



# RUSSIAN MARITIME REGISTER OF SHIPPING

**CIRCULAR LETTER**

**No. 312-12-1405c**

dated 29.06.2020

Re:

amendments to the Rules for Technical Supervision during Construction of Ships and Manufacture of Materials and Products for Ships, 2020, ND No. 2-020101-130-E

Item(s) of supervision:

technical documentation on ships, materials and products for ships

Entry-into-force date:

**01.08.2020**

~~Valid till:~~

~~Validity period extended till:~~

~~Cancels / amends / adds Circular Letter No.~~

~~dated~~

Number of pages:

1+37

Appendices:

Appendix 1: information on amendments introduced by the Circular Letter

Appendix 2: text of amendments to Part I "General Regulations for Technical Supervision" and Part II "Technical Documentation"

Director General

Konstantin G. Palnikov

Text of CL:

We hereby inform that the amendments given in the Appendices to this Circular Letter shall be introduced into the Rules for Technical Supervision during Construction of Ships and Manufacture of Materials and Products for Ships.

It is necessary to do the following:

1. Familiarize the surveyors of the RS Branch Offices with the content of the Circular Letter.
2. Apply the provisions of the Circular Letter during review and approval of the technical documentation on ships, materials and products requested for review on or after 01.08.2020, as well as when performing technical supervision during construction of ships, manufacture of equipment/products/machinery.
3. Clarify the provisions of the Circular Letter to all interested parties in the area of the RS Branch Offices' activity.

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

Part I: Chapter 1.1

Part II: paras 1.2, 3.5, 3.17 — 3.19, 4.1, 4.5 — 4.9, 5.9 — 5.12, 8.3.2, Appendix 1

Person in charge: Elena V. Baskakova

312

+7 812 6050515

"Thesis" System No. 20-99759

**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 I, Chapter 1.1	New definitions "Repair technical documentation", "Operational documentation" have been introduced, the definition "Review of technical documentation" has been specified	312-12-1405c of 29.06.2020	01.08.2020
2	Part II, para 1.2	The requirements for ships in service have been specified	312-12-1405c of 29.06.2020	01.08.2020
3	Part II, para 3.5	References to the paras of RS Rules have been specified	312-12-1405c of 29.06.2020	01.08.2020
4	Part II, paras 3.17 — 3.19	New paras containing requirements for procedures during dual classification, flag change, scope of technical documentation during class reassignment/transferring have been introduced	312-12-1405c of 29.06.2020	01.08.2020
5	Part II, para 4.1	The instructions for review of certain documents, including mooring and sea trials programmes, by the RS Branch Offices without the RHO authorization have been specified	312-12-1405c of 29.06.2020	01.08.2020
6	Part II, paras 4.5 — 4.9	New paras 4.5 — 4.7 have been introduced containing the requirements for submission to the Register of a set of copies of report documents on actual performed work upon completion of ship's construction, a set of ship operational documentation before completion of the initial survey after construction, as well as regarding the review of the repair technical documentation by the RS Branch Offices without the RHO authorization.	312-12-1405c of 29.06.2020	01.08.2020

Nos.	Amended paras/chapters/sections	Information on amendments	Number and date of the Circular Letter	Entry-into-force date
		The existing paras 4.5, 4.6 and references thereto have been renumbered 4.8, 4.9 accordingly		
7	Part II, para 5.9	The requirements for the RS Rules to be applied for review of technical documentation on products have been deleted	312-12-1405c of 29.06.2020	01.08.2020
8	Part II, paras 5.10 — 5.12	New para 5.10 containing requirements for the RS Rules to be applied for review of technical documentation on products has been introduced. The existing paras 5.10, 5.11 and references thereto have been renumbered 5.11, 5.12 accordingly	312-12-1405c of 29.06.2020	01.08.2020
9	Part II, para 8.3.2	The requirements for stamps that are put on preliminary fire plan and other documents of a preliminary nature have been specified	312-12-1405c of 29.06.2020	01.08.2020
10	Part II, Appendix 1	Appendix 1 containing the list of ship operational documentation has been introduced	312-12-1405c of 29.06.2020	01.08.2020

# **RULES FOR TECHNICAL SUPERVISION DURING CONSTRUCTION OF SHIPS AND MANUFACTURE OF MATERIALS AND PRODUCTS FOR SHIPS, 2020,**

## **ND No. 2-020101-130-E**

### **PART I. GENERAL REGULATIONS FOR TECHNICAL SUPERVISION**

#### **1 TERMS, DEFINITIONS, ABBREVIATIONS**

##### **1.1.1 Definitions.**

1 Definition "Review of technical documentation" is replaced by the following text:

"Review (expertise) of technical documentation is determination of an extent of documentation compliance with the RS requirements."

2 After the definition "Recommendations of the International Maritime Organization (IMO)" the following definition is introduced:

"Repair technical documentation is construction and production documentation as well as the normative documents required during repair of an item of supervision in accordance with the RS requirements."

3 Before the definition "Conceptual design" the following definition is introduced:

"Operational documentation is a set of design documents that define individually or jointly with other documents the rules of operation of an item and/or detail the data certifying the manufacturer's guaranteed values for the main parameters and characteristics (properties) of an item, warranties and information on its operation during the specified life, operating conditions. The operational documents also include operating manuals, record keeping logs, stability booklets, software user manuals, trials programmes, lists of materials, etc. that shall be available on board and, if required, kept updated throughout the ship's service life."

### **PART II. TECHNICAL DOCUMENTATION**

#### **1 APPLICATION**

4 **Para 1.2** is replaced by the following text:

**"1.2** The provisions of this Part are also applied in review of the technical documentation on ships in service, including documents on conversion, modification, changes, modernization, restoration and repair of the items of technical supervision as far as it is practicable and reasonable."

### 3 GENERAL

5 **Para 3.5** is replaced by the following text:

**3.5** For class assignment to a ship under construction the documentation as stated in 3.1.2 and 4 (as applicable), Part I "Classification" of the Rules for the Classification and Construction of Sea-Going Ships, applicable sections of Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships, 2.1.2, Part I "General" of the Rules for the Equipment of Sea-Going Ships, 1.4 "Technical documentation" of the Rules for the Cargo Handling Gear of Sea-Going Ships, and in other rules for the classification and construction of specialized types of ships and fixed offshore platforms (refer to 1.3 of General Regulations for the Classification and Other Activity) shall be submitted to the Register for approval.

The scope of technical documentation for ships and products of special design and purpose is subject to agreement with the Register in each particular case.

Standards on individual materials and products agreed with the Register may substitute the relevant part of the documentation or documentation as a whole."

6 **New paras 3.17 — 3.19** are introduced reading as follows:

**3.17** During dual classification of a ship, both classification societies act as one. The scope of work and the authority of each society during approval of design documentation, certification of materials and products, and survey during construction are specified in detail in Dual Classification Agreement. Results of the work performed by one society are accepted by another society for the purposes of classification in the extent provided by the Agreement. The overall dual classification results are accepted by the society responsible for the issue of statutory certificates.

**3.18** In case of flag change before completion of the ship construction or before completion of the initial survey of the ship under construction, the technical documentation that is subject to approval upon the Flag State MA authorization shall be re-approved by the Register on behalf of the new Flag State MA. The RS surveyor shall supervise the fulfillment of the terms of the Agreement between the RS and flag MA, as well as additional MA instructions, if any.

**3.19** Requirements for the scope of technical documentation of a ship under conversion, repair or renovation, as well as during RS class assignment, reassignment or class transferring into the RS Class for a ship in service, are given in relevant sections of the Rules for the Classification Surveys of Ships in Service, Guidelines on Technical Supervision of Ships in Service.

At the same time, technical documentation for conversion of single-hull tankers to double-hull tankers or bulk carriers shall meet the relevant requirements of these Rules, applicable requirements of the Rules for the Classification and Construction of Sea-Going Ships, international conventions and IACS UI SC226 (Rev.1 Dec 2012) — refer to section "Publications" of the website [www.iacs.org.uk](http://www.iacs.org.uk)."

