

RULES

FOR TECHNICAL SUPERVISION DURING CONSTRUCTION OF SHIPS AND MANUFACTURE OF MATERIALS AND PRODUCTS FOR SHIPS

ND No. 2-020101-175-E

RULE CHANGE NOTICE

ENTERS INTO FORCE:

01.07.2025



St. Petersburg
2025

RULES FOR TECHNICAL SUPERVISION DURING CONSTRUCTION OF SHIPS AND MANUFACTURE OF MATERIALS AND PRODUCTS FOR SHIPS

The present Rule Change Notice to Rules for Technical Supervision during Construction of Ships and Manufacture of Materials and Products for Ships (hereinafter — RCN) has been approved in accordance with the established approval procedure, comes into force on 1 July 2025 and contains earlier approved amendments published by the Urgent Rule Change Notice after entering into force of the previous version of Rule Change Notice to Rules for Technical Supervision during Construction of Ships and Manufacture of Materials and Products for Ships (these amendments are specified in the Revision History and highlighted in yellow).

REVISION HISTORY

PART I. GENERAL REGULATIONS FOR TECHNICAL SUPERVISION

Item	Applied to	Description	Remarks
Para 16.3 (new)	Technical supervision during design and construction in a double or dual class arrangement	Procedure for a double or dual class arrangement has been described	Entry-into-force date: 25.04.2025 (Urgent Rule Change Notice № 311-05-2046 от 25.04.2025) IACS PR1B (Rev.7 June 2024) and IACS PR No.42 (June 2024)
Appendix 1	Navigational equipment Class B shipborne equipment of the automatic identification system (AIS)	New code for AIS, class B has been introduced into the RS Nomenclature	
	Container ships Onboard software	New code 20400000 for lashing software has been introduced into the RS Nomenclature	IACS UR C6 (New May 2024)

PART II. TECHNICAL DOCUMENTATION

Item	Applied to	Description	Remarks
Para 3.8	Ships under construction Software of the Register	Use of the Register's own software has been specified	

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Item	Applied to	Description	Remarks
Para 5.2	Technical documentation on products	An additional way of obtaining an expert opinion as part of the AiP service has been introduced	
Para 10.2	Technical documentation Distribution of power for reviewing amendments to the approved technical documentation	Requirement to have amendments to the approved technical documentation reviewed exclusively by the RS Branch Office that approved it has been supplemented with conditions under which other RS offices may be involved.	
Para 10.3 (deleted)	Technical documentation for ships under construction, and also for materials and products	Provisions of the paragraph have been deleted as being no longer relevant, while conditions for involving other RS Branch Offices have been transferred to para 10.2 with a different text wording. The existing para 10.4 has been renumbered to 10.3	
Paras 10.5 — 10.7 (deleted)	Technical documentation Procedure for the RS Branch Offices to review amendments to the approved technical documentation	Provisions of the paras has been deleted as being no longer relevant	
Para 11.2.2	Ships under construction Conditions for granting an exemption (waiver) from compliance with the requirements of international conventions	Statement has been added on the necessity to provide in some cases a documentary evidence of the shipowner's agreement to a request to the Maritime Administration of the Russian Federation for an exemption (waiver)	

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Item	Applied to	Description	Remarks
Para 12.1.1	Container ships Onboard software	List of software codes requiring mandatory RS approval has been amended	
Para 12.1.4	Container ships Onboard software	List of software codes that can be approved by RS Branch Offices	
Para 11.3.1	Ships under construction Conditions for granting an exemption (waiver) from compliance with the requirements of international conventions	Statement has been added on the necessity to provide in some cases a documentary evidence of the shipowner's agreement to a request to the Maritime Administration of the Russian Federation for an exemption (waiver)	
Chapter 12.4 (deleted)	Ships under construction Software of the Register	Content of the chapter has been transferred to 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. Existing chapter 12.5 has been renumbered to 12.4.	
Appendix 1, para 11.1	Ships in service Operational documentation Ballast Water Management Plan	Reference has been introduced to the international requirements containing the Interim Guidance on the Application of the BWM Convention to Ships Operating in Challenging Water Quality Conditions	IMO Resolution MEPC.387(81)

