

# **GENERAL REGULATIONS**

## **FOR THE CLASSIFICATION AND OTHER ACTIVITY**

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# **GENERAL REGULATIONS FOR THE CLASSIFICATION AND OTHER ACTIVITY**

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General Regulations for the Classification and Other Activity of Russian Maritime Register of Shipping have been approved in accordance with the established approval procedure and come into force on 1 January 2023.

The present edition of General Regulations is based on the 2022 edition taking into account the amendments developed immediately before publication.

**REVISION HISTORY<sup>1</sup>**

(purely editorial amendments are not included in the Revision History)

Amended paras/chapters/ sections	Information on amendments	Number and date of the Circular Letter	Entry-into-force date
<a href="#">Para 1.1.2</a>	List of standards, organizations and other documents as well as their corresponding abbreviations, most commonly referred to in the RS Publications, has been introduced	312-05-1916c of 30.03.2023	30.03.2023
<a href="#">Para 1.2.3</a>	Requirements for the implementation of IACS normative documents in the RS Publications have been specified	312-05-1916c of 30.03.2023	30.03.2023
<a href="#">Para 1.2.17</a>	Requirements for publications of the RS Register of Ships have been specified	312-05-1916c of 30.03.2023	30.03.2023
<a href="#">Para 1.3.1.1</a>	List of the RS Publications with their corresponding abbreviations has been specified	312-05-1916c of 30.03.2023	30.03.2023
<a href="#">Para 1.3.2.3</a>	Conditions for application of the RS requirements during technical documentation review have been specified	312-05-1916c of 30.03.2023	30.03.2023
<a href="#">Para 2.5.1</a>	List of international conventions, codes and resolutions with their corresponding abbreviations, if any, has been specified	312-05-1916c of 30.03.2023	30.03.2023
<a href="#">Para 2.5.2</a>	List of normative documents used in the RS activity has been specified	312-05-1916c of 30.03.2023	30.03.2023

<sup>1</sup> Amendments and additions introduced at re-publication or by new versions based on circular letters or editorial amendments.

## 1 GENERAL

### 1.1 DEFINITIONS AND EXPLANATIONS

**1.1.1** Definitions and explanations relating to general terminology of the rules and other normative documents of Russian Maritime Register of Shipping (hereinafter referred to as "the Register, RS") are given in Part I "General Regulations for Technical Supervision" of the Rules for Technical Supervision during Construction of Ships and Manufacture of Materials and Products for Ships.

Additional definitions used in these General Regulations for the Classification and Other Activity are given below.

**Alternative design and arrangements** are application of new alternative design and arrangements not mentioned in the classification requirements of the RS rules, and approval on the basis of an engineering analysis confirming that such alternative design and arrangements provide an equivalent level of safety to that stipulated by the RS requirements.

**Alteration or modification** is a change that does not affect the ship principal characteristics and/or structural parameters.

**Modernization** is a set of operations to modify the structure of a ship (ship's element) to improve performance characteristics, working and living conditions, to align it with new requirements and standards, specifications, quality indicators.

**Conversion** is a set of operations to modify the structure of a ship to change its purpose.

**Conversion of a ship of substantial nature or major conversion** is a conversion of a ship or its part which alters its type, purpose, ship principal characteristics and/or structural parameters (such as dimensions, gross tonnage, weight characteristics, freeboard, power output of the main propulsion installation, passenger capacity, cargo carrying capacity, etc.) or which substantially prolongs the ship service life, and such alterations lead to the necessity to apply the RS requirements to the ship or its separate parts that have not been applied to the ship prior to the commencement of such conversion. Nature of conversion (major/minor) is determined by the RS Head Office (RHO) in each particular case.

**Rules (RS rules)** are a code of the normative and technical requirements for items of technical supervision.

**Items of technical supervision (items of supervision)** are ships and other floating facilities, fixed offshore platforms, other offshore installations specified in [1.2.1](#), as well as containers, products, materials, works, services and processes within the RS terms of reference.

**Technical supervision** is checking of conformity of items of supervision with the RS requirements during:

review and approval (agreement) of technical documentation;

survey of items of supervision at manufacture, construction, service stages, including conversion, modernization and repair.

**RS requirements** are requirements of the RS rules, international conventions and other documents of the International Maritime Organization (IMO), governments having granted RS the relevant authorization, as well as additional requirements.

**Additional requirements** are the requirements caused by the item features or its operational conditions, which are not stipulated by the RS rules and other RS normative documents imposed by the Register to ensure the safety of items of technical supervision. Under safety, in this particular case, is meant safe navigation of ships and offshore installations, safety of life at sea, safe carriage of goods, environmental protection.

**Equivalence** is the use of equipment, material, arrangements, device or design solutions other than those prescribed by the international statutory requirements or approved by the Administration in compliance with the requirements of SOLAS and MARPOL Conventions.

Deviation is the use of equipment, material, arrangements, and device or design solutions other than those prescribed by the classification requirements of the RS rules and duly approved by the Register.

**1.1.2 Abbreviations.**

When refereeing in the text of the RS Publications to the organizations, standards, RS rules, international conventions, codes and other documents, the abbreviations given in [Tables 1.1.2-1](#), [1.1.2-2](#), [1.3.1.1](#) and [2.5.1](#) are used.