### 4 TECHNICAL DOCUMENTATION ON SHIPS

7 **Para 4.1** is replaced by the following text:

**4.1** Plan approval documentation, technical designs, projects involving major conversions of ships, passage of ships, as well as the documentation stated in 3.6 and 3.7 are subject to review and approval by RHO or by the RS Branch Office when duly authorized by RHO.

Detailed design documentation for a ship under construction, the projects involving minor conversion (outfitting, modernization) as well as technical documentation on ships of less than 100 gross tonnage (excluding high-speed craft, passenger ships, tankers, tugs, ships designed for carriage of dangerous goods, pleasure craft with passenger capacity more than 12), operational documentation of ships under construction, as well as mooring and sea trials programmes shall be reviewed by the RS Branch Offices without the RHO authorization.

The gross tonnage shall be taken based on the design ship's tonnage calculation agreed by the Register."

8 **New paras 4.5 — 4.7** are introduced reading as follows:

**4.5** A set of copies of the report documents for the ship that contain information on actual ship's structures, installed machinery, arrangements, equipment, systems, etc. shall be submitted to the RS after completion of its construction. The terms of submission and the scope of documentation shall be agreed upon with the RS Branch Office, which carries out technical supervision during construction of ship.

**4.6** A set of ship operational documentation (refer to Appendix 1, as applicable) shall be submitted to the RS for review after the completion of the ship's construction. At the initial stage of construction or earlier (when entering into the Agreement), the shipyard shall be informed by the Register about the need to provide the RS approved operational documentation to the RS surveyor on board the ship before completion of the initial survey after construction. The terms of submission and the scope of documentation shall be agreed upon with the RS Branch Office, which carries out technical supervision during construction of ship.

**4.7** The repair technical documentation shall be reviewed without the RHO authorization by the RS Branch Offices, which perform the supervision of the ship repair in accordance with the requests by the shipowner or the enterprises authorized by the shipowner."

9 **The existing paras 4.5, 4.6** and references thereto are renumbered **4.8, 4.9** accordingly.

## 5 TECHNICAL DOCUMENTATION ON PRODUCTS

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

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

11 **New para 5.10** is introduced reading as follows:

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

12 **The existing paras 5.10, 5.11** and references thereto are renumbered **5.11, 5.12** accordingly.

## 8 PREPARATION OF RESULTS OF TECHNICAL DOCUMENTATION REVIEW

13 **Para 8.3.2** is replaced by the following text:

**.2** stamps shown in Figs. 8.2-3 and 8.2-4 are put on the List of Deviations from the RS Rules, preliminary fire plan and other similar documents of a preliminary nature, various calculations, descriptions, technical backgrounds, lists of spare parts, research reports and test results, etc., as well as on the normative documents (standards, including the shipyard and firm (manufacturer) standards, regulations, etc.);".

14 **Appendix 1** is introduced after the main text of the Part, reading as follows:

*"APPENDIX 1*

## **SHIP OPERATIONAL DOCUMENTATION FOR THE ITEMS OF RS TECHNICAL SUPERVISION**

The minimum list of mandatory ship operational documentation (as applicable) with information on its approval by the RS and/or Flag State MA is given in Table 1. For ships covered by the requirements of international conventions (SOLAS, International Load Line Convention, MARPOL 73/78, etc.) one shall also be guided by the List of documents to be available on board the ship given in Appendix 12, IMO resolution A.1138(31) as amended — as applicable. For all ships one also shall be guided by the national MA requirements, if any, regarding the availability of additional ship documents.

As regards the approval of the MA, one shall be guided by the provisions of agreements with particular MA concerning the RS authorizations for review and approval of technical documentation. If MA authorization is available, the appropriate RS stamp shall apply to confirm approval/agreement on behalf of the MA.

The table essentially provides references to the Rules for the Classification and Construction of Sea-Going Ships, as well as to the main international conventions and codes. For specialized types of ships, MODU, FOP, FPU one shall also be guided by the rules for construction of the corresponding types of ships and offshore installations. For certain categories of descriptive notations and distinguishing marks in the class notation the information provided in the list of operational documentation is additional to the main documentation required in accordance with 3.1.2, Part I "Classification" of the Rules for the Classification and Construction of Sea-Going Ships, as well as the relevant requirements of the rules for construction of specialized types of ships and offshore installations.

The list of operational documentation for ships of inland navigation (for European inland waterways), nuclear ships and floating facilities, nuclear support vessels, auxiliary ships of war, small craft, pleasure craft, small sea fishing vessels, sport sailing vessels shall be determined by the Branch Office for supervision of construction of ships, taking into account the relevant RS Rules and Guidelines for these types of ships and Table 1 below, as applicable.

Table 1

Nos.	Document name	RS approval	Flag MA approval	Stamp	Application
<b>General</b>					
1	Documentation related to list of equivalents	+	+	Depending on type of approved documentation	3.12, Part II "Technical documentation" of these Rules
2	List and justification of deviations from the requirements of RS Rules	+	-	Agreed	1.3.4 of the General Regulations for the Classification and other Activity; 3.12, Part II "Technical documentation" of these Rules
3	Engineering analysis or evaluation of the alternative design and arrangements	+	+	Approved	3.1.8, Part I "Classification" of the Rules for the Classification and Construction of Sea-Going Ships; 3.12, Part II "Technical documentation" of these Rules
4	Asbestos free declaration	-	-	nil	(required during initial survey under construction as well as during replacement/installation of new materials, products, equipment in service) SOLAS 74 as amended, reg. II-1/3-5 (with account of IMO resolution MSC.282(86)), IMO circulars MSC/Circ.1045 "Guidelines for maintenance and monitoring of on-board materials containing asbestos", MSC.1/Circ.1374 "Information on prohibiting the use of asbestos on board ships", MSC.1/Circ.1379 "Unified Interpretation of SOLAS Regulation II-1/3-5" and MSC.1/Circ.1426/rev.1 "Unified Interpretation of SOLAS Regulation II-1/3-5"; Annex 48 to the Guidelines on Technical Supervision of Ships in Service; IACS Recommendation No. 130; 2.10.3, Chapter 2 of the MODU Code 2009 (IMO resolution A.1023(26))
5	As-built structural drawings and other plans, showing the latest subsequent changes in ship's structures	+	-	Stamps depending on type of approved documentation within the design	(for ships built on or after 01.01.2007) SOLAS as amended, reg. II-1/3-7; IMO circular MSC/Circ.1135



Nos.	Document name	RS approval	Flag MA approval	Stamp	Application
6	Mooring and sea trials programme	+	-	Approved	3.5, Part I "Classification" of the Rules for the Classification and Construction of Sea-Going Ships; 2.5, Part I of the Rules for the Equipment of Sea-Going Ships; some sections of Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships; applicable paras of the Guidelines on Technical Supervision of Ships under Construction (for instance, 5.16, 5.17, 6.6, 7.8, 7.9, 8.4, 9.7, 9.8, 10.4, 12.4, 15.4, 16.4, 17.6, 18 etc.); 2.3, 2.4, Part II "Survey schedule and scope" of the Rules for the Classification Surveys of Ships in Service
7	Noise survey report in accordance with the Code on Noise Levels on Board Ships	-	-	nil	SOLAS 1974 as amended, reg. II-1/3-12
8	List of operational limitations	-	-	nil	SOLAS 74 reg. V/30.2 (for passenger ships)
9	Ship conversion, modernization, modification project (containing measures and arrangements for ship conversion, modernization, modification)	+	+ (when required as per the terms of agreement)	Depending on type of approved documentation within the design	3.1.5, Part I "Classification" of the Rules for the Classification and Construction of Sea-Going Ships; 4.9, Part II "Survey schedule and scope" of the Rules for the Classification Surveys of Ships in Service; Sect. 3, Part II "Carrying out classification surveys of ships" of the Guidelines on Technical Supervision of Ships in Service
10	Passage plan	+	-	Approved	Sect. 8, Part II "Carrying out classification surveys of ships" of the Guidelines on Technical Supervision of Ships in Service
11	Ship Security Plan and associated records	+	+	Approved	SOLAS 74 reg. XI-2/9 and ISPS Code part A/9 and 10