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Item	Applied to	Description	Remarks
Appendix 1, para 11.4	Ships in service Operational documentation Ballast Water Record Book	Requirement to have a logbook on board a ship has been amended	Subject to the introduction of the new Item 11.5
Appendix 1, para 11.5	Ships in service Operational documentation Electronic Ballast Water Record Book	List of ship operational documentation has been supplemented with the Electronic Ballast Water Record Book. Information has been specified on approval of the Electronic Ballast Water Record Book and applicability thereof, subject to the existing item 11.4	IMO Resolution MEPC.383(81) (The entry-into-force date: 01.10.2025)

PART III. TECHNICAL SUPERVISION DURING MANUFACTURE OF MATERIALS

Item	Applied to	Description	Remarks
Para 2.2.2.3.6.2.6	Materials Ship structural steel Manufacturers Recognition testing	References to the applicable requirements for nil ductility test temperature (NDTT) have been updated	
Para 3.2.9.3.3 (new)	Ships of all types (SOLAS-74 regulation II-2/3-2) Ballast tanks Protective coatings Training courses for coating inspectors	New para containing reference to the code of nomenclature and requirements for training courses for inspectors to verify application of protective coatings to be harmonized with provisions of 3.5.11.3 (ice resistant coatings) has been introduced	IMO resolution MSC.215(82)

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Item	Applied to	Description	Remarks
Para 3.3.9.4 (new)	Crude oil tankers (SOLAS-74 regulation II-1/3-11) Cargo tanks Protective coatings Training courses for coating inspectors	New para containing reference to the code of nomenclature and requirements for training courses for inspectors to verify application of protective coatings to be harmonized with provisions of 3.5.11.3 (ice resistant coatings) has been introduced	IMO resolution MSC.288(87)
Para 4.2.9	Welding Welders' certification Data list	Requirements for submitting welders' identification numbers for issuing the Welder Approval Test Certificate have been introduced. Requirements for submitting data on working experience have been excluded	IACS UR W32 (Sep 2016/Rev.1 Sep 2020)
Para 6.8.3.1	Welding Welding procedures approval Reporting documents	Requirements for retaining the validity period of the reporting documents have been supplemented by the condition of timely endorsement of the Welding Procedure Approval Test Certificate (COTΠC)	
Par 6.8.3.4	Welding Welding procedures approval Welding Procedure Approval Test Certificate cancellation	Requirements for retaining the validity period of Welding Procedure Approval Test Certificate have been supplemented by the condition of the confirmation within 90 days after the set date of confirmation	

PART IV. TECHNICAL SUPERVISION DURING MANUFACTURE OF PRODUCTS

Item	Applied to	Description	Remarks
Table 10.7.13.1 , footnote 5	Electrical tests of apparatus and devices for alarm Devices of a cargo hold water level alarm system of bulk carriers, ore carriers, combination carriers, passenger ships carrying 36 persons or more, cargo ships with one or more holds, other than bulk carriers, ore carriers, combination carriers and tankers Tests of enclosure protection	Footnote to the applicable International requirements has been updated	IMO resolution MSC.188(79)/Rev.2 (refer to para 9.6.2.1 of IMO circular MSC.1/Circ.1572/Rev.2)
Para 13.4.3	Life-saving appliances Technical supervision at the firm (manufacturer)	Reference to the applicable International requirements has been updated. List of amendments to IMO resolution MSC.81(70) has been supplemented and transferred to new Appendix 1	
Section 13 , Appendix 1 (new)	Life-saving appliances	Table with the list of amendments to IMO resolution MSC.81(70) has been introduced	
Para 15.2.2	Radio equipment	Statement about a new Appendix to the Section has been added (see below)	