Table 1.1.2-1

<b>Organizations</b>	
Abbreviations adopted in the RS Publications	Full name
EU	European Union
UNECE	The United Nations Economic Commission for Europe
ACS	Another Classification Society
IMO	International Maritime Organization
ISO	International Organization for Standardization
IACS	International Association of Classification Societies
IEC	International Electrotechnical Commission
UN	United Nations
AISI	American Iron and Steel Institute
ANSI	American national standards institute
ASME	American Society of Mechanical Engineers
ASNT	American Society for Nondestructive Testing
ASTM	American Society for Testing and Materials
BSI	British Standards Institution
CEN	European Committee for Standardization
CESNI	European Committee for drawing up Standards in the field of Inland Navigation
CIGRE	International Council on Large Electric Systems
CISPR	International Special Committee on Radio Interference
DIN	German Institute for Standardisation
EFIBCA	European Flexible Intermediate Bulk Container Association
EMSA	European Maritime Safety Agency
ETSI	European Telecommunications Standards Institute
IEEE	Institute of Electrical and Electronics Engineer
JISC	Japanese Industrial Standards Committee
MEPC	IMO Marine Environment Protection Committee
MSC	IMO Maritime Safety Committee
NACE	USA National Association of Corrosion Engineers
NORSOK	Norwegian Standard Organization
OCIMF	Oil Companies International Marine Forum

Table 1.1.2-2

<b>Standards and other documents</b>	
Abbreviations adopted in the RS Publications	Full name
ADN	The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
GOST GOST R GOST R ISO	National standards of the Russian Federation
OST	Industry standard of the Russian Federation

Abbreviations adopted in the RS Publications	Full name
ACCP	American Society for Nondestructive Testing (ASNT) central certification programme
BS	British standard
CB CB/T	Chinese National Standards in Shipping Industry
EN EN ISO	European Norm
IACS PR	IACS Procedural requirements
IACS Rec.	IACS Recommendations
IACS UI	IACS Unified interpretations of the provisions/regulations of international conventions and code
IACS UR	IACS Unified requirements
ISO	International Organization for Standardization
ISO/TS	ISO Technical Specifications
ISO/TR	ISO Technical Reports
FMEA	Failure Mode and Effects Analysis
FMECA	Failure Mode, Effects and Criticality Analysis
JIS	Japanese Industrial Standards
MEG	OCIMF Mooring Equipment Guidelines
OHSAS	Occupational Health and Safety Assessment Series
UNS	the United Numbering System
<p>Notes: 1. The reference to any IACS normative documents shall have the form: "type (non-mandatory), abbreviated name, identification number and version of the IACS normative document" (for example, "IACS UR S10 (Rev.6 Sep 2019)"), with explanation "the document is available on the IACS website (<a href="http://www.iacs.org.uk">www.iacs.org.uk</a>)".</p> <p>2. The reference to the international or national standards (GOST R, ISO, EN, IEC, ASTM, etc.) shall have the form: "abbreviated name, identification number, year and, if necessary, the title of the standard".</p>	

## **1.2 CLASSIFICATION AND OTHER ACTIVITY OF THE REGISTER**

**1.2.1** The Register is a non-commercial organization performing classification and survey of sea-going ships and ships of river-sea navigation, as well as mobile offshore drilling units (MODU), fixed offshore platforms (FOP) of different purposes, floating offshore oil and gas product units (FPU), subsea pipelines (SP) and other offshore installations (hereinafter referred to as "the ships and offshore installations").

**1.2.2** Besides, being authorized by the government of the Russian Federation (RF) and by the governments of other countries to act on their behalf, the Register carries out surveys within its terms of reference for compliance with the requirements of international conventions, agreements and contracts to which the above governments are parties, and issues relevant documents.

**1.2.3** The Register has developed and maintains a quality management system (QMS) complying with the requirements of the International Standard ISO 9001 and IACS Quality System Certification Scheme (IACS QSCS). In its activity, the Register implements the IACS publications on the basis of the following principles:

**.1** all IACS resolutions such as IACS UR, PT and UI, as well as IACS Common Structural Rules for Bulk Carriers and Oil Tankers, taking into account their latest versions, are mandatorily implemented by the Register in the relevant RS normative documents;

**.2** the terms of entry into force of the RS requirements comply with the terms of entering into force prescribed by the relevant IACS resolutions;

**.3** IACS Recommendations may be implemented in the RS normative documents if deemed necessary by the Register. IACS Recommendations related to the IACS Common Structural Rules for Bulk Carriers and Oil Tankers shall be mandatorily applied and implemented in the RS normative documents.

**1.2.4** The Register establishes technical requirements ensuring safe operation of ships and offshore installations in accordance with their purpose, safety of life at sea and safe carriage of goods by sea and inland waterways as well as pollution prevention from ships; it carries out surveys for compliance with the above requirements, assigns class to ships and offshore installations, determines the net and gross tonnage of sea-going ships and offshore installations and the tonnage measurement characteristics of inland navigation ships in its registry.

**1.2.5** The Register activity is based on the rules published by that body and is aimed at determining whether the items of technical supervision comply with the rules and with additional requirements.

**1.2.6** The application and fulfillment of the rules and additional requirements are the obligation of design bureaus, shipowners, shipyards and manufacturers of materials and products to which the requirements of the rules apply.