Nos.	Document name	RS approval	Flag MA approval	Stamp	Application
<b>Stability, subdivision, strength of ship's hull, carriage of cargoes</b>					
12	Inclining Test Report	+ (when inclining is performed under the RS supervision)	-	Endorsed by RS surveyor	(during inclining experiment, required by RS Rules) 1.5, Part IV "Stability" of the Rules for the Classification and Construction of Sea-Going Ships); part IV "Stability" of the Rules for Classification, Construction and Equipment of Mobile Offshore Drilling Units and Fixed Offshore Platforms; part IV "Stability" of the Rules for the Classification, Construction and Equipment of Floating Offshore Oil-and-Gas Production Units (FPU); Sect. 3, Part IV "Stability" of the Rules for the Classification and Construction of Type A WIG Craft; Sect. 5, Part IV "Stability" of the Rules for the Classification and Construction of High-Speed Craft
13	Maneuvering booklet and information	+	-	Approved	SOLAS 74 as amended, reg. II-1/28, IMO resolution A.601(15), IMO resolution MSC.137(76), IMO circular MSC/Circ.1053
14	Stability Booklet	+	+	Approved	Part IV "Stability" of the Rules for the Classification and Construction of Sea-Going Ships; SOLAS 74 regs. II-1/5 and II-1/5-1, and LL 1966/LL PROT 1988 reg. 10; MARPOL 73/78, Annex I, regs. 27 and 28; 2.2.5, Chapter II, IGC Code, as amended (for ships intended for the carriage of liquefied gases in bulk); 2.2.5, Chapter II, IBC Code, as amended (for ships intended for the carriage of dangerous chemicals in bulk); 1.4.8.1, Part IV "Stability" of the Rules for Classification, Construction and Equipment of Mobile Offshore Drilling Units and Fixed Offshore Platforms; 1.4, Part IV "Stability" of the Rules for the Classification, Construction and Equipment of Floating Offshore Oil-and-Gas Production Units (FPU); 2.8, Part IV "Stability" of the Rules for Classification and Construction of Type A WIG Craft; Sect. 5, Part IV "Stability" of the Rules for Classification and Construction of High-Speed Craft
15	Information on the Effect of Flooding	+	+	Approved	(if applicable) — refer to 1.4.9, Part V "Subdivision" of the Rules for the Classification and Construction of Sea-Going Ships

Nos.	Document name	RS approval	Flag MA approval	Stamp	Application
16	Light-Weight Check Report (if the ship is exempted from inclining test)	+	+	Endorsed by RS surveyor	(during light-weight check of a ship) 1.5, Part IV "Stability" of the Rules for the Classification and Construction of Sea-Going Ships; 1.5, Part IV "Stability" of the Rules for Classification, Construction and Equipment of Mobile Offshore Drilling Units and Fixed Offshore Platforms; Part IV "Stability" of the Rules for the Classification, Construction and Equipment of Floating Offshore Oil-and-Gas Production Units (FPU); Sect. 3, Part IV "Stability" of the Rules for Classification and Construction of Type A WIG Craft; Sect. 5, Part IV "Stability" of the Rules for Classification and Construction of High-Speed Craft
17	Damage Stability Booklet	+	+	Approved	1.4.6, Part V "Subdivision" of the Rules for the Classification and Construction of Sea-Going Ships; SOLAS regs. II-1/8, II-1/19; MARPOL, Annex I, reg. 28; 1.4, Part V "Subdivision" of the Rules for the Classification, Construction and Equipment of Floating Offshore Oil-and-Gas Production Units (FPU); 1.4.4, Part V "Subdivision" of the Rules for Classification, Construction and Equipment of Mobile Offshore Drilling Units and Fixed Offshore Platforms; Part V "Reserve of buoyancy and subdivision" of the Rules for Classification and Construction of Type A WIG Craft; Part V "Reserve of buoyancy and subdivision" of the Rules for Classification and Construction of High-Speed Craft
18	Booklet (Information) on stability and strength during carriage of bulk cargoes other than grain	+	+	Approved	1.4.9.7, Part II "Hull" of the Rules for the Classification and Construction of Sea-Going Ships; SOLAS as amended, regs. VI/7.2 and XII/8 and Code of Practice for the Safe Loading and Unloading of Bulk Carriers (BLU Code); IMO resolution A.862(20)
19	Loading Manual	+	+	Approved	1.4.9 and 3.3.6, Part II "Hull" of the Rules for the Classification and Construction of Sea-Going Ships; reg. 10(1), Chapter II, LL-66 as amended; SOLAS 74 as amended, reg. XII/11; 1.4.9, Part IV "Stability" of the Rules for Classification, Construction and Equipment of Mobile Offshore Drilling Units and Fixed Offshore Platforms (the Guidance for the ballast system arrangement plan)

Nos.	Document name	RS approval	Flag MA approval	Stamp	Application
20	Grain Stability Booklet	+	+	Approved	1.4.11.4, Part IV "Stability" of the Rules for the Classification and Construction of Sea-Going Ships; 3.5.6 of Appendix 1 to Part IV "Stability" of the Rules for the Classification and Construction of Sea-Going Ships; SOLAS 74 reg. VI/9 and Grain Code, section 3
21	Damage Control Plan	+	+	Approved	1.4.6 and 1.4.9, Part V "Subdivision" of the Rules for the Classification and Construction of Sea-Going Ships; SOLAS 74 reg. II-1/19 and circular MSC.1/Circ.1245, as amended
22	Loading instrument with the User's manual	+	-	Approved	1.4.9, 3.3.6 and Appendix 2 to Part II "Hull" of the Rules for the Classification and Construction of Sea-Going Ships
23	Stability instrument with User's manual (software for stability calculations)	+	+	Agreed	1.4.12, Part IV "Stability" of the Rules for the Classification and Construction of Sea-Going Ships; 3.2.7, Part IV "Stability" of the Rules for the Classification and Construction of Sea-Going Ships; 3.4.6, Part IV "Stability" of the Rules for the Classification and Construction of Sea-Going Ships (for oil tankers); 2.7.5, Part V "Subdivision" of the Rules for the Classification and Construction of Sea-Going Ships; 1.2, Part IV "Stability, subdivision and freeboard" of the Rules for the Classification and Construction of Chemical Tankers; 1.4, Part III "Stability, subdivision and freeboard" of the Rules for the Classification and Construction of Ships Carrying Liquefied Gases in Bulk; 1.4.9, Part V of the Rules for Classification, Construction and Equipment of Mobile Offshore Drilling Units and Fixed Offshore Platforms; IMO resolutions MEPC.248(66), MEPC. 249(66), MEPC.250(66), MSC.369(93), MSC.370(93), MSC.376(93), MSC.377(93)
24	Test loading conditions of the loading instrument	+	-	Approved	(if applicable, refer to item 22 above) — refer also to 1.4.9, 3.3.6 and Appendix 2 to Part II "Hull" of the Rules for the Classification and Construction of Sea-Going Ships
25	Test loading conditions of the stability instrument (software for stability calculations)	+	-	Approved	(if applicable, refer to item 23 above) — refer also to 1.4.12, Part IV "Stability" of the Rules for the Classification and Construction of Sea-Going Ships