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Item	Applied to	Description	Remarks
Para 15.5.7 (deleted)	Public Address System equipment	Requirements to the survey have been deleted due to deletion of requirements to this equipment in Part IV "Radio Equipment" of the Rules for the Equipment of Sea-Going Ships	Chapter 2.1 Part II "Life-Saving Appliances" of the Rules for the Equipment of Sea-Going Ships contains the requirements to the Public Address System
Section 15 , Appendix (new)	Radio equipment	The Section has been supplemented with a list of normative documents applicable in the performing of type approval of shipborne radio equipment, and developed based on the list of IMO resolutions and circulars, ITU recommendations, IEC and ISO standards, other external documents applicable for the performing of type approval of shipborne radio equipment excluded from both the Guidelines on Application of Provisions of Chapter IV of the International Convention for the Safety of Life at Sea (SOLAS-74) and the list of normative documents applicable in the performing of type approval of shipborne radio equipment excluded from Part IV "Radio Equipment" of the Rules for the Equipment of Sea-Going Ships	

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Item	Applied to	Description	Remarks
Section 16, Appendix (new)	Navigational Equipment Type Approval	Section has been supplemented by a list of regulatory documents applicable to the type approval work of shipborne navigational equipment, developed on the basis of the list of IMO resolutions and circulars, ITU recommendations, IEC and ISO standards, and other external documents applicable to the type approval work of shipborne navigational equipment deleted from the Guidelines on the Application of Provisions of Chapter V of the International Convention for the Safety of Life at Sea (SOLAS-74), and a list of regulatory documents applicable to the type approval work of shipborne navigational equipment deleted from Part V "Navigational Equipment" of the Rules for the Equipment of Sea-Going Ships. IMO Resolution MSC.466(101) and IEC 62288, Ed.3.0 for all navigational displays have been implemented. Requirements for Class B shipborne equipment of the automatic identification system (AIS) have been introduced.	MSC.466(101) IEC 62288, Ed. 3.0

PART I. GENERAL REGULATIONS FOR TECHNICAL SUPERVISION

16 TECHNICAL SUPERVISION DURING DESIGN AND CONSTRUCTION IN A DOUBLE OR DUAL CLASS ARRANGEMENT

New para 16.3 is introduced reading as follows:

"16.3 When performing technical supervision during design and construction in a double or dual class arrangement, the requirements set forth in IACS PR1B (Rev.7 June 2024) "Procedure for Adding, Assigning, Maintaining or Withdrawing Double or Dual Class" and IACS PR No.42 (June 2024) "Procedure for Assigning Class for a New Building project when the design is already approved by an Initial Society (Based on the Classification Rules and a Memorandum of Understanding (MoU) Between a Class Society, a Shipyard and, if applicable, a Ship Owner)" (the documents are available on the IACS website (www.iacs.org.uk)) shall in all cases be complied with."

APPENDIX 1

NOMENCLATURE OF ITEMS OF THE REGISTER TECHNICAL SUPERVISION

New code 05150000 is introduced reading as follows:

"

05150000	Class B shipborne equipment of the automatic identification system (AIS)	2			
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"

New code 20400000 is introduced reading as follows:

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20400000	Lashing software	2	СТОП	Refer to 2.1.5 of the Technical Requirements for the Arrangement and Securing of the International Standard Containers on Board the Ships Intended for Container Transportation
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PART II. TECHNICAL DOCUMENTATION

3 GENERAL

Para 3.8 is amended as follows:

"3.8 Procedure for the reviewing of calculations.

3.8.1 Calculations necessary for determination of parameters and values regulated by the RS rules shall be made in compliance with the provisions of these Rules or according to the standards, methods and other normative documents agreed by the Register.

The procedures and methods of calculations used shall provide an adequate accuracy of the problem solution.

The requirements regarding the approval of software used for the calculations are specified in Section 12.