**1.2.7** The interpretation of the requirements of the RS rules and other normative documents is within the competence of the Register only.

**1.2.8** The Register activity does not substitute for the state surveillance of merchant shipping carried out by both the federal body of executive power responsible for transport and the federal body of executive power responsible for fisheries, nor does it interfere with technical control by shipowners, shipyards or firms (manufacturers).

**1.2.9** Classification activity of the Register covers the following:

**.1** development and publication of rules and other normative documents;

**.2** review and approval (agreement) of technical documentation;

**.3** surveys of ships and offshore installations during construction, surveys of products at manufacture and repair as well as surveys of materials for shipbuilding during manufacture thereof;

**.4** surveys of ships and offshore installations in service, including surveys during conversion, modernization and repair;

**.5** assignment, renewal, reinstatement and reassignment of class;

- .6 drawing up and issue of the RS certificates;
- .7 maintenance of records on ships and offshore installations;
- .8 publication of Register of Ships.

**1.2.10** Other activity of the Register covers:

.1 surveys of ships and offshore installations during construction and in service (including surveys at conversion, modernization and repair), surveys of products at manufacture and repair as well as surveys of materials for shipbuilding during manufacture for compliance with the provisions of international conventions and agreements;

.2 review, investigation and recording of accidents aboard ships and offshore installations;

.3 initiative surveys of ships;

.4 other activity not connected with classification of ships and offshore installations.

**1.2.11** The Register carries out classification of the following types of ships and offshore installations during their design, under construction, repair, in service and at recycling:

.1 passenger ships, cargo ships and other self-propelled ships with the main engines having an output of 55 kW and upwards, non-self-propelled ships of 80 gross tonnage and upwards, non-self-propelled ships with machinery and equipment of total power output of prime movers 100 kW and upwards — irrespective of their gross tonnage, including nuclear ships and floating facilities, nuclear support vessels;

.2 MODU, FOP of different purposes, FPU, SP and other offshore installations;

.3 pleasure craft, sailing racing yachts and small craft used for commercial purposes.

**1.2.12** The Register carries out surveys of ship refrigerating plants from the point of view of ship's safety, safe carriage of goods, absence of the ozone-destructive effect of refrigerants upon the environment, as well as the classification of ship refrigerating plants.

**1.2.13** The Register carries out surveys of ship cargo-handling gear of 1 t lifting capacity and upwards.

**1.2.14** on special agreement, the Register may carry out surveys of ships, installations or arrangements not specified in [1.2.11 — 1.2.13](#).

**1.2.15** The Register is also involved in other types of activities, which include:

.1 survey of ships and offshore installations classed by the Register, in connection with accidents, after detentions by the Flag State and/or Port State;

.2 review of marine operations designs and technical supervision during execution thereof for offshore installations;

.3 design technical appraisal, technical supervision during testing, examination of freight containers with gross mass of 10 t and more, and their approval for international transportation by different modes of transport, according to the international agreements of the Russian Federation, surveys of containers in service;

.4 design technical appraisal of portable tanks with gross mass of 10 t and more, including tank containers intended for transportation of goods, including dangerous ones, by sea, river, rail and road transport, and technical supervision during manufacture, testing and in service, and determination of their compliance with the national and international requirements, and the requirements of the international agreements on transportation of dangerous goods;

.5 design technical appraisal, technical supervision during testing, manufacture, in service and confirmation of compliance of tare, package, intermediate bulk containers intended for transportation of dangerous goods with the national and international requirements;

.6 upon requests of interested parties, preparation of documents for multimodal transportation of dangerous goods and certification of bulk cargoes according to the international agreements (conventions) and the cargo transportation rules;

.7 issuance of appropriate documents following the results of activities stated above;

.8 registry of tank containers and keeping records thereof;

.9 development and publication of the rules for containers manufacture and the rules for containers approval for transportation;



**.10** upon requests of interested parties, certification, assessment and confirmation of compliance of safety management systems; ship security certification; review of ship security plans; ship inspections for compliance with the requirements of the International Labour Organization (ILO) conventions; certification of companies for recruitment and placement of seafarers (crewing companies);

**.11** review and approval (agreement) of draft standards and other normative documents related to the RS activity;

**.12** may initiate examinations of technical issues within the RS terms of reference and participate therein;

**.13** upon requests of interested parties, review of the shipbuilding and ship repair yards facilities in the course of placing orders within them for construction and repair of ships;

**.14** upon requests of interested parties, provision of surveyor services and rendering services as third independent party for industrial objects and offshore installations in the field not related to classification activities;

**.15** review and approval of computer software used for design purposes in shipbuilding and for ships and offshore installations in service;

**.16** assessment activities in respect of ships and offshore installations by requests of shipowners, charterers, insurers and other interested parties;

**.17** organization of scientific and research activities to improve the RS rules and other RS normative documents;

**.18** rendering consulting and information services relating to the types of activities specified herein.

**1.2.16** The technological and special arrangements of fishing vessels, cable layers, vessels of dredging fleet and special purpose ships are not subject to the Register survey except the equipment specified in the relevant parts of the RS rules.

