

INTERMARITIME CERTIFICATION SERVICES (*ICS Class*)
General Regulations for the Supervision

**RULES
FOR THE CLASSIFICATION
AND CONSTRUCTION
OF SHIPS
(Rev.2020)**



INTERMARITIME CERTIFICATION SERVICES (ICS Class)

General Regulations for the Supervision

- 1 **General provisions**
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SECTION 1

General Provisions

1.1 Definitions and explanations

In the Rules, except where expressly provided otherwise, the following definitions are adopted.

- 1.1.1 **Cargo ship:** Any ship other than a fishing vessel or a passenger ship.
- 1.1.2 **Shelter Place:** Naturally or artificially sheltered maritime zone that may be used as a shelter by a ship under conditions that are likely to endanger her safety.
- 1.1.3 **Passenger:** Every person other than:
 - .1 The master, a crew member or other persons employed or engaged in any capacity on board the ship.
 - .2 A child under one year of age.
- 1.1.4 **Passenger ship:** A ship intended for the carriage of more than twelve (12) passengers.
- 1.1.5 **Mobile offshore drilling unit:** Any ship designed to perform drilling operations for the exploration or exploitation of natural resources under the sea bed, such as oil, gas, sulphur or salt.
- 1.1.6 **Fishing vessel:** A vessel commercially used for catching fish, whales, seals, walrus or other living resources of the sea.
- 1.1.7 **Special personnel:** All persons that are not passengers, crew members nor children under one year and who are carried on board in connection with the ship's special purpose or because of special works being performed aboard the ship.

1.1.8 **Special purpose vessel:** A self propelled vessel which, by reason of her functions, carries more than twelve (12) special personnel on board, including passengers totaling 12 or less. This term includes:

- .1 Research, expeditionary and hydrographical vessels.
- .2 Training ships.
- .3 Whale and fish factory ships not engaged in catching.
- .4 Ships engaged in processing other living resources of the sea and not engaged in catching.
- .5 Salvage ships.
- .6 Other ships having design or operation particulars similar to the above mentioned.

1.1.9 **Crew:** Personnel carried on board the ship (except the Master) to ensure navigation, ship's maintenance, her machinery, systems and essential arrangements needed for her propulsion and safe navigation, and also personnel serving these persons.

1.1.10 **Ship with horizontal loading/unloading:** Ship having one or more enclosed or weather decks, usually without subdivisions and extending through the entire length, for the carriage of goods that are usually loaded/unloaded in a horizontal manner. This term includes:

- .1 *Roll-on/Roll-off ships:* Cargo ships intended for transportation of vehicles (with or without cargo) in all decks including superstructure decks.
- .2 *Ferries:* Ships intended for the regular carriage of passengers, vehicles and railroad stock (with or without cargo), mainly on the bulkhead deck or above.

1.1.11 **Tanker:** A cargo ship constructed or adapted for the carriage in bulk of liquid cargoes of an inflammable nature. This term includes:

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| <p>.1 <i>Oil tanker</i>: A ship intended for the carriage in bulk of crude oil and petroleum products with a flash point 60° C and below for seagoing ships; 55°C and below for inland navigation ships, Reid vapor pressure being below atmospheric pressure.</p> <p>.2 <i>Oil tanker (> 60° C)</i>: Sea-going ship intended for the carriage in bulk of petroleum products having a flash point over 60° C.</p> <p>.3 <i>Oil tanker (>55° C)</i>: Inland navigation ship intended for the carriage in bulk of petroleum products having a flash point over 55° C.</p> <p>.4 <i>Oil recovery ship</i>: A ship used to recover from the sea surface petroleum products having a flash point below 60° C, as prescribed in the Rules. Oil recovery vessels may operate at a safe distance from the oil spilling object, so as to avoid fire or explosion hazard, or beside the oil spilling source in oil covered waters.</p> <p>.5 <i>Gas carrier</i>: A ship constructed or adapted and used for the carriage in bulk of liquefied gases listed in the <i>International Code for the Construction and Equipment of Ships Carrying Liquefied Gases in Bulk</i>.</p> <p>.6 <i>Chemical tanker</i>: A ship constructed or adapted and used for the carriage in bulk of dangerous chemicals listed in the <i>International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk</i>.</p> | <p>1.1.16 Loading crane: A crane structure on a floating hull of pontoon type or similar, intended for cargo handling operations; it may be used for the carriage of cargoes on deck.</p> <p>1.1.17 Dry cargo ship: A ship intended for the carriage of different cargoes, as general cargo or in bulk.</p> <p>1.1.18 Offshore supply vessel: A vessel intended mainly for the carriage of supplies and cargoes to mobile and fixed offshore drilling units, usually fitted with a forward superstructure and an after weather cargo deck for the handling of cargo at sea. The ship may be used for towing operations, provided the relevant requirements of the Rules are met.</p> <p>1.1.19 Container ship: A ship intended for the carriage of goods in containers of the international standards and provided with cellular guides in the holds.</p> <p>1.1.20 Lighter: Non propelled ship designed to be used without crew and fitted as to be carried on board special ships and also fitted to be towed or pushed within a determined fairway.</p> <p>1.1.21 Additional requirements: Requirements not provided for in the Rules, set up by <i>ICS Class</i> during the supervision.</p> <p>1.1.22 Article: Machinery, arrangement, boiler or pressure vessel, apparatus, instrument, equipment item and outfit to which the requirements of the Rules are applicable.</p> <p>1.1.23 Rules: Those listed in <i>Subsection 1.3</i>.</p> <p>1.1.24 Standards: Technical and standardization documents implemented thorough the national standards, metrology and quality control system.</p> <p>1.1.25 Ship under construction: A ship after keel laid or equivalent stage but that has not received the Certificates that enable her to sail.</p> <p>1.1.26 Keel laid or equivalent stage: The beginning of a new building that can be identified with a</p> |
| <p>1.1.12 Combination carrier: A ship intended for the carriage of crude oil and petroleum products in bulks, as well as bulks cargoes.</p> <p>1.1.13 Deadweight: The difference between the ship's displacement in the summer waterline with a water density of 1.025 t/m³ and the light ship displacement.</p> <p>1.1.14 Light ship displacement: Displacement of a ship without cargo, fuel oil, lubricating oil, ballast water, fresh and boiler feed water in tanks, ship's stores, passengers, crew and their effects.</p> <p>1.1.15 Tug: A ship specially intended for the towage and pushing of other ships and floating facilities.</p> | |

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- specific *ICS Class* ship or a stage when the mass of the assembled part of the hull amounts not less than 50 tons or 1 % of the estimated mass of all the hull materials, whichever is less.
- 1.1.27 **Ship in service:** A ship which is not under construction.
- 1.1.28 **Corner fitting:** The openings and surfaces in the container's corners intended for its handling and securing.
- 1.2 Supervision**
- 1.2.1 **INTERMARITIME Certification Services** (hereinafter referred to as *ICS Class*) is a classification society established in Panama, Republic of Panama. *ICS Class* is an independent and non-profit organization that conducts its activities in an impartial and objective way in accordance with the ICS Rules and Regulations.
- 1.2.2 *ICS Class* carries out the technical supervision, classification and certification of ships through a worldwide network of offices with the purpose of producing a faithful and accurate classification of ships.
- 1.2.3 The technical supervision is based upon the requirements of the ICS Rules produced by *ICS Class* and its purpose is to determine whether the ships and articles under survey and the materials intended for the construction and repair of ships meet the requirements of the ICS Rules and other additional requirement.
- The use and compliance with the ICS Rules and additional requirement is an obligation for Designers, Shipowners, Shipyards and other organizations engaged in the manufacturing of materials to be supervised by *ICS Class*. Technical supervision by *ICS Class* does not preclude the functions of inspection bodies of the Owners, Shipyards and organizations engaged in the manufacturing of materials and articles.
- 1.2.4 *ICS Class* undertakes the technical supervision of all vessels upon request.
- 1.2.5 *ICS Class* undertakes the technical supervision of ship's refrigerating plants.
- 1.2.6 *ICS Class* carries out the supervision of ship's cargo handling gear fitted on board or ashore.
- 1.2.7 Upon special agreements, *ICS Class* may undertake the supervision of ships, materials and articles.
- 1.2.8 Technological equipment and special arrangements of factory and fishing vessels, mobile offshore drilling units (MODU) and special purpose vessels are not under *ICS Class* supervisions, with the exception of equipment listed in the relevant Chapters of the ICS Rules.
- 1.2.9 *ICS Class* considers and compares with its ICS Rules draft standards and other regulating documents related to its activities.
- 1.2.10 *ICS Class* may undertake or take part in surveys concerning matters within its scope of functions.
- 1.2.11 *ICS Class* publishes the *Ship's Register Book*, containing the main technical particulars of ships under *ICS Class* and information about their classification.
- 1.2.12 For the provided services *ICS Class* perceives the corresponding fees, in accordance with approved fee scales.
- 1.3 Rules**
- 1.3.1 Rules to be applied**
- 1.3.1.1 When carrying out surveys, *ICS Class* shall apply the following Rules and Regulations:
- .1 General Regulations for the Supervision.
- .2 Rules for the Classification and Construction of Ships.
- .3 Common Structural Rules (CSR) for Double Hull Oil Tankers and Bulk Carriers