Nos.	Document name	RS approval	Flag MA approval	Stamp	Application
26	Onboard damage stability software or rapid access to shore-based computerized support organization, recognized by RS, which makes damage stability and residual strength assessments	+	-	Approved	SOLAS reg. II-1/8-1 as amended by IMO resolution MSC.325(90) (for passenger ships); 2.7.5, Part V "Subdivision" of the Rules for the Classification and Construction of Sea-Going Ships
27	Determination (calculation) of the ship's hull scantlings according to the RS Rules	+	-	Agreed	For ships under construction — information shall be submitted within the design (no separate document is needed); for existing ships — information shall be submitted in case of change of ship's type, its main particulars, cargo capacity, extension of the area of navigation, boundaries of navigation within the prescribed area, conversion of a ship, assignment of RS class (in applicable cases), etc.; Sect. 5, Part I "General provisions", 3.2, Part II "Survey schedule and scope" and Sect. 4 of Annex 2 to the Rules for the Classification Surveys of Ships in Service
28	Calculation of permissible residual scantlings for hull members	+	-	Agreed	(if applicable) — refer to Sect. 5, Part I, 3.2, Part II "Survey schedule and scope" and Sect. 4 of Annex 2 to the Rules for Classification Surveys of Ships in Service
29	Calculation of ship's hull overall longitudinal strength	+	-	Agreed	1.4, Part II "Hull" of the Rules for the Classification and Construction of Sea-Going Ships; 3.2, Part II "Survey schedule and scope" of the Rules for Classification Surveys of Ships in Service; Sect. 2 of Annex 2 of the Rules for Classification Surveys of Ships in Service
30	Justifying the purpose of ice class assignment	+	-	Agreed	For ships under construction — information shall be submitted within the design (no separate document is needed); for existing ships — information shall be submitted in case of assignment/changing of ice class of a ship

Nos.	Document name	RS approval	Flag MA approval	Stamp	Application
31	Flooding Detection System Manual	+	+	Approved	For bulk carriers — refer to SOLAS reg. XII/12, IMO resolution MSC.145(77) and 3.4.11, Part V "Subdivision" of the Rules for the Classification and Construction of Sea-Going Ships; for cargo ships having length < 100 m, which are not bulk carriers — refer to IMO resolution MSC.216(82), 3.4.13, Part V "Subdivision" of the Rules for the Classification and Construction of Sea-Going Ships; cargo ships having one cargo hold and which are not bulk carriers, built before 01.01.2007, shall comply with relevant requirements not later than 31.12.2009
32	Ship's structure access manual	+	+	Approved	7.14, Part III "Equipment, arrangements and outfit" of the Rules for the Classification and Construction of Sea-Going Ships (SOLAS 74/04 reg. II-1/3-6.4)
33	Document on condition assessment of the transverse watertight corrugated bulkhead between cargo holds No. 1 and No. 2	+	-	Agreed	5.9, Part III "Additional surveys of ships depending on their purpose and hull material" of the Rules for Classification Surveys of Ships in Service (SOLAS 74/04 reg. XII/6.1 and IACS UR S19) (for bulk carriers with single skins of 150 m in length and above)
34	Document on evaluation of allowable hold loading of cargo hold No. 1	+	-	Agreed	5.10, 5.11, Part III "Additional surveys of ships depending on their purpose and hull material" of the Rules for Classification Surveys of Ships in Service (SOLAS 74/04 reg. XII/6.1 and IACS UR S22, S23) (for bulk carriers with single skins 150 m long and above)
35	Document on condition assessment of side frames in cargo holds	+	-	Agreed	5.12, Part III "Additional surveys of ships depending on their purpose and hull material" of the Rules for Classification Surveys of Ships in Service (SOLAS 74/04 reg. XII/5.1 and IACS UR S31) (for bulk carriers with single skins)
<b>Machinery, propulsion, systems</b>					
36	Torsional vibration calculation	+	-	Agreed	3.2.7.5.11, Part I "Classification" of the Rules for the Classification and Construction of Sea-Going Ships; Sect. 8, Part VII "Machinery installations" of the Rules for the Classification and Construction of Sea-Going Ships; 6.7 of the Guidelines on Technical Supervision of Ships under Construction; 2.4, 2.11, Part II "Survey schedule and scope" of the Rules for Classification Surveys of Ships in Service
37	Torsional vibration measurements results	+	-	Agreed	6.7 of the Guidelines on Technical Supervision of Ships under Construction; 2.4, Part II "Schedule and scope of surveys" of the Rules for Classification Surveys of Ships in Service

Nos.	Document name	RS approval	Flag MA approval	Stamp	Application
38	Programme on the machinery and equipment vibration measurements	+	-	Approved	9.1.2, Part VII "Machinery installations" of the Rules for the Classification and Construction of Sea-Going Ships; 18.6 of the Guidelines on Technical Supervision of Ships under Construction
39	Results of vibration measurements	+	-	Agreed	Sect. 18 of the Guidelines on Technical Supervision of Ships under Construction; 2.4, 2.11, Part II "Survey schedule and scope" of the Rules for Classification Surveys of Ships in Service
40	AMSS Service Manual	+	-	Agreed	7.2.9, Part VII "Machinery installations" of the Rules for the Classification and Construction of Sea-Going Ships
<b>Equipment, arrangements and outfit</b>					
41	Manual on operation and repair of doors in shell plating	+	-	Approved	7.15, Part III "Equipment, arrangements and outfit" of the Rules for the Classification and Construction of Sea-Going Ships
42	Cargo Securing Manual	+	+	Approved	SOLAS 74 regs. VI/5.6 and VII/5 and MSC.1/Circ.1353/Rev.1 (for ships intended for the carriage of general dry cargoes)
43	Towing and mooring arrangements plan (for the master of a ship)	+	-	Approved	1.4.2, Part III "Equipment, arrangements and outfit" of the Rules for the Classification and Construction of Sea-Going Ships; SOLAS 74 as amended, reg. II-1/3-8, IMO circular MSC/Circ.1175
44	Emergency towing procedure	+	-	For information	5.7.11, Part III "Equipment, arrangements and outfit" of the Rules for the Classification and Construction of Sea-Going Ships (SOLAS 74 as amended, reg. II-1/3-4, IMO circular MSC.1/Circ.1255)
45	Cargo Safe Access Plan (CSAP)	+	+	Approved	(for ships which are specifically designed and fitted for the purpose of carrying containers) SOLAS 74 as amended, regs. VI/5.6 and VII/5, IMO circular MSC.1/Circ.1353/Rev.1, the Code of safe practice for cargo stowage and securing (CSS Code)

Nos.	Document name	RS approval	Flag MA approval	Stamp	Application
<b>Fire protection</b>					
46	Fire protection scheme and safety plan	+	+	Approved	1.4, Part VI "Fire protection" of the Rules for the Classification and Construction of Sea-Going Ships (SOLAS 74 as amended, regs. II-2/15.2.4, II-2/15.3.2, II-2/16.2, IMO resolutions A.952(23), A.756(18)); 1.5, Part VI "Fire and explosion protection" of the Rules for the Classification, Construction and Equipment of Floating Offshore Oil-and-Gas Production Units; 1.3, Part VI "Fire protection" of the Rules for the Classification, Construction and Equipment of Mobile Offshore Drilling Units and Fixed Offshore Platforms; MODU Code 2009; Part VI, "Fire protection" of the Rules for the Classification and Construction of Type A WIG Craft
47	Guidelines for maintenance, testing and inspection of fire protection systems and appliances	+	+	Approved	1.4, Part VI "Fire protection" of the Rules for the Classification and Construction of Sea-Going Ships (SOLAS 74 as amended, regs. II-2/14.2.2, 14.3, 14.4); 1.5, Part VI "Fire and explosion protection" of the Rules for Classification, Construction and Equipment of Floating Offshore Oil-and-Gas Production Units; 1.3, Part VI "Fire protection" of the Rules for the Classification, Construction and Equipment of Mobile Offshore Drilling Units and Fixed Offshore Platforms; MODU Code 2009
48	Document of approval of alternative design and arrangements for fire safety (SOLAS 74/02/08 reg. II-2/17)	+	+	Approved	1.7, Part VI "Fire protection" of the Rules for the Classification and Construction of Sea-Going Ships (SOLAS 74 as amended, reg. II-2/17)
<b>Life-saving appliances and equipment</b>					
49	Ship-specific plans and procedures for recovery of persons from the water (SOLAS reg. III/17-1, MSC.1/Circ.1447)	-	-	nil	SOLAS reg. III/17-1, MSC.346(91), MSC.1/Circ.1447 (if applicable)
50	Training manual	-	-	nil	SOLAS 74 as amended, reg. III/35