The Register does not check the correctness of computing operations in calculations, including those made according to the programs having type approval of the Register but examines only the final results of the calculations, subject to the provisions of 3.8.2.

~~In separate cases, the Register may conduct additional expertise of the accuracy of the final results.~~

3.8.2 When reviewing calculations of the hull structures of sea-going ships for compliance with the requirements of Part II "Hull" of the Rules for the Classification and Construction of Sea-Going Ships and the Common Structural Rules for Bulk Carriers and Oil Tankers, calculations of assemblies and parts of the ship rudder and steering gear, as well as of the scantlings of members for the type-C tanks, and documentation on stability of sea-going ships for compliance with requirements of the RS Rules, the Register performs random verification calculations using software suites including those of the Register's own.

3.8.3 Calculations necessary for determination of parameters and values regulated by the RS Rules may be performed by the Register on its own at the customer's request. In this case, the verification calculations specified in 3.8.2 are not required."

5 TECHNICAL DOCUMENTATION ON PRODUCTS

Para 5.2 is amended as follows:

"5.2 Technical documentation on products shall be submitted for review in electronic form according to 3.3.

The result of the review Register confirms approval/agreement of technical documentation on products shall be confirmed by issuing a conclusion letter with the results of approval/agreement and/or by putting on stamps 8.2-1 or 8.2-3 accordingly, or 8.2-6 for various information documents (refer to 8.3.4), or by issuing an expert opinion for documentation specified in 3.6. Where the technical documentation fails to comply with the RS requirements, the comments shall be fulfilled by the designer (manufacturer) prior to its final approval (agreement)."

10 INTRODUCTION OF AMENDMENTS INTO APPROVED (AGREED) TECHNICAL DOCUMENTATION

Para 10.2 is replaced by the following text:

"10.2 Review and approval of amendments to the technical documentation shall normally be carried out by the RS Branch Office which has approved this documentation, and be notified to the RS Branch Office involved in the technical supervision during the ship's construction and/or manufacture of materials and products, subject the following:

.1 The review of amendments to the technical documentation for the ship which arise during the ship's construction and not cause a modification of the ship's principal characteristics nor lead to reducing the level of the ship's safe operation established by the approved documentation, may be entrusted to the RS Branch Office involved in the technical supervision during the ship's construction.

.2 The review of amendments to the Register approved technical documentation for materials and products may be carried out by the RS Branch Office involved in the technical supervision during their manufacture, if agreed by the RS Branch Office which has approved this documentation."

Para 10.3 is deleted.

Para 10.4 and **references thereto** are renumbered **10.3**.

Paras 10.5 — 10.7 are deleted.

11 GRANTING THE SHIP UNDER CONSTRUCTION WITH AN EXEMPTION (WAIVER) FROM COMPLIANCE WITH THE REQUIREMENTS OF INTERNATIONAL CONVENTIONS

11.2 GRANTING THE SHIP UNDER CONSTRUCTION FOR THE RF FLAG WITH AN EXEMPTION (WAIVER) FROM COMPLIANCE WITH THE REQUIREMENTS OF INTERNATIONAL CONVENTIONS

Para 11.2.2 is amended as follows:

"11.2.2 The prospective shipowner or its legal representative² (hereinafter referred to as "the applicant") shall send an application for granting an exemption (waiver) to the RF MA²³ and a copy to RHO."

11.3 GRANTING THE SHIP UNDER CONSTRUCTION FOR THE FLAG OTHER THAN THE RF FLAG WITH AN EXEMPTION (WAIVER) FROM COMPLIANCE WITH THE REQUIREMENTS OF INTERNATIONAL CONVENTIONS

Para 11.3.1 is amended as follows:

"11.3.1 The prospective shipowner or his legal representative² (designer or shipyard) (hereinafter referred to as "the applicant") shall send an application on granting an exemption (waiver) to the Administration and, at the applicant's discretion, a copy to the RS Branch Office

for supervision during design. In this regard, the additional instructions of the Administration (if any) concerning the application form shall be taken into account."