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1.3.1.2 In addition to Rules specified in 1.3.1.1, *ICS Class* also apply the following IACS information as an external support documents:

- .1 Procedural Requirements (PRs)
- .2 Unified Requirements (URs)
- .3 Unified Interpretations (UIs)
- .4 Guidelines and Recommendations
- .5 Other Technical information

1.3.2 Application of Rules to ships and articles under construction

1.3.2.1 Newly adopted *ICS Class* Rules and their amendments shall come into force six months after publishing; nevertheless, in some cases different terms could be set. Published ICS Class Rules not yet in force shall be considered as recommendations.

1.3.2.2 Designs of ships and articles submitted to *ICS Class* for approval after the entry in force of ICS Rules or their amendments, shall comply with the requirements set in the said ICS Class Rules or amendments.

1.3.2.3 Ships and articles under construction whose technical documents have been approved before the coming into force of ICS Rules or their amendments are to comply with the requirements that are effective on the date of the documents' approval.

1.3.3 Application of Rules to ships in service

1.3.3.1 Ships in service are to comply with the requirements of those Rules to which they were constructed, unless otherwise stated in subsequent additions to the Rules.

1.3.3.2 Reconstruction or conversion of a ship in service shall be carried out in compliance with the requirements of ICS Rules in force as far as practicable and technically feasible.

1.3.4 Variations from the Rules

1.3.4.1 *ICS Class* may allow, for the construction of ships, the use of materials and articles other

than those specified in the Rules, provided they are as effective as those specified. Besides, as regards ships subject to the provisions of International Conventions, such variations may be allowed only if provisions are made in those Conventions.

In the above mentioned cases *ICS Class* shall be supplied with information needed to ascertain whether the materials, articles or structures ensure the ship's safety, the safety of life at sea, safe transportation of cargoes and prevention of pollution by the ship.

1.3.4.2 If a structure of a ship, her machinery, equipment and outfit or the materials used cannot be recognized as been sufficiently tested in service, *ICS Class* may require additional tests to be held during construction and, for ships in service, the reduction of the term between periodical surveys or the extension of their scope.

Considering the aforesaid, *ICS Class* may include conditions in the *Certificates of Class* and other issued documents and makes the corresponding entries in the *Ship's Register Book*, restricting the ship's service. Such restrictions would be lifted as soon as it is understood that positive results have been achieved during the ship's service.

1.4 Documents

1.4.1 As a result of supervision *ICS Class* issues the appropriate documents.

1.4.2 The documents that certify compliance with the requirements of the *ICS Rules for the Classification and Construction of Ships* are the following:

- .1 Hull Class Certificate.
- .2 Machinery Class Certificate.

1.4.3 When Rules and Regulations as regards surveys of hull, machinery and its equipment have not been complied with, the class will be suspended or withdrawn

1.4.4 Class will be automatically suspended and the Class Certificates will become invalid if the

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Annual or Intermediate Survey is not completed within three (3) months of the due date of the survey.

1.4.5 Class will be automatically suspended from the expiry date of the Class Certificates in the event that the Special Survey has not been completed by the due date and an extension has not been agreed.

1.4.6 Class will be automatically suspended when a condition of class imposed is not dealt with or postponed by agreement.

1.4.7 *ICS Class* may renew the validity of Class Certificates if it considers that the conditions which led to the loss of validity no longer exist. For reclassification and reinstatement of class a survey will be carried out with the scope established by *ICS Class* after case-by-case analysis if the ship be found or placed in a satisfactory condition in accordance with the requirements of the ICS Rules and Regulations.