Nos.	Document name	RS approval	Flag MA approval	Stamp	Application
<b>Electrical and electronic equipment</b>					
51	The list of electrical and electronic equipment intended to be operated on the bridge or in the vicinity of the bridge, and evidence of their electromagnetic compatibility (EMC)	+	-	Agreed	Annex 4, Part V of the Rules for the Equipment of Sea-Going Ships; Appendix 3, Sect. 16 of the Guidelines on Technical Supervision of Ships under Construction; IACS UI SC194
<b>Cargo handling gear</b>					
52	Instructions for derricks operating in union purchase rig with indication of the working range, safe working load, types, sizes and scheme of rigging	+	-	Agreed	1.4 of the Rules for the Cargo Handling Gear of Sea-Going Ships
<b>Marine pollution prevention (by oil, noxious substances, sewage, wastage), atmosphere pollution prevention</b>					
53	Shipboard Oil Pollution Emergency Plan	+	+	Approved	MARPOL 73/78 as amended, Annex I, reg. 37.1, IMO resolution MEPC.54(32) as amended by IMO resolution MEPC.86(44)
54	Shipboard Marine Pollution Emergency Plan for Noxious Liquid Substances	+	+	Approved	MARPOL 73/78, Annex II, reg. 17
55	Shipboard Pollution Emergency Plan (combined, refer to items 53 and 54 above)	+	+	Approved	MARPOL 73/78 as amended, Annex I, reg. 37.3
56	Prompt access to shore-based computerized support organization, which makes damage stability and residual strength assessments	-	-	Verification of availability of the valid agreement with organization	MARPOL 73/78 as amended, Annex I, reg. 37.4 (for oil tankers of 5000 and above of deadweight)
57	Ship to Ship (STS) Operations Plans	+	+	Approved	MARPOL 73/78, Annex I, reg. 41
58	Cargo record book	-	-	nil	MARPOL 73/78, Annex II, reg.15

Nos.	Document name	RS approval	Flag MA approval	Stamp	Application
59	Shipboard Garbage Management Plan	+	+	Approved (if MA authorization is available)	MARPOL 73/78 as amended, Annex V, reg. 10, IMO resolution MEPC.220(63); Sect. 8 of Appendix 1 to the Guidelines on the Application of Provisions of the International Convention MARPOL 73/78
60	Garbage record book	-	-	nil	MARPOL 73/78, Annex V, reg. 9
61	Calculation of untreated sewage water discharge rate	+	+	Agreed/Approved (stamp "Approved" for ship to which MARPOL 73/78 Convention applies)	Ships having untreated sewage water discharge pipeline. Calculations shall be carried out in accordance with Recommendation on standards of untreated sewage water discharge rate from ships in accordance with IMO resolution MEPC.157(55); MARPOL 73/78, Annex IV
62	Sewage Management Plan and procedure for sewage record keeping	+	-	Agreed	Sect. 3, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships (for <b>ECO/ECO-S</b> only)
63	Procedure for keeping records on detection and elimination of impermissible operating leakages of petroleum products i.e. fuel oil, hydraulic oil, etc.	+	-	For information	Sect. 3, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships (for <b>ECO/ECO-S</b> only)
64	Guidelines on methods and arrangements	+	+	Approved	MARPOL 73/78, Annex II, reg. 14.1, IMO resolution MEPC.18(22) as amended by IMO resolution MEPC.62(35) (chemical tankers, ships carrying noxious substances in bulk)
65	Oil record book, Parts I & II	-	-	nil	MARPOL 73/78 as amended, Annex I, regs. 17, 36
66	Oil Discharge Monitoring and Control (ODMC) Operational Manual	+	+	Approved	MARPOL 73/78, Annex I, reg. 31.4; IMO resolution A.496(XII); IMO resolution A.586(14), as amended by IMO resolution MEPC.24(22) and IMO resolution MEPC.108(49) as amended by IMO resolution MEPC.240(65)
67	Operations and Equipment Manual for Crude Oil Washing Systems (COW Manual)	+	+	Approved	MARPOL 73/78, Annex I, reg. 35

Nos.	Document name	RS approval	Flag MA approval	Stamp	Application
68	Volatile Organic Compound (VOC) Management Plan	+	+	Approved	MARPOL 73/78, Annex VI, regs. 15.6 and 15.7 (for oil tankers, carrying crude oil, and gas carriers, if applicable)
69	Technical documentation for the cargo vapour discharge system including principal diagram of the pipeline for vapour collection on oil tanker with indication of location and purpose of all control and safety arrangements	+	+	Approved	For oil tankers carrying crude oil, petroleum products, as well as for chemical tankers carrying chemical cargoes with flashpoint < 60 °C for which MARPOL 73/78, Annex VI, reg. 15.1 applies (MSC/Circ.585)
70	Cargo transfer procedure	+	-	For information	For oil tankers carrying crude oil, petroleum products, as well as for chemical tankers carrying chemical cargoes with flashpoint < 60 °C for which MARPOL 73/78, Annex VI, reg. 15.1 applies (MSC/Circ.585)
71	Manufacturer's Operating Manual for Incinerators	-	-	nil	MARPOL 73/78, Annex VI, reg. 16.7
72	Written procedure showing fuel oil changeover before entering into an SO <sub>x</sub> emission control area	-	-	nil	MARPOL 73/78, Annex VI, reg. 14 (if applicable)
73	Ozone Depleting Substances Record Book	-	-	nil	For ships for which MARPOL 73/78, Annex VI, regs. 6.1 and 12.6 apply
74	Record book of engine parameters for each engine subject to survey in accordance with NO <sub>x</sub> Technical Code (in case of application of engine parameters verification method)	-	-	nil	NO <sub>x</sub> Technical Code, paragraph 2.3.7
75	SO <sub>x</sub> Emissions Compliance Plan (SECP)	+	+	Approved	In case of installation of exhaust gas cleaning system (EGCS) for SO <sub>x</sub> in accordance with IMO resolution MEPC.259(68)
76	Exhaust gas cleaning system Technical Manual	+	+	Approved	In accordance with IMO resolution MEPC.259(68)

Nos.	Document name	RS approval	Flag MA approval	Stamp	Application
77	Onboard Monitoring Manual (OMM)	+	-	Approved	In case of installation of exhaust gas cleaning system (EGCS) for SO <sub>x</sub> in accordance with IMO resolution MEPC.259(68)
78	Record Book of SO <sub>x</sub> -Reducing Device Parameters (EGCS)	+	+	Approved	In case of installation of exhaust gas cleaning system (EGCS) for SO <sub>x</sub> in accordance with IMO resolution MEPC.259(68)
79	Engine's Technical File for NO <sub>x</sub> (for engines of power output more than 130 kW)	+	+	Approved	NO <sub>x</sub> Technical Code 2008, paragraph 2.3.4
80	Technical file of approved method (for ship's diesel engine with power output more than 5000 kW and a per cylinder displacement at or above 90 l, installed on board a ship built on or after 1 January 1990 or after but prior to 1 January 2000)	+	+	Approved	Technical file of ship's diesel engine exhaust is applicable to engines for which limits for nitrogen oxides emission listed in regs. 13.3, 13.4 and 13.5.1, Annex VI to MARPOL 73/78 apply, and technical file of approved method is applicable to engines falling under reg. 13.7.1, Annex VI to MARPOL 73/78
<b>Ship's energy efficiency</b>					
81	Ship Energy Efficiency Management Plan (SEEMP) required by regulation 22 of Annex VI to MARPOL 73/78	-	-	For ships of GT of 5000 and above, engaged in international voyages, the "Confirmation of compliance ship energy efficiency management plan (SEEMP) PART II" (form 2.4.43.1) is issued	All ships of GT 400 and above (new and existing), excluding platforms (including floating offshore oil-and-gas production units), drilling units independently of their propulsion units, and any other non-self-propelled ship; for ships of GT 5000 and above, engaged in international voyages, SEEMP plan shall contain part II of the Plan (Ship fuel oil consumption data collection plan); Sect. 3, Part I of the Guidelines on the Application of Provisions of the International Convention MARPOL 73/78 (MARPOL 73/78, Annex VI, regs. 22 и 22A, MEPC.282(70))