**1.2.17** The Register of Ships containing the information on ships (except for manned submersibles (MS), ship's diving systems (SDS), subsea pipelines (SP), subsea production systems (SPS)) classed with the Register is published by the Register on the RS official website at <https://rs-class.org>, in Section "Online Information". The information provided in the Register of Ships is not confidential and is available for all interested parties.

**1.2.18** For works performed (services rendered) by the Register fees are charged according to the RS pricing system.

**1.2.19** If the commitments to the Register including those on payment for its services fail to be performed or are improperly performed, the Register is entitled not to assign a class or, where a class has already been assigned, to suspend or withdraw it from the ship or offshore installation in connection with which the commitments to the Register, including those on payment for its services failed to be performed or were improperly performed, and to withdraw (make an entry indicating cessation of validity) the certificates issued by the Register.

### 1.3 RULES

#### 1.3.1 Rules to be applied.

1.3.1.1 Rules developed, published and used by the Register in its activity are listed in [Table 1.3.1.1](#) as follows:

Table 1.3.1.1

No.	Title	Abbreviation adopted in RS Publications
.1	Common Structural Rules for Bulk Carriers and Oil Tankers	CSR
.2	Rules for the Classification and Construction of Sea-Going Ships	RS Rules/C
.3	Rules for the Equipment of Sea-Going Ships	RS Rules/E
.4	Load Line Rules for Sea-Going Ships	RS Rules/LL
.5	Rules for the Cargo-Handling Gear of Sea-Going Ships	RS Rules/CHG
.6	Rules for the Classification Surveys of Ships in Service	RCSSS
.7	Rules for the Classification and Construction of Inland Navigation Ships (for European Inland Waterways)	Rules C/IN
.8	Rules for the Surveys of Inland Navigation Ships in Service (for European Inland Waterways)	Rules IN/S
.9	Rules for the Classification, Construction and Equipment of Mobile Offshore Drilling Units and Fixed Offshore Platforms	MODU&FOP Rules
.10	Rules for the Classification and Construction of Chemical Tankers	Chem Rules
.11	Rules for the Classification and Construction of Ships Carrying Liquefied Gases in Bulk	LG Rules
.12	Rules for Membrane Containment System for Liquefied Natural Gas	LG MCS Rules
.13	Rules for the Classification and Construction of Ships Carrying Compressed Natural Gas	CNG Rules
.14	Rules for the Classification and Construction of Nuclear Ships and Nuclear Support Vessels	Nuclear Rules
.15	Rules for the Classification and Construction of High-Speed Craft	HSC Rules
.16	Rules for the Classification and Construction of Manned Submersibles and Ship's Diving Systems	MS and SDS Rules
.17	Rules for the Classification and Construction of Type A WIG Craft	WIG Rules
.18	Rules for the Carriage of Grain	Grain Rules
.19	Rules for the Construction of Hulls of Sea-Going Ships and Floating Facilities Using Reinforced Concrete	Concrete Rules
.20	Rules for the Classification and Construction of Small Sea Fishing Vessels	SFV Rules
.21	Rules for the Classification and Construction of Pleasure Craft	PC Rules
.22	Rules for the Classification and Construction of Floating Offshore Oil-and-Gas Product Units	FPU Rules
.23	Rules for the Tonnage Measurement of Sea-Going Ships	Tonnage Rules
.24	Rules for the Tonnage Measurement of Inland Navigation Ships	Tonnage Rules/IN
.25	Rules for Technical Supervision during Construction of Ships and Manufacture of Materials and Products for Ships	Rules TSDCS
.26	Rules for the Classification and Construction of Wooden Ships	Wooden Ships Rules
.27	Rules for the Oil-and-Gas Equipment of Floating Offshore Oil-and-Gas Product Units, Mobile Offshore Drilling Units and Fixed Offshore Platforms	OGE Rules
.28	Rules for the Classification and Construction of Subsea Pipelines	SP Rules
.29	Rules for Planning and Execution of Marine Operations	MO Rules

No.	Title	Abbreviation adopted in RS Publications
.30	Rules for the Prevention of Pollution from Ships Intended for Operation in Sea Areas and Inland Waterways of the Russian Federation	PPS Rules
.31	Rules for the Classification and Survey of Small Craft	SC Rules
.32	Rules for the Design, Construction, Repair and Operation of Sailing Racing Yachts, Manufacture of Materials and Products for Installation on Board Sailing Racing Yachts	RSY Rules
.33	Collection of the Rules for Containers	RC Collection
.33.1	General Regulations for the Technical Supervision of Containers	GRTSC
.33.2	Rules for the Manufacture of Containers	RMC
.33.3	Rules for the Approval of Containers for the Transport of Goods Under Customs Seal	RATC
.33.4	Rules for Technical Supervision During Manufacture of Containers, Materials and Products for Containers	RTSMC
.33.5	Rules for Technical Supervision of Containers in Service	RTSCS
.34	Rules for the Classification and Construction of Subsea Production Systems	SPS Rules
.35	Rules for the Equipment of Floating Offshore Oil-and-Gas Product Units	FPU Rules/E
.36	Rules for Active Means of Polar Class Ships' Steering	AMPC Rules
.37	Rules for the Classification and Construction of Unmanned Underwater Vehicles	UUV Rules

**1.3.1.2** The Register also develops, publishes and uses guidelines on survey of ships and offshore installations in service, on technical supervision during construction thereof, at manufacture of materials and products for shipbuilding as well as other guidelines and technical requirements regulating the Register activity in other spheres.