The new footnote is introduced reading as follows:

"² In individual cases it is necessary to provide a documentary evidence of the shipowner's agreement to a request to the Administration for an exemption (waiver) (refer to the UR S14 (Rev.7 Dec.2022) — the document is available at the site of IACS (www.iacs.org.uk))."

The existing **footnotes 2 and 3** are renumbered **3 and 4** accordingly.

12 SOFTWARE

Para 12.1.1 is amended as follows:

"**12.1.1** Software which is capable of performing calculations according to the RS rules and guidelines which results are part of technical documentation in accordance with 3.8, and which is related to codes 20100000, ~~and 20200000~~ and 20400000 according to the RS Nomenclature (refer to Appendix 1, Part I "General Regulations for Technical Supervision"), shall be approved by the Register as it pertains to the calculations according to the RS rules and guidelines.

Software related to code 20300000 may be approved on a voluntary basis, at the request of the software designer. The software related to code 20300000 is approved regarding the requirements set forth in this Section.

Software developed by the Register and capable of performing calculations according to the RS rules and guidelines shall not be subject to approval."

Para 12.1.4 is amended as follows:

"**12.1.4** The software related to code 20100000 is approved by RHO. The software related to codes 20200000, ~~and 20300000~~ and 20400000 is approved by the RS Branch Office."

Chapter 12.4 is deleted.

Existing **chapter 12.5** and references thereto are renumbered **12.4**.

Existing **paras 12.5.1 — 12.5.6** and references thereto are renumbered **12.4.1 — 12.4.6**, accordingly.

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

Table 1. Item 11.1 is amended as follows:

"

11 – Ballast water management					
11.1	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, <u>IMO resolution MEPC.387(81)</u> and <u>IMO resolution MEPC.127(53)</u> , as amended)

"

Table 1. Item 11.4 is amended as follows:

"

11 – Ballast water management					
11.4	Ballast Water Record Book (if applicable)	–	–	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 ECO or ECO-S) (<u>not required where the Record Book is available, as specified in 11.5</u>)

"

Table 1. New Item 11.5 is introduced reading as follows:

"

11 – Ballast water management					
11.5	Electronic Ballast Water Record Book (if applicable)	+	+	Approved	BWM-2004, article 9.1 (b) and reg. B-2; the Record Book is approved subject to IMO MEPC.372(80) Guidelines (not required where the Record Book is available, as specified in 11.4)

"

PART III. TECHNICAL SUPERVISION DURING MANUFACTURE OF MATERIALS

2 METALS

2.2 PROCEDURES FOR RECOGNITION OF MANUFACTURERS

Para 2.2.2.3.6.2.6 is amended as follows:

".6 drop weight test:

the test shall be performed in accordance with ~~ASTM E208 2.2.6, Part XIII "Materials"~~ of the RS Rules/C. The nil-ductility test temperature (NDTT) shall be determined and photographs of the tested specimens shall be taken and enclosed with the test report.

The test results for "Arc"-indexed steels shall meet the requirements of 3.5.3.3.4 of Part XIII "Materials" of the RS Rules/C. For other steels, the value is determined in accordance with the manufacturer's specification;".

3 NON-METALLIC MATERIALS

3.2 PROCEDURE FOR APPLICATION OF PERFORMANCE STANDARD FOR PROTECTIVE COATINGS FOR DEDICATED SEAWATER BALLAST TANKS IN ALL TYPES OF SHIPS AND DOUBLE SIDE SKIN SPACES OF BULK CARRIERS IN COMPLIANCE WITH SOLAS-74 REGULATION II-1/3-2 (IMO RESOLUTION MSC.215(82))

New para 3.2.9.3.3 is introduced reading as follows:

"3.2.9.3.3 The educational organization conducting the training courses for the coating inspectors responsible for inspection of protective coatings application in ballast tanks shall perform its activity based on the RS Certificate of Firm Conformity (CCП) coded 22017020 — Training and examination of coating inspectors. The organization shall meet the requirements specified in 3.2.9.3.1.1 — 3.2.9.3.1.3 and Section 8, Part I "General Regulations for Technical Supervision".