Nos.	Document name	RS approval	Flag MA approval	Stamp	Application
82	Energy Efficiency Design Index (EEDI Technical file)	+	-	Agreed	MARPOL 73/78, Annex VI, reg. 20; Sect. 3, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships (for <b>ECO</b> or <b>ECO-S</b> )
<b>Ballast water management</b>					
83	Ballast Water Management Plan	+	+	Approved	2.5, Part III "Survey of ships in compliance with international conventions, codes, resolutions and rules for the equipment of sea-going ships" of the Guidelines on Technical Supervision of Ships in Service (BWM-2004 Convention, reg. B-1 and IMO resolution MEPC.127(53) as amended)
84	Ship's Guidelines for Safe Water Ballast Exchange at Sea	+	-	Agreed	Sect. 3, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships (only for <b>ECO</b> or <b>ECO-S</b> )
85	Ship's software for planning water ballast exchange at sea (where applicable)	+	-	Approved	Sect. 3, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships (only for <b>ECO</b> or <b>ECO-S</b> )
86	Ballast Water Record Book	-	-	nil	BWM-2004, article 9.1 (b) and reg. B-2; Sect. 3, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships (also for <b>ECO</b> or <b>ECO-S</b> )
<b>Recycling</b>					
87	Inventory of Hazardous Materials	+	+	Compliance of the Inventory to the requirements shall be endorsed by the RS surveyor's signature and stamp	In accordance with the Regulation (EU) No. 1257/2013 of the European Parliament, the Hong Kong International Convention for the Safe and Environmentally Sound Recycling of Ships, 2015 Guidelines for the development of the inventory of hazardous materials (refer to IMO resolution MEPC.269(68)); 3.3, Part III "Survey of ships in compliance with international conventions, codes, resolutions and rules for the equipment of sea-going ships" of the Guidelines on Technical Supervision of Ships in Service

Nos.	Document name	RS approval	Flag MA approval	Stamp	Application
<b>Coatings, materials</b>					
88	List of specifications for paintwork materials used for protection of cargo and ballast spaces, living and service spaces and underwater hull			Refer to 2.12.7 of the Guidelines on Technical Supervision of Ships under Construction	1.2.5 and 3.3.5, Part II "Hull" and 6.5, Part XIII "Materials" of the Rules for the Classification and Construction of Sea-Going Ships, as well as Sect. 3, Part III "Technical Supervision during Manufacture of Materials" of these Rules, 2.12.7 of the Guidelines on Technical Supervision of Ships under Construction; IACS UR Z8 and Z9, SOLAS 74/78 as amended, reg. II-1/3-2 (IMO resolutions MSC.215(82) and MSC.216(82)), SOLAS 74/78 as amended, reg. II-1/3-11 (IMO resolutions MSC.288(87) and MSC.291(87))
89	The safety certificate on antifouling coating			Refer to 2.12.7 of the Guidelines on Technical Supervision of Ships under Construction	2.12.7 of the Guidelines on Technical Supervision of Ships under Construction; 2.4, Part III "Survey of ships in compliance with international conventions, codes, resolutions and rules for the equipment of sea-going ships" of the Guidelines on Technical Supervision of Ships in Service; AFS Convention, Annex 4, reg. 2, EC regulation 782/2003
90	Final Inspection Report on application of coatings for protection of cargo and ballast spaces, living and service spaces and underwater hull			Refer to 2.12.7 of the Guidelines on Technical Supervision of Ships under Construction	2.4, Part III "Survey of ships in compliance with international conventions, codes, resolutions and rules for the equipment of sea-going ships" of the Guidelines on Technical Supervision of Ships in Service; Appendix 2 to Sect. 2 "Hull" of the Guidelines on Technical Supervision of Ships under Construction
91	Coating Technical File in accordance with the Performance Standard for Protective Coatings for Dedicated Seawater Ballast Tanks in all types of Ships and Double-side Skin Spaces of Bulk Carriers (PSPC)/ Performance standard for protective coatings for cargo oil tanks of crude oil tankers (PSPC-COT)			Refer to 2.12.7 of the Guidelines on Technical Supervision of Ships under Construction	SOLAS 74/78 as amended, reg. II-1/3-2 (IMO resolutions MSC.215(82) and MSC.216(82)), SOLAS 74/78 as amended, reg. II-1/3-11 (IMO resolutions MSC.288(87) and MSC.291(87))

Nos.	Document name	RS approval	Flag MA approval	Stamp	Application
92	Biofouling Management Plan and Biofouling Record Book	-	-	nil	In accordance with IMO resolution MEPC.207(62); Sect. 3, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships (also for <b>ECO</b> or <b>ECO-S</b> )
<b>Operation in polar waters</b>					
93	Polar Water Operational Manual (PWOM)	-	-	nil	For ships, operating in polar waters and for which part I-A of the Polar Code applies (refer to the Guidelines on Application of the International Code for Ships Operating in Polar Waters (Polar Code))
<b>Carriage of dangerous goods, INF</b>					
94	Justification of possibility of carrying bulk cargoes possessing chemical hazards and/or materials hazardous only in bulk (MHB)	+	-	Approved	(if applicable) — refer to 2.1.12, Part III "Survey of ships in compliance with international conventions, codes, resolutions and rules for the equipment of sea-going ships" of the Guidelines on Technical Supervision of Ships in Service
95	Shipboard emergency plan developed in accordance with "Guidelines for developing shipboard emergency plans for ships carrying materials subject to the INF Code" adopted by IMO resolution A.854(20)	+	-	Approved	For ships, carrying materials subject to the INF Code, adopted by IMO resolution A.854(20)
96	Radiation protection programme (for carriage of dangerous goods of class 7 and INF cargoes)	+	-	For information (to be agreed with Flag State MA competent authorities)	Annex 25 to the Guidelines on Technical Supervision of Ships in Service (during carriage of dangerous goods of class 7 and INF cargoes)
<b>If mark ESP is available</b>					
97	Enhanced survey programme (ESP), ESP ship's file	+	+	Approved	(for ships in service having distinguishing mark ( <b>ESP</b> ) in class notation) 1.3, 1.4, Part III of the Rules for Classification Surveys of Ships in Service; SOLAS 74 reg. XI-1/2 and 2011 ESP Code paragraphs 6.2 and 6.3 of annex A, part A and part B, and annex B, part A and part B

Nos.	Document name	RS approval	Flag MA approval	Stamp	Application
<b>For descriptive notation Escort tug</b>					
98	Plan for full scale trials	+	-	Approved	Sect. 2, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships
99	Stability Booklet, as well as preliminary calculations of the ship's escort characteristics and tug's stability during escort service	+	-	Approved	Sect. 2, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships
<b>For ECO, ECO-S</b>					
100	Documentation according to MARPOL 73/78, BWM-2004, AFS-2001, the Hong Kong International Convention for the Safe and Environmentally Sound Recycling of Ships Conventions, Regulation (EU) No. 1257/2013 of the European Parliament on ship recycling			Refer to items 53 — 92 of this table (as applicable)	Sect. 3, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships
<b>For ANTI-ICE</b>					
101	Icing Protection Manual	+	-	Agreed	Sect. 4, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships
102	Stability Booklet, including loading conditions considering icing	+	-	Approved	Sect. 4, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships



Nos.	Document name	RS approval	Flag MA approval	Stamp	Application
<b>For BLS-SPM, BLS or SPM</b>					
103	Bow loading system (BLS) operating manual	+	-	Approved	Sect. 5, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships
104	BLS test program	+	-	Approved	Sect. 5, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships
<b>For HELIDECK, HELIDECK-F or HELIDECK-H</b>					
105	Documentation on helideck and hangar deck covering	+	-	Approved	Sect. 6, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships
106	Helicopter facility test program	+	-	Approved	Sect. 6, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships
107	Helicopter facility operation manual	+	-	Approved	Sect. 6, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships
108	Diagram of obstacle restriction and removal	+	-	For information (approved by the Flag State Civil Aviation Authority)	Sect. 6, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships
109	Drawing of helideck and obstacle marking (colour, dimensions and configuration of marks shall be indicated)	+	-	For information (approved by the Flag State Civil Aviation Authority)	Sect. 6, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships
<b>For WINTERIZATION (DAT)</b>					
110	Manual on operation of ship at low temperature (Winterization Manual)	-	-	nil	Sect. 7, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships

Nos.	Document name	RS approval	Flag MA approval	Stamp	Application
111	Stability Booklet, including loading conditions considering icing	+	-	Approved	Sect. 7, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships
112	Damage stability booklet	+	-	Approved	Sect. 7, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships
<b>For RP-1, RP-1A, RP-1AS, RP-2 or RP-2S (propulsion plant redundancy)</b>					
113	Calculation results demonstrating that a single failure does not lead to the loss of propulsion and ship's steering (as an alternative, the results of the model or full-scale tests may be submitted)	+	-	Agreed	Sect. 8, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships
114	Qualitative failure analysis for propulsion and steering (in compliance with Section 11, Part VII "Machinery Installations") or Failure Mode and Effect Analysis (FMEA) of the propulsion plant components based on the failure tree or the equivalent risk analysis agreed with the Register		-	Agreed	Sect. 8, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships
115	Torsional vibration calculations	+	-	Agreed	3.2.7.5.11, Part I "Classification" of the Rules for the Classification and Construction of Sea-Going Ships; Sect. 8, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships

Nos.	Document name	RS approval	Flag MA approval	Stamp	Application
116	Programme for mooring and sea trials	+	-	Approved	Sect. 8, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships
<b>For GFS (Gas Fuelled Ship)</b>					
117	Operating Manual	+	+	Approved	Sect. 9, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships
118	Analysis of risks related to the use and storage of gas fuel and possible consequences of its leakages (may be included in the Operating Manual)	+	+	Approved	Sect. 9, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships
119	Gas fuel bunkering instructions	-	-	nil	Sect. 9, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships
120	Inerting and gas freeing instructions	-	-	nil	Sect. 9, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships
121	Instructions for using gas fuel	-	-	nil	Sect. 9, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships
122	Instructions describing the crew actions in emergencies which may arise during operations with gas fuel	-	-	nil	Sect. 9, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships
123	Plan of periodic audits and maintenance of equipment related to the use of gas as fuel	-	-	nil	Sect. 9, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships

Nos.	Document name	RS approval	Flag MA approval	Stamp	Application
<b>For descriptive notation LNG bunkering ship</b>					
124	Ship's Operating Manual, including risk analysis related to gas fuel bunkering operations and potential consequences of leakage, as well as procedure of tightness test of connections between the LNG bunkering and receiving ships prior to bunkering operations	+	+	Approved	Sect. 11, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships
125	Operating instructions containing the procedures of bunkering, intertonging and control of cargo vapour return	-	-	nil	Sect. 11, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships
126	Bunkering procedure for LNG receiving from a gas fueled ship with the required calculations	+	-	Approved	11.13.1, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships (for mark <b>RE</b> )
127	Diagram of gas freeing system and procedure for gas freeing	+	-	Approved	11.13.2, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships (for mark <b>IG-supply</b> )
128	Bunkering procedure for boil-off gas management indicating the operations	+	-	Approved	11.13.3, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships (for mark <b>BOG</b> )

Nos.	Document name	RS approval	Flag MA approval	Stamp	Application
129	Calculation of the maximum LNG vapour flow rate possible to be generated during the bunkering to be less than the capacity of boil-off gas unit specified in the bunkering procedure	+	-	Agreed	11.13.3, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships (for mark <b>BOG</b> )
<b>For IWS (in-water survey)</b>					
130	Drawing of the marking on the side and bottom plating to identify the tanks	+	-	Approved	Sect. 12, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships
<b>For descriptive notation Anchor handling vessel</b>					
131	Bollard pull test procedure	+	-	Approved	13.3, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships
132	Information on stability	+	-	Approved	13.3.5, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of ships" of the Rules for the Classification and Construction of Sea-Going Ships
133	Bollard pull estimation	+	-	Agreed	13.3, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships
<b>For GRS (Gas Ready Ship) – ships prepared for conversion for the use of gas fuel</b>					
134	Ship conversion design	+	-	Depending on the type of documentation within the design	Sect. 14, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of ships" of the Rules for the Classification and Construction of Sea-Going Ships
<b>For NAABSA (ships Not Always Afloat But Safely Aground)</b>					
135	Information on stability	+	-	Approved (may be included in the basic information on stability of a ship)	15.4, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships

Nos.	Document name	RS approval	Flag MA approval	Stamp	Application
<b>For BMS (boiler monitoring system)</b>					
136	Instruction on maintaining boiler water and chemistry quality	+	-	For information	Sect. 16, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships
137	Ship's boiler monitoring log-book	-	-	nil	Sect. 16, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships
<b>For HMS(...) (hull monitoring system)</b>					
138	Maintenance manual	+	-	Agreed	Sect. 17, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships
139	Procedure of sensor installation, adjustment and calibration	+	-	For information	Sect. 17, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships
140	Test programme of the system	+	-	Approved	Sect. 17, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships
141	Procedure of sensor verification while in operation	+	-	Approved	Sect. 17, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships
<b>For COMF(C) (ships complying with the indoor climate requirements)</b>					
142	Heat balance calculation	+	-	For information	Sect. 18, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships
143	Programme of mooring and sea trials	+	-	Approved	Sect. 18, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships

Nos.	Document name	RS approval	Flag MA approval	Stamp	Application
144	Measurement report	+	-	For information	Sect. 18, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships
<b>For COMF(N – 1 or 2 or 3) (ships complying with the requirements for noise level in all passenger and crew spaces)</b>					
145	Noise level measurement programme	+	-	Approved	Sect. 18, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships
146	Measurement report	+	-	For information	Sect. 18, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships
<b>For COMF(V – 1 or 2 or 3) (ships complying with the requirements for sanitary vibration level in all passenger and crew spaces)</b>					
147	Programme of sanitary vibration measurements within the spaces	+	-	Approved	Sect. 18, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of ships" of the Rules for the Classification and Construction of Sea-Going Ships
148	Measurement report	+	-	For information	Sect. 18, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships
<b>For descriptive notation gas carrier according to the Rules for the Classification and Construction of Ships Carrying Liquefied Gases in Bulk (LG Rules)</b>					
149	Inspection/survey plan for the cargo containment system	+	-	Approved	4.3.6 of the IGC Code
150	Cargo system operation manual	+	+	Approved	In accordance with the requirements of Chapter 18 of the IGC Code
151	Cargo handling plan	+	+	Approved	18.19, Part X "Special requirements" of LG Rules; 17.18.24 of the IGC Code
152	Document (Record) specifying the maximum allowable loading limits for each cargo tank and product	+	-	Approved	3.20.6, Part VI "Systems and piping" of LG Rules
153	Failure modes and effects analysis	+	+	Agreed	10.2.6 of the IGC Code and 14.3.4 of the IGF Code