**1.3.2 Application of the rules to ships and offshore installations under construction, materials and products.**

**1.3.2.1** Newly published rules and amendments thereto come into force on the date stated in the annotation on the back of the title page. Before that date they shall be considered a recommendation.

**1.3.2.2** For newly built ships and offshore installations (hereinafter referred to as "the ships"), the rules and amendments thereto in effect on the date of signing the contract for construction of a ship (a series of ships) are generally applied.

If the ship design is submitted to the Register for approval before the date of signing the contract for construction, the rules and amendments thereto in effect on the date of the customer's request for the design review are applied. In this case, if the new rules or amendments to the rules according to which the ship design was approved, have become effective on the date of signing the contract for construction of the ship, its design shall be updated to comply with the above rules or amendments.

**1.3.2.3** New or modified RS rules' requirements coming into force subsequent to the date of contract for construction of a ship (series of ships) shall apply in the following cases:

**.1** where previously approved plans are intended to use for a new contract for construction;

**.2** where their fulfillment is prescribed by the RS circulars.

The above-mentioned amendments may be applied, upon agreement with the Register, when a justified written request is received from the party applying for classification and/or review of technical documentation on a ship.

**1.3.2.4** Application of the rules and amendments to the rules for auxiliary and other ships of war, as well as other State-owned ships or government ships operated and used for non-commercial purposes is subject to special consideration by the Register in each case.

**1.3.2.5** Materials and products, technical documentation on which is submitted to the Register for approval after coming into force of the rules or amendments thereto, shall comply with the requirements of the above rules and amendments.

**1.3.2.6** Application of the RS rules when performing technical supervision during design and construction of a ship in a dual class arrangement shall be additionally regulated by the Dual Classification Agreement, taking into account the requirements of Section 16, Part I "General Regulations for Technical Supervision" of the Rules for Technical Supervision during Construction of Ships and Manufacture of Materials and Products for Ships.

**1.3.3 Application of rules to ships in service (except for the Rules for the Classification Surveys of Ships in Service).**

**1.3.3.1** To ships in service to be classed by the Register for the first time, unless expressly provided otherwise, the requirements of the RS rules effective from the date of build of the ship, shall apply.

**1.3.3.2** For ships in service to be classed by the Register for the first time:

**.1** and classed by ACS — IACS member, the requirements of the rules of ACS — IACS member for compliance with which the ship was built/classed shall apply. Compliance with the requirements of the above-stated rules shall be confirmed by the Classification Certificate issued by ACS — IACS member and being valid when the ship is classed by the Register;

**.2** and having no class of any classification society or classed by ACS — non-IACS member, the requirements of the RS rules effective during construction of a given ship shall apply, as far as practicable, taking into account the requirements of subsequent editions of the RS rules applicable to ships in service. Deviations from the RS rules are allowed taking into account [1.3.4](#);

**.3** application of the RS rules and assignment of the character of classification shall be carried out in accordance with 2.2.2 of Part I "Classification" of the Rules for the Classification and Construction of Sea-Going Ships. The possibility to assign specific distinguishing marks and descriptive notations given in 2.2 and 2.5 of Part I "Classification" of the Rules for the Classification and Construction of Sea-Going Ships shall be specified by RHO upon the review results:

for the ships classed according to [1.3.3.2.1](#) — of the class notation and requirements for class notation of the losing society (proposed class notation may be specified upon the survey results after additional agreement with RHO of proposals of the RS Branch Office carrying out survey of the ship);

for the ships classed according to [1.3.3.2.2](#) — of proposals of the RS Branch Office carrying out survey based on the RS-reviewed documentation to bring the ship into compliance with the requirements of the applied rules for construction and survey results.

**1.3.3.3** Having followed repairs, conversion or modernization, a ship as well as appropriate equipment, arrangements, etc. shall, as a minimum, comply with the requirements of the RS rules and, where applicable, international conventions, codes previously applied to the ship. Newly installed structures, machinery and equipment shall meet the requirements of the RS rules in force and, where applicable, international conventions, codes as far as it is reasonable and technically practicable.

Having followed conversion of substantial nature (major conversion), a ship as well as appropriate structures, machinery and equipment shall meet the requirements of the RS rules and applicable international conventions to the extent defined by the provisions contained in those rules and conventions which entered into force on the date of commencement of such conversion.

**1.3.4 Deviations from the RS rules.**

**1.3.4.1** The Register may allow using materials and products, ship structures and their separate arrangements other than those required by the RS rules, provided an equivalent level of safety to the established RS classification requirements is ensured.

In such case, data shall be submitted to the Register enabling to ascertain the materials, structures and products in question meet the requirements ensuring the ship safety, safety of life at sea, safe carriage of goods by sea and by inland waterways as well as ecological safety of the environment.

**1.3.4.2** Where the structure of a ship, separate machinery, arrangements, equipment and outfit or the materials used cannot be recognized as being adequately verified in service, the Register may require special tests to be held during construction and, in case of a ship in service, may reduce intervals between periodical surveys or extend the scope of these surveys.