3.3 PROCEDURE FOR APPLICATION OF PERFORMANCE STANDARD FOR PROTECTIVE COATINGS FOR CARGO OIL TANKS OF CRUDE OIL TANKERS IN COMPLIANCE WITH SOLAS-74 REGULATION II-1/3-11 (IMO RESOLUTION MSC.288(87)) AS AMENDED BY IMO RESOLUTION MSC.342(91)

New para 3.3.9.4 is introduced reading as follows:

"3.3.9.4 The educational organization conducting the training courses for the coating inspectors responsible for inspection of protective coatings application for cargo tanks of crude oil tankers shall perform its activity based on the RS Certificate of Firm Conformity (CCП) coded 22017020 — Training and examination of coating inspectors. The organization shall meet the requirements specified in 3.2.9.3.1.1 — 3.2.9.3.1.3 and Section 8, Part I "General Regulations for Technical Supervision".

4 WELDING. REGULATIONS FOR WELDERS' CERTIFICATION

4.2 REQUIREMENTS FOR WELDERS' CERTIFICATION PROCEDURE AND ARRANGEMENT

Para 4.2.9 is amended as follows:

"4.2.9 For the welders' approval testing by the Register, manufacturer (employer) administration shall send to the RS Branch Office where the procedure for the attestation is to be performed the request which specifies the following:

name and address of the certification centre where the welders will be qualified;

list of the welders to be qualified with their (for every worker) full names, year and place of birth, place of work, identification number, specialty and job skill, ~~experience in the work to be qualified for~~;

proposed option of the periodical qualification (a, b or c) in accordance with the requirements of 4.6.7;

copies of documents to confirm the job skill of the workers in the type of the work to be qualified for;

welding procedure, welding positions and other particulars needed for the qualification and completion of the Welder Approval Test Certificate;

guarantees of payment for the Register services on Firm Conformity according to the current rates.

Note. Welder personnel identification number or another number assigned by the firm assumed by, for example, the welder's diploma number may be used as the identification number."

6 APPROVAL OF WELDING PROCEDURES FOR STEEL STRUCTURES AND ITEMS

6.8 ISSUE AND TERMS OF VALIDITY OF WELDING PROCEDURE APPROVAL TEST CERTIFICATE

Para 6.8.3.1 is amended as follows:

"6.8.3.1 The period of validity of the Welding Procedure Approval Test Certificate and its endorsement are determined in compliance with the requirements of Section 6, Part I "General Regulations for Technical Supervision". In so doing, the Welding Procedure Qualification Record (WPQR), generally in case of the timely endorsement of the Certificate, has no restriction on the period of validity and may be taken into consideration by the Register in review of welding procedure specifications drawn up on the basis of the above WPQR."

Para 6.8.3.4 is supplemented by the following text:

"In case of untimely endorsement (beyond the period of 90 days after the set date), COTPC becomes invalid and is cancelled."

PART IV. TECHNICAL SUPERVISION DURING MANUFACTURE

10 ELECTRICAL EQUIPMENT

10.7 ELECTRICAL TESTS OF PARTICULAR TYPES OF EQUIPMENT

Table 10.7.13.1. Footnote 5 is amended as follows:

⁵ Functionality tests shall be carried out in accordance with IMO Resolution MSC.188(79)/Rev.2 "Performance Standards for water level detectors on ~~bulk carriers and single hold cargo ships other than bulk carriers~~ ships subject to SOLAS regulations II-1/25, II-1/25-1 and XII/12."