Nos.	Document name	RS approval	Flag MA approval	Stamp	Application
154	List of cargoes to be carried onboard a ship specifying their basic chemical and physical properties, as well as dangerous properties related to their carriage and storage	+	-	For information	4.3, Part I "Classification" of the LG Rules (18.3 of the IGC Code)
155	Operating instruction of emergency shutdown valve Manufacturer	-	-	nil	3.15.4, Part VI "Systems and piping" of the LG Rules
156	Testing procedures during sea and gas trials	+	+	Approved	IGC Code (sections regarding testing)
157	Failure mode and effects analysis (FMEA) for reliquefaction unit for cargo vapours (in accordance with IEC 60812 standard) performed against the level confirming the operation of the unit as intended after any single failure	+	-	Agreed	4.4.11, Part I "Classification" of the LG Rules. It is included in the overall document "Failure modes and effects analysis" (for mark <b>RLU</b> )
158	Testing procedures during sea and gas trials of reliquefaction unit for cargo vapours	+	-	Approved	4.4.12, Part I "Classification" of the LG Rules. It is included in the overall document "Testing procedures during sea and gas trials" (for mark <b>RLU</b> )
<b>For descriptive notation Gas carrier CNG according to the Rules for the Classification and Construction of Ships Carrying Compressed Natural Gas (CNG Rules)</b>					
159	Program and procedure for testing full-scale prototype of a cargo tank for fatigue and fracture due to internal pressure	+	-	Approved	Part I "Classification" of the CNG Rules



Nos.	Document name	RS approval	Flag MA approval	Stamp	Application
160	Instruction for cargo handling operations, including emergency procedures	+	-	Agreed	2.9, Part VI "Systems and piping" of the CNG Rules
161	Operating Instruction for the Cargo System	+	-	Agreed	5.1, Part VI "Systems and piping" of the CNG Rules
<b>For descriptive notation Chemical tanker</b>					
162	List of cargoes intended for carriage on board the ship	+	-	For information	Part I "Classification" of the Rules for the Classification and Construction of Chemical Tankers; Chapter 16 of the IBC Code
163	Documentation on access to spaces	+	-	Approved	3.4 of the IBC Code
164	Stripping system testing programme	+	-	Approved	Part I "Classification" of the Rules for the Classification and Construction of Chemical Tankers
<b>For CSR and ships for which requirements of SOLAS as amended, reg. II-1/3-10 apply</b>					
165	Ship Construction File	+	-	Stamps depending on type of approved documentation within the design	For oil tankers and bulk carriers in accordance with SOLAS as amended, reg. II-1/3-10, MSC.1/Circ.1343; IACS Common Structural Rules (2.2.3, Part 1, Chapter 1)
<b>For high-speed craft, type A WIG craft</b>					
166	Operating Manual	+	+	Approved	Chapter 18 of the HSC Code; Sect. 8 of the Appendix to the Rules for the Classification and Construction of Type A WIG Craft
167	Craft training manual and instructions for on-board maintenance	-	-	nil	12.6, Part XVI "Life-saving appliances" of the Rules for Classification and Construction of High-Speed Craft; Sect. 8 of the Appendix to the Rules for Classification and Construction of Type A WIG Craft
168	Evacuation procedure, including a critical path analysis	+	-	Agreed	13.2, Part XVI "Life-saving appliances" of the Rules for Classification and Construction of High-Speed Craft

Nos.	Document name	RS approval	Flag MA approval	Stamp	Application
<b>For DYNPOS-1, DYNPOS-2 or DYNPOS-3</b>					
169	Failure mode and effects analysis (FMEA) on ships with <b>DYNPOS-2</b> or <b>DYNPOS-3</b> distinguishing mark in the class notation	+	+	Agreed	During initial survey of the ship
170	DP system operation instructions according to IMO circular MSC/Circ.645 dd. 6 June 1994 (it shall contain documents according to 4.4.1 — 4.4.6 of the above mentioned IMO circular)			During the next periodical survey it is necessary to check availability of the document on board. In case of absence of the document it is necessary to introduce the condition into ship's survey status with the term of fulfillment agreed by RS and shipowner	For ships which keels are laid before 09.06.2017 (for ships under RF flag — before 16.06.2017)

Nos.	Document name	RS approval	Flag MA approval	Stamp	Application
171	<p>DP system operation instructions according to IMO circular MSC.1/Circ.1580 (as a rule, it shall contain documents, listed in items 172 — 182 of this table)</p>			<p>During the first annual survey after construction it is necessary to check availability of the document on board (in case of absence of the documentation before completion of the initial survey after construction for issuance of FSVAD or DPVAD it is necessary to enter the following record into ship's survey status:  "Before commencement of actual operation of the ship in DP modes, but not later than the first annual survey the set of documents "DP operations manuals" shall be submitted to RS surveyor on board"</p>	<p>For ships which keels are laid on or after 09.06.2017 (for ships under RF flag — on or after 16.06.2017)</p>
172	<p>Checklist for the DP system check before its operation, taking into account the DP system specific use</p>			<p>refer to item 171</p>	

Nos.	Document name	RS approval	Flag MA approval	Stamp	Application
173	Checklist for the DP system checks at regular intervals when dynamically keeping the ship's position and/or heading			refer to item 171	
174	DP operation instructions			refer to item 171	
175	Annual survey programme for the DP system to confirm that the system has been maintained in good working order			refer to item 171	
176	Initial and special survey programme for the DP system to confirm that the system complies with the approved technical documentation and remains in good working order, including, inter alia, necessary checks and tests according to all FMEA items for the DP systems on ships having <b>DYNPOS-2</b> or <b>DYNPOS-3</b> distinguishing mark in the class notation	+		Approved	
177	Typical recommendations on checking the DP system operability after failure elimination or the DP system changes			refer to item 171	
178	Procedure for the DP system restoring after the ship blackout	+		Agreed	

Nos.	Document name	RS approval	Flag MA approval	Stamp	Application
179	List of critical components of the DP system	+		Agreed	
180	Examples of the DP system operating conditions			refer to item 171	
181	Guidelines for decision-making during the DP system control, taking into account the DP system specific use (ship type and operational profile), ship service area (weather conditions, currents, depths, etc.)			refer to item 171	
182	Diagrams showing the ability of the ship having <b>DYNPOS-2</b> or <b>DYNPOS-3</b> distinguishing mark in the class notation to keep position both with the DP system in fully serviceable condition and after the single worst DP system failure as defined in FMEA	+		Agreed	
<b>For MODU and FOP</b>					
183	Information on stability on seabed	+	-	Approved	Part II "Hull" of the Rules for Classification, Construction and Equipment of Mobile Offshore Drilling Units and Fixed Offshore Platforms; Sect. 19, Part III "Additional surveys of ships depending on their purpose and hull material" of the Rules for Classification Surveys of Ships in Service
184	Guidance for the ballast system arrangement plan	+	-	Approved	1.4.9, Part IV "Stability" of the Rules for Classification, Construction and Equipment of Mobile Offshore Drilling Units and Fixed Offshore Platforms
185	Strength calculations	+	-	Agreed	1.3.3, Part II "Hull" of the Rules for Classification, Construction and Equipment of Mobile Offshore Drilling Units and Fixed Offshore Platforms

Nos.	Document name	RS approval	Flag MA approval	Stamp	Application
186	MODU/FOP Operating Manual	+	+	Approved	1.3.3, Part II "Hull" of the Rules for Classification, Construction and Equipment of Mobile Offshore Drilling Units and Fixed Offshore Platforms; Chapter 14 of the MODU Code 2009
187	Helicopter facility operation manual	+	-	Approved	Sect. 6, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships (if helicopter arrangement is available) (may be included in the MODU/FOP Operating Manual)
188	MODU/FOP special survey programme or continuous survey programme, as applicable	+	-	Approved	Sect. 19, Part III "Additional surveys of ships depending on their purpose and hull material" of the Rules for Classification Surveys of Ships in Service
<b>For manned submersibles and ship's diving systems</b>					
189	Passenger submersible operation manual containing normal and emergency working procedures	+	+	Approved	4.2.5.3, Part I "Classification" of the Rules For the Classification and Construction of Manned Submersibles and Ship's Diving Systems
190	Emergency plan	-	-	nil	4.2.5.3, Part I "Classification" of the Rules For the Classification and Construction of Manned Submersibles and Ship's Diving Systems
191	Passenger submersible maintenance manual	-	-	nil	4.2.5.3, Part I "Classification" of the Rules For the Classification and Construction of Manned Submersibles and Ship's Diving Systems

"