When deemed necessary by the Register, appropriate restrictive entries may be made in the classification or other documents issued by the Register and in the Register of Ships. The restrictions are withdrawn subsequent to satisfactory results obtained in service.

## **1.4 DOCUMENTS**

**1.4.1** As a result of its activity, the Register issues relevant certificates:

- .1** certificates confirming compliance with the requirements of Rules for the Classification and Construction of Sea-Going Ships and rules for the classification and construction of particular types of ships;
- .2** certificates stipulated by international conventions and codes;
- .3** survey reports serving as the basis for issuing relevant certificates;
- .4** certificates for products, materials, works, services and processes confirming their compliance with the requirements of the RS rules.

## **1.5 THE REGISTER RESPONSIBILITIES**

**1.5.1** The Register entrusts carrying out inspections to experts adequately skilled and performing their duties with proper diligence.

The Register is responsible for failure to perform or for improper performance of its commitments only when found guilty (by intent or carelessness).

The Register covers the losses to persons entering with it into contractual relations, as stipulated by the RS rules, and whose losses result from its failure to perform or improper performance of its contractual commitments due to carelessness, to the amount not exceeding the contract fees determined on the basis of the Register scales of fees and provided solely the causal relationship has been proved between such failure to perform or improper performance of contractual commitments by the Register and the suffered losses.

## **1.6 CONFIDENTIALITY**

**1.6.1** The Register considers as confidential any information obtained in the course of rendering services and does not provide its contents or copies without prior agreement with the customer to external organizations, except when the Register is obliged to supply the information related to the details of proceedings reasonably requested by court and law-enforcement authorities, and the information inquired by Flag State and Port State, as well as in other cases prescribed by the current legislation and the RS rules.

**1.6.2** Notwithstanding the general duty of confidentiality owed by the Register to its customer in accordance with the RS rules, by participating in IACS Early Warning System, the Register provides ACS — IACS members with relevant technical information on serious hull structural and engineering systems failures to facilitate the proper working of IACS Early Warning System.

The Register shall provide its customer with details of such information upon sending the same to ACS — IACS member.



## **2 SURVEYS**

### **2.1 GENERAL**

**2.1.1** For the surveys to be carried out, the shipowners, administrations of shipyards, firms (manufacturers) and other organizations (firms) shall ensure that the Register representatives have the opportunity to carry out ship surveys, as well as free access to all places where materials and products are manufactured and tested, and shall provide all conditions for the surveys to be carried out.

Where necessary, the Register may require to provide the access to surveyed items as well as the conditions for performing the work by RS surveyors together with external auditors when the latter carry out audits of the Register quality management system.

**2.1.2** Shipowners, shipyards, design bureaus and firms (manufacturers) shall fulfil the requirements of the Register or RS surveyors when they are in the course of their duty.

**2.1.3** Any alterations on the part of shipowners, shipyards, design bureaus and firms (manufacturers) in respect of ship structure, materials and products to which the requirements of the rules apply shall be approved by the Register before they are put into service.

**2.1.4** Controversial issues arising in connection with the Register activity may be transferred by shipowners, shipyards, firms (manufacturers) and other organizations (firms) to the higher RS Branch Office. The judgement of the Register Head Office (RHO) is final.

**2.1.5** The Register may refuse from survey in case the shipyard or firm (manufacturer) systematically violates the Rules or if the other Party to a contract violates it.

**2.1.6** When a material or product proves defective under a valid certificate, the Register may require additional tests or relevant repair to be carried out, and where the defects cannot be repaired, may cancel the certificate.

## **2.2 SURVEYS DURING THE MANUFACTURE OF MATERIALS AND PRODUCTS**

**2.2.1** The relevant parts of the Rules contain lists of materials and products the manufacture of which shall be surveyed by the Register, as well as technological processes specified by the Register.

By special agreement, the Register may carry out the surveys of materials and products not mentioned in the above lists.

**2.2.2** Materials and products within the Register terms of reference shall be manufactured in accordance with technical documentation approved by the Register.

**2.2.3** During surveys, the Register may check compliance with structural, technological and production standards and processes which are not regulated by the rules, but which may influence the fulfillment of the rules requirements.

**2.2.4** During ship construction or repair, manufacture of materials and products, the Register shall approve the application of new materials, products and processes, or those submitted to it for the first time, that are referred to the RS Nomenclature. For this purpose, specimens of the material, product or the new process shall be tested in the scope agreed with the Register subsequent to their technical documentation being approved by the Register.

**2.2.5** The RS surveys during the manufacture of materials and products are carried out by RS surveyors, or may be entrusted by the Register to another classification society in accordance with an agreement on mutual substitution.

**2.2.6** In cases specified by the Register, the manufacturing works will be surveyed by the Register to inspect the facilities for manufacturing materials and products complying with the RS requirements.

**2.2.7** In the process of surveys during manufacture materials and products shall undergo the surveys and tests according to the procedures and within the scope prescribed by the Register.

**2.2.8** Materials and products manufactured in accordance with the RS requirements shall be provided with the documents specified by the Register and, where necessary, the brands and marking enabling to determine their compliance with the above documents.