1.5 ICS Class responsibilities

1.5.1 In providing services, information or advice, neither *ICS Class*, nor its surveyors or employees warrants the accuracy of any information or advice supplied. Therefore, neither *ICS Class*, nor its surveyors or employees (on behalf of each of whom this clause is given) shall be liable of any loss, damage or expense whatever sustained by any person due to any act, omission or error of whatsoever nature and howsoever caused by *ICS Class*, its surveyors or employees or due to any inaccuracy of whatsoever nature or howsoever caused in any information or advice given in any way whatsoever by or on behalf of *ICS Class*.

1.5.2 Notwithstanding conditions stated in *reg. 1.5.1*, if any person uses *ICS Class* services or relies on any information or advice given by or on behalf of *ICS Class* and suffers loss, damage or expense thereby which is proved to have been due to any negligent act, omission or error of *ICS Class*, its surveyors or employees, or any negligent inaccuracy in information or advice given by or on behalf of *ICS Class*, then *ICS Class* will pay compensation to such person for his proved loss up to, but not

exceeding, the amount of fee (if any) charged by *ICS Class* for that particular service, information or advice.

1.5.3 No ICS surveyor or employee is permitted under any circumstance, to accept, directly or indirectly, from any person, firm or company, with whom the work of the employee brings the employee into contact, any present, bonus, entertainment or honorarium of any sort whatsoever which is of more than nominal value or which might be constructed to exceed customary courtesy extended in accordance with accepted ethical normal standards.

1.5.4 *ICS Class* has the power to withhold or, if already granted, to suspend or withdraw any ship from class (or to withhold any certificate in any other case), in the event of non-payment of any fee stated in *reg.1.2.12*.

1.5.5 When providing services, *ICS Class* does not assess compliance with any standard other than the applicable ICS Class Rules, International Conventions, Codes, National Regulations or other standards agreed in writing

SECTION 2

Technical Supervision

2.1 General Provisions

2.1.1 The technical supervision and classification shall include:

- .1 Review and approval of the technical documentation of projects.
- .2 Supervision during manufacture of materials and articles intended for use in the construction and repair of objects under survey.
- .3 Supervision of construction, reconstruction and conversion of ships.
- .4 Surveys of ships in service.
- .5 Assignment, renewal and reinstatement of class, including entries in the *Ship's Register Book* and issue of the relevant documents.

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2.1.2	The technical supervision by <i>ICS Class</i> is to be carried out mainly by random inspections, except in cases where other procedure is adopted.		When necessary, <i>ICS Class</i> may require the supervision of manufacture of materials or articles not included in the aforementioned lists
		2.2.2	The manufacture of material and articles under <i>ICS Class</i> supervision is to be carried out in accordance with the approved technical documentation.
2.1.3	To ensure the technical supervision, ship owners, shipbuilders and the management of related enterprises are to grant the surveyors to <i>ICS Class</i> the possibility of conducting surveys to ships, free access to all places where materials and articles under supervision by <i>ICS Class</i> are manufactured and tested and shall provide all means and guarantee all conditions for optimal surveys.	2.2.3	When carrying out surveys, <i>ICS Class</i> may supervise compliance with structural, technological and production standards and processes not included in the Rules but having effect on the fulfillment of their provisions.
2.1.4	The ship owners, Shipyards, design offices and industries shall meet the requirements set up by <i>ICS Class</i> or its surveyors during the technical supervision.	2.2.4	The use of novel materials, articles or technological processes to which the Rules apply and are submitted to <i>ICS Class</i> for the first time, is to be approved by the Society prior to their application to shipbuilding, ship repairs or manufacture of materials and articles. For this purpose, after the approval of the technical design documentation, specimens of materials, articles or technological processes shall be tested within a scope to be agreed with <i>ICS Class</i> .
2.1.5	Any deviation related to materials or structural design of ships or articles to which the requirements of the Rules apply, planned by ship owners, Shipyards or industries shall be approved by <i>ICS Class</i> before they are made.		
2.1.6	Controversies arising in the course of supervision may be submitted by ship owners, Shipyards and industries to <i>ICS Class</i> 's Head Office, on the understanding that the latter gives final judgment.	2.2.5	Technical supervision of the manufacture of materials and articles shall be carried out as follows:
		.1	Supervision by a surveyor.
2.1.7	<i>ICS Class</i> may suspend technical supervision if a ship owner, shipyard or manufacturer systematically steps out from the Rules or if the other Party to a supervision contract violates it.	.2	Supervision by a recognized manufacturer.
		.3	Supervision by recognized documentation.
		.4	Supervision on behalf of <i>ICS Class</i> .
2.1.8	In case a defect is revealed in a material or article which holds a valid document, <i>ICS Class</i> may require additional tests or appropriate corrections to be made or may cancel the document if the defect is not corrected.		The method of supervision shall be determined by <i>ICS Class</i> when establishing the control of the concerned industry.
		2.2.6	In cases specified by <i>ICS Class</i> , the manufacturing industry shall be surveyed to ascertain its possibilities to produce materials or articles that meet the requirements of the Rules.
2.2	Supervision of materials and articles during manufacture		
2.2.1	The relevant Chapters of the Rules contain lists of materials and articles whose manufacture is to be carried out under <i>ICS Class</i> supervision, as well as technological processes specified by the Society.	2.2.7	During the technical supervision of the manufacture of materials and articles, the applicable surveys and tests are to be carried out in the sequence and scope set up by <i>ICS Class</i> .