**2.2.9** In sound cases, the Register may establish special conditions for the application of particular products.

## **2.3 SURVEYS OF SHIPS UNDER CONSTRUCTION, RECONSTRUCTION AND CONVERSION**

**2.3.1** Surveys of ships under construction, reconstruction and conversion are carried out by RS surveyors on the basis of technical documentation approved by the Register. The scope of examinations, measurements and tests during surveys is determined by the Register on the basis of current instructions and proceeding from the situation.

## **2.4 SURVEYS OF SHIPS IN SERVICE**

**2.4.1** Surveys of ships in service are carried out according to the Rules for the Classification Surveys of Ships in Service and other RS normative documents.

## 2.5 SURVEYS IN COMPLIANCE WITH THE REQUIREMENTS OF INTERNATIONAL CONVENTIONS AND AGREEMENTS

**2.5.1** When performing technical supervision during design, certification of materials and products, survey under construction and in service, the Register shall verify compliance of an item of technical supervision with the applicable requirements of the international documents and amendments thereto specified in [Table 2.5.1](#):

Table 2.5.1

**List of the applicable international conventions, codes and resolutions**

No.	Title	Abbreviation adopted in the RS Publications
<b>1</b>	<b>IMO conventions</b>	
1.1	International Convention for the Safety of Life at Sea, 1974, as modified by the Protocols of 1978 and 1988 and amended by subsequent resolutions	SOLAS-74
1.2	International Convention for the Prevention of Pollution from Ships, 1973, as modified by the Protocol of 1978, and the Protocol of 1997 relating thereto, as amended by subsequent resolutions	MARPOL 73/78
1.3	International Convention on Load Lines, 1966, as modified by the Protocol of 1988, as amended	LL-66/88
1.4	International Convention on Tonnage Measurement of Ships, 1969)	TM69
1.5	International Convention for the Control of Harmful Antifouling Systems on Ships, 2001, as amended	AFS Convention
1.6	International Convention for the Control and Management of Ships' Ballast Water and Sediments, 2004, as amended	BWM Convention
1.7	Convention on the International Regulations for Preventing Collisions at Sea, 1972, as amended	COLREG-72
1.8	Torremolinos International Convention for the Safety of Fishing Vessels, 1977 with amendments of 1993 implemented by Torremolinos Protocol	Torremolinos Protocol or TP-93
1.9	Cape Town Agreement 2012 on the Implementation of the Provisions of the 1993 Torremolinos Protocol relating to the Torremolinos International Convention for the Safety of Fishing Vessels, 1977	Cape Town Agreement or CTA-2012
1.10	Convention for Safe Containers	CSC
1.11	The Hong Kong International Convention for the Safe and Environmentally Sound Recycling of Ships, 2009	Hong Kong Convention
<b>2</b>	<b>IMO codes</b>	
2.1	The International Code for Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk adopted by IMO resolutions MSC.4(48) and MEPC.19(22) as amended	IBC Code
2.2	Code for Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk, adopted by IMO resolution A.212(VII) and MEPC.20(22), as amended	BCH Code
2.3	International Maritime Dangerous Goods Code, adopted by IMO resolution MSC.122(75) as amended	IMDG Code
2.4	International Maritime Solid Bulk Cargoes Code, adopted by IMO resolution MSC.268(85), as amended	IMSBC Code
2.5	International Code for the Safe Carriage of Packaged Irradiated Nuclear Fuel, Plutonium and High-Level Radioactive Waste on Board Ships, adopted by IMO resolution MSC.88(71), as amended	INF Code
2.6	International Code for the Construction and Equipment of Ships Carrying Liquefied Gases in Bulk, adopted by the IMO resolution MSC.5(48), as amended	IGC Code

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No.	Title	Abbreviation adopted in the RS Publications
2.7	Code for the construction and equipment of ships carrying liquefied gases in bulk adopted by IMO resolution A.328(IX) as amended	GC Code
2.8	Safety Code for Special Purpose Ships, 2008, adopted by IMO resolution MSC.266(84) as amended	2008 SPS Code
2.9	Safety Code for Special Purpose Ships, adopted by IMO resolution A.534(13) as amended	1983 SPS Code
2.10	International Safety Code for High-Speed Craft, 1994, adopted by IMO Resolution MSC 36(63) as amended	1994 HSC Code
2.11	International Code of Safety for High-Speed Craft, 2000, adopted by IMO Resolution MSC.97(73) as amended	2000 HSC Code
2.12	International Code for the Safe Carriage of Grain in Bulk, adopted by IMO resolution MSC.23(59)	Grain Code
2.13	Code for the Construction and Equipment of Mobile Offshore Drilling Units, 2009 (the 2009 MODU Code), adopted by IMO resolution A.1023(26), as amended	2009 MODU Code
2.14	Code for the Construction and Equipment of Mobile Offshore Drilling Units, 1989, adopted by IMO resolution A.649(16), as amended	1989 MODU Code
2.15	Code for the Construction and Equipment of Mobile Offshore Drilling Units, adopted by IMO resolution A.414(XI), as amended	1979 MODU Code
2.16	Code for the transport and handling of hazardous and noxious liquid substances in bulk on offshore support vessels, adopted by IMO resolution A.1122(30)	OSV Chemical Code
2.17	Code of Safe Practice for the Carriage of Cargoes and Persons by Offshore Supply Vessels	OSV Code
2.18	International Code for Ships Operating in Polar Waters (Polar Code) adopted by IMO resolutions MSC.385(94), MEPC.264(68)	Polar Code
2.19	International Code of Safety for Ships using Gases or other Low-flashpoint Fuels, adopted by IMO resolution MSC.391(95) as amended	IGF Code
2.20	International Code for Application of Fire Test Procedures, 2010, adopted by IMO resolution MSC.307(88) as amended	FTP Code
2.21	International Code for Fire Safety Systems, adopted by IMO resolution MSC.98(73) as amended	FSS Code
2.22	International Life-Saving Appliance Code, adopted by IMO resolution MSC.48(66), as amended	LSA Code
2.23	International Safety Management Code, adopted by IMO resolution A.741(18) as amended	ISM Code
2.24	International Ship and Port Facility Security Code, adopted by resolution 2 of 2002 IMO conference, as amended	ISPS Code
2.25	International Code on the Enhanced Programme on Inspections during Surveys of Bulk Carriers and Oil Tankers, 2011, adopted by IMO resolution A.1049(27) as amended	ESP Code
2.26	Code of Safety for Diving Systems, adopted by IMO resolution A.831(19) as amended	DS Code
2.27	Code on Alerts and Indicators, 2009, adopted by IMO resolution A.1021(26)	—
2.28	International Code on Intact Stability, 2008 (2008 IS Code) adopted by IMO resolution MSC.267(85), as amended	2008 IS Code
2.29	Code of Safe Practice for Cargo Stowage and Securing, adopted by IMO resolution A.714(17), as amended	CSS Code
2.30	Code of Safe Practice for Ships Carrying Timber Deck Cargoes, 2011, adopted by IMO resolution A.1048(27), as amended	TDC Code

No.	Title	Abbreviation adopted in the RS Publications
2.31	NOx Technical Code Technical Code on Control of Emission of Nitrogen Oxides from Marine Diesel Engines, 2008, adopted by IMO resolution MEPC.177(58), as amended	NOx Technical Code
2.32	Code on Noise Levels on Board Ships, adopted by IMO resolution MSC.337(91) as amended	Noise Code
<b>3</b>	<b>Conventions, codes and other documents of international organizations other than IMO</b>	
3.1	Maritime Labour Convention, 2006, as amended	MLC
3.1	Occupational Safety and Health (Dock Work), Convention, 1979 (No.152)	ILO-152
3.2	Accommodation of Crews Convention (Revised), 1949 (No. 92)	ILO-92
3.3	Accommodation of Crews (Supplementary Provisions) Convention, 1970 (No. 133)	ILO-133
3.4	Customs Convention on Containers	CCC
3.5	Convention on the Measurement of Inland Navigation Vessels, 1966	—
3.6	Radio Regulations	—
<b>4</b>	<b>Regulatory and legal documents of the European Parliament and the Council of the European Union</b>	
4.1	Regulation (EU) 1257/2013 of the European Parliament and of the Council of 20 November 2013 on ship recycling	—
4.2	Council Directive 97/70/EC dated 11.12.1997 with amendments dated 1999, 2002, 2009, laying down safety standards for sea-going fishing vessels	Council Directive 97/70/EC
4.3	Directive 2013/53/EU of the European Parliament and of the Council of 20 November 2013 on recreational craft and personal watercraft	Directive 2013/53/EU
<p>Notes: 1. The scope of application of the above conventions and agreements is defined directly in the conventions, agreements and amendments thereto.</p> <p>2. The documents containing the original text of international conventions, codes and resolutions referred to in this Table, as well as amendments thereto, are available in the RS integrated informational system (idocs.rs-class.org).</p> <p>3. In the text of the RS Publications, after the titles of conventions, codes and resolutions, the reference to the documents amending these conventions, codes or resolutions may be omitted. If it is necessary to refer to the requirements of specific amendments, the year of the amendments (for example, "SOLAS-74/88/00") or the number of the resolution by which these amendments have been adopted may be added to the abbreviated name of the relevant convention, code or resolution. When listing paragraphs, regulations of the convention, the word "convention" may be omitted (for example, "regulation II-2/2 of SOLAS-74", which means: regulation 2 of Chapter II-2 of SOLAS-74).</p>		

**2.5.2** In addition to [2.5.1](#), the Register applies in its activity the following normative documents:

- .1 requirements of flag state maritime administrations (MA) in accordance with the agreements concluded between the Register and MA;
- .2 provisions of the Code for Recognized Organizations (RO Code), adopted by IMO resolution MSC.349(92);
- .3 Rules for the Measurement of Vessels for the Panama Canal;
- .4 Regulations for the Measurement of Tonnage for the Suez Canal;
- .5 provisions of intergovernmental agreements on load lines in force;
- .6 ACS requirements in accordance with the agreements concluded between the Register and ACS;
- .7 requirements of other normative documents used in international sea-going practice.

**2.5.3** Surveys of the items falling under the requirements of international conventions and agreements shall be carried out in compliance with the approved technical documentation and RS normative documents considering the requirements of the above conventions, agreements and amendments thereto.

It is mandatory for the items covered by the above conventions, agreements and amendments thereto to meet the requirements of international conventions, agreements and amendments thereto, as well as the RS circulars with due regard for the dates set for their implementation.



Russian Maritime Register of Shipping

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