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| <p>2.2.8 Materials and articles manufactured under <i>ICS Class</i>'s supervision shall be provided with the relevant documents and, if required, the brands confirming its supervision during their manufacture, as well as the marking enabling to determine their compliance with the documents.</p> <p>2.2.9 In cases specified by <i>ICS Class</i>, the manufacturing industry shall be surveyed to ascertain its possibilities to produce materials or articles that meet the requirements of the Rules.</p> <p>2.2.10 During the technical supervision of the manufacture of materials and articles, the applicable surveys and tests are to be carried out in the sequence and scope set up by <i>ICS Class</i>.</p> <p>2.2.11 In cases specified by <i>ICS Class</i> the manufacturing industry shall be surveyed to ascertain its possibilities to produce materials or articles that meet the requirements of the ICS Class Rules.</p> <p>2.2.12 In cases specified by <i>ICS Class</i>, the manufacturing industry shall be surveyed to ascertain its possibilities to produce materials or articles that meet the requirements of the Rules.</p> <p>2.2.13 During the technical supervision of the manufacture of materials and articles, the applicable surveys and tests are to be carried out in the sequence and scope set up by <i>ICS Class</i>.</p> <p>2.2.14 Materials and articles manufactured under <i>ICS Class</i> supervision shall be provided with the relevant documents and, if required, the brands confirming its supervision during their manufacture, as well as the marking enabling to determine their compliance with the documents.</p> <p>2.2.15 In properly argument cases <i>ICS Class</i> may establish special conditions of application for particular articles.</p> <p>2.2.16 In cases specified by <i>ICS Class</i>, the manufacturing industry shall be surveyed to ascertain its possibilities to produce materials</p> | <p>or articles that meet the requirements of the Rules.</p> <p>2.2.17 During the technical supervision of the manufacture of materials and articles, the applicable surveys and tests are to be carried out in the sequence and scope set up by <i>ICS Class</i>.</p> <p>2.2.18 Materials and articles manufactured under <i>ICS Class</i>'s supervision shall be provided with the relevant documents and, if required, the brands confirming its supervision during their manufacture, as well as the marking enabling to determine their compliance with the documents.</p> <p>2.2.19 In properly argument cases <i>ICS Class</i> may establish special conditions of application for particular articles.</p> <p>2.2.20 In cases specified by <i>ICS Class</i>, the manufacturing industry shall be surveyed to ascertain its possibilities to produce materials or articles that meet the requirements of the Rules.</p> <p>2.2.21 During the technical supervision of the manufacture of materials and articles, the applicable surveys and tests are to be carried out in the sequence and scope set up by <i>ICS Class</i>.</p> <p>2.2.22 Materials and articles manufactured under <i>ICS Class</i> supervision shall be provided with the relevant documents and, if required, the brands confirming its supervision during their manufacture, as well as the marking enabling to determine their compliance with the documents.</p> <p>2.2.23 In properly argument cases <i>ICS Class</i> may establish special conditions of application for particular articles.</p> <p>2.3 Technical supervision of the construction, reconstruction and conversion of ships</p> <p>2.3.1 The technical supervision of the construction, reconstruction or conversion of ships shall be carried out by the Surveyors to <i>ICS Class</i> on the basis of approved technical documents. The scope of surveys, measurements and tests</p> |
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during supervision shall be set up by *ICS Class* according to procedures in force depending on specific conditions.

2.4 Surveys of ships in service

2.4.1 Shipowners shall observe the terms of periodical surveys and other surveys required by *ICS Class*, properly preparing the ship in the appropriate way for the survey. *ICS Class* shall be informed of all accidents and repairs to the hull of a ship or articles to which the requirements of the Rules apply that occurred between surveys. If necessity of extending a periodical survey arises, instructions contained in the Rules must be taken into account.

2.4.2 If new articles covered by the Rules are fitted in a ship in service, provisions of *Subs* 2.2 and 2.3 shall be applied.

2.4.3 When replacing defective or worn out parts covered by the Rules, the new ones are to be manufactured under the applicable provisions shall have *ICS Class*'s approval.

2.5 Survey of ships in foreign ports

2.5.1 In a foreign port where there is no *ICS Class* surveyor and necessity arises of submitting the ship to unscheduled survey, or obtain a survey report, the ship's Master or a ship owners representative shall address one of the following:

- A surveyor of a classification society recognized by *ICS Class* to act on its behalf.
- A Port State Control Inspection Officer.
- An officially recognized expert or Society.

2.5.1.1 If necessity arises neither of carrying out a survey in a foreign port where there is no *ICS Class* surveyor nor of any Classification Society authorized to act on its behalf, shall the decision to be made be agreed with *ICS Class* in each case.

2.5.1.2 Documents issued by the bodies, persons or boards stated in 2.5.1.1 are to be submitted to *ICS Class* Head Office as sooner as possible.

2.5.1.3 If, during a survey to a ship in a foreign port, arise claims or recommendations that shall be checked, the ship is to be submitted to a special survey by *ICS Class*.

2.5.1.4 Documents issued by *ICS Class* concerning compliance with International Conventions are to be kept on board the ship. Certificates or their copies shall be kept in an accessible place for the inspection.

2.5.2 Surveys

2.5.2.1 **Initial survey** is a complete inspection before a ship is put into service of all items relating to particular certificate.

2.5.2.2 The initial survey is to include a thorough and complete survey of any object related to the relevant certificate, to ascertain whether its requirements are met and the elements meet the conditions imposed by the ship's service.

2.5.2.3 To determine the extent of the initial survey, the following is to be considered:

.1 If the ship has valid statutory certificates concerning compliance with international regulations in force, issued by recognized bodies, as well as class certificates issued by a recognized society and the proper technical documents, the initial survey is to be carried out to the extent of the next periodical or intermediate survey. If the necessary technical documents are not on board, the scope of the survey may be extended to those parts without proper documents.

.2 If the ship has neither valid statutory certificates, issued by a recognized society, nor the proper technical documents, the initial survey shall be carried out to the extent of the next renewal survey. If the necessary technical documents are not on board, the survey may be enhanced at *ICS Class* discretion.

.3 If the ship has neither statutory nor class certificates, *ICS Class* shall establish the extent of the initial survey.

2.5.2.4 **Annual survey** is a general inspection of the items relating to the particular certificate to ensure that they have been maintained and

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remain satisfactory for the service for which the ship is intended.

2.5.2.5 **Intermediate survey** is an inspection of specific item relevant to the particular certificate to ensure that they are in a satisfactory condition and fit for the service for which the ship is intended.

2.5.2.6 **Periodical survey** is an inspection of the items relating to the particular certificate to ensure that they are in a satisfactory condition and fit for the service for which the ship is intended and shall consist of an inspection and the necessary tests of the ship's equipment.

2.5.2.7 During the periodical survey it shall be checked that the certificates, logbooks, instructions handbooks and any other documents specified in the provisions related to each certificate are kept on board.

2.5.2.8 **Remote surveys**

2.5.2.9 For remote surveys, please refer to the document titled "PO02-TI14 Ship Remote Survey." This document provides detailed guidance and instructions on conducting remote surveys for ships. It outlines the procedures, requirements, and technical considerations for remote survey activities. By following the guidelines specified in this document, surveyors and stakeholders can effectively carry out remote surveys while ensuring compliance with relevant regulations and industry standards.

2.5.2.10 **Renewal survey** is the same as a periodical survey but also leads to the issue of a new certificate and shall consist of an inspection and the necessary tests of the hull members, machinery and equipment, to ensure whether the requirements for the relevant certificate are complied with, and their condition is satisfactory and meets the ship's service requirements.

2.5.2.11 Renewal survey shall also include checking that the certificates, logbooks, instructions handbooks and other documents specified in the relevant provisions of each certificate are kept on board.

2.5.2.12 The **inspection of the outside of the ship's bottom** and the survey of the related members are to be carried out to all ships and shall consist of a thorough examination, which enables to ascertain whether their condition is satisfactory and they fit the ship's service conditions.

2.5.2.13 Inspections of the ship's bottom are to be carried out, as a rule, at dry dock. Nevertheless, at *ICS Class*'s discretion, they may be held with the ship afloat. As a minimum, two (2) inspections of the outside of the ship's bottom are to be carried out during any 5 year period.

2.5.2.14 For specific requirement refer to PO02-TI03 Dry dock survey .

2.5.2.15 **Additional survey** is to be carried out to all ships and shall include a general or partial

survey, as deemed necessary, to ascertain whether repairs or refits needed have been properly made, whether used materials and the workmanship are satisfactory in all respects and whether the ship fully complies with the requirements of the Rules.

2.5.2.16 Mandatory survey periods shall be harmonized with survey periods for the confirming and renewal of the ship's class, as stated in the *Rules for the Classification and Construction of Ships, Ch 1*.

2.5.2.17 In passenger ships, the renewal surveys shall be carried out, at least, every 12 months

2.5.3 Extension of the validity of documents

2.5.3.1 If a ship at the time when a certificate expires, is not in a port in which it is to be surveyed by *ICS Class* or by a Class Society/RO recognized by the Administration, the validity of the certificate may be extended **up to three (3) months**, only for the purpose of allowing the ship to complete its voyage to the port in which it is to be surveyed. The extension may be granted for a period not exceeding one (1) month (for short international voyages) and three (3) months (for international voyages).

2.5.3.2 To ships engaged on short international voyages whose documents have not been extended, *ICS Class* may extend the validity of the aforementioned documents **for a period not exceeding one (1) month**.

2.5.3.3 Whenever an extension is granted, the validity of the new document shall begin from the expiry date of the existing document before the granting of the extension or from the date of conclusion of renewal surveys, as determined by the Administration.

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SECTION 3

Technical Documents

3.1 General Provisions

- 3.1.1 Prior to the beginning of a new building and of the manufacture of materials and articles under *ICS Class* supervision, the appropriate technical documents are to be submitted, including information as required by the relevant Chapters of the ICS Rules, for revision and approval by the *ICS Class*. If deemed necessary, *ICS Class* may require additional documents.
- 3.1.2 A part or the whole of the technical documentation may be substituted by standard technical documents agreed with *ICS Class*.
- 3.1.3 The extent of the technical documents submitted to *ICS Class* concerning ships, and articles of a special design shall be determined in each particular case by agreement with *ICS Class*.
- 3.1.4 The technical documents may be submitted to *ICS Class* to one of the following alternatives:
- .1 To the extent of a **Technical project** with subsequent submission of working plans for approval.
- .2 To the extent of a **Technical executive project** without further submission of documents for approval. In this case the extent of the submitted documents is to include all data needed to ascertain that the ship or article meets the requirements of the Rules, as well as to provide control of constructive particulars. The extent of the documentation in each of the alternatives above is given in the relevant Chapters of the ICS Rules.
- 3.1.5 Amendments to the technical documentation approved by *ICS Class*, related to parts and structures provided for in the requirements of the ICS Rules, are to be submitted for approval before they be carried out.

3.1.6 Technical documentation submitted for *ICS Class*'s revision is to be so worked out as to ascertain that the provisions of the ICS Rules are met.

3.1.7 Calculations necessary to determine parameters and values required by the ICS Rules are to be performed in accordance with the provisions of the ICS Rules or by procedures agreed with *ICS Class*.

3.1.8 *ICS Class* shall not review the accuracy of mathematical calculations, including computer calculations by programs, approved by the ICS Class.

3.1.9 Approval of the technical documentation is to be confirmed by the appropriate *ICS Class* seals. Approval of technical documentation does not include elements and structures to which the provisions of the ICS Rules do not apply.

3.2 Validity of approved documentation

3.2.1 The validity of documentation approved by *ICS Class* is **six (6) years**. By the expiry of this term, or in case the period between the documents' approval and the beginning of the construction exceeds **three (3) years**, the documents are to be reviewed and amended in accordance with the ICS Rules in force and submitted once more for *ICS Class* approval.

When the condition stated in the above regulation is not met with, *ICS Class* approval ceases to be valid.