13 LIFE-SAVING APPLIANCES

13.4 TECHNICAL SUPERVISION AT THE FIRM (MANUFACTURER)

Para 13.4.3 is amended as follows:

"13.4.3 Methods of tests (inspections) of life-saving appliances at the firm (manufacturer) are prescribed in IMO resolution MSC.81 (70) "Revised Recommendation on Testing of Life-Saving Appliances", as amended by ~~IMO resolutions MSC.200(80), MSC.226(82), MSC.274(85), MSC.295(87), MSC.321(89), MSC.323(89), MSC.427(98)~~ considering the List of Amendments given in Appendix 1 to this Section."

New Appendix 1 is introduced reading as follows:

"APPENDIX 1

LIST OF AMENDMENTS TO IMO RESOLUTION MSC.81(70) "REVISED RECOMMENDATION ON TESTING OF LIFE-SAVING APPLIANCES"

Date of Adoption of Amendments	IMO Resolution	Modified requirements
May 13, 2005 Entry-into-force date: Upon adoption	MSC.200(80)	Part I – Prototype Testing of Life-Saving Appliances (Lifejackets).

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Date of Adoption of Amendments	IMO Resolution	Modified requirements
December, 8, 2006 Entry-into-force date: July, 1, 2008	MSC.226(82)	Part I – Prototype Testing of Life-Saving Appliances (Lifebuoys, lifejackets, immersion suits, thermal protective aids, pyrotechnic devices – parachute rockets, hand flares, buoyant smoke signals, rigid/inflatable life rafts, lifeboats, rescue boats, fast rescue boats, launching and embarkation appliances, life-saving appliance location lights, hydrostatic release units). Part II – Production and Installation Testing on Board Ships (lifeboats/rafts, launching appliances, stowage arrangements).
December, 4, 2008 Entry-into-force date: Upon adoption	MSC.274(85)	Part I – Prototype Testing of Life-Saving Appliances (definitions, general conditions, lifeboats, rescue boats, life rafts). Part II – Production and Installation Testing on Board Ships (launching appliances for life rafts and inflated rescue boats, launching appliances using falls and winches).
May 21, 2010 Entry-into-force date: Upon adoption	MSC.295(87)	Part I – Prototype Testing of Life-Saving Appliances (revised test person mass to 82.5 kg).
May 20, 2011 Entry-into-force date: Upon adoption	MSC.321(89)	Part I – Prototype Testing of Life-Saving Appliances (lifeboats, rescue boats).
May 20, 2011 Entry-into-force date: Upon adoption	MSC.323(89)	Part I – Prototype Testing of Life-Saving Appliances (lifejackets, immersion suits, thermal protective aids, pyrotechnic devices – parachute rockets, hand flares, buoyant smoke signals, rigid/inflatable life rafts, lifeboats, rescue boats, fast rescue boats, launching/embarkation appliances, life-saving appliance location lights, lifeboat/rescue boat searchlights).
May 22, 2014 Entry-into-force date: Upon adoption	MSC.378(93)	Part I – Prototype Testing of Life-Saving Appliances (lifejackets).
June 15, 2017 Entry-into-force date: Upon adoption	MSC.427(98)	Part I – Prototype Testing of Life-Saving Appliances (launching and embarkation appliances).
May 13, 2021 Entry-into-force date: Upon adoption	MSC.488(103)	Part I – Prototype Testing of Life-Saving Appliances (rigid/inflatable life rafts, hydrostatic release units). Part II – Production and Installation Testing on Board Ships (life-saving appliances).
June 8, 2023 Entry-into-force date: January 1, 2029	MSC.544(107)	Part I – Prototype Testing of Life-Saving Appliances (lifejackets, immersion suits, lifeboats, rescue boats, fast rescue boats).

Date of Adoption of Amendments	IMO Resolution	Modified requirements
May 23, 2024 Entry-into-force date: Upon adoption	MSC.563(108)	Part I – Prototype Testing of Life-Saving Appliances (lifejackets). Part II – Production and Installation Testing on Board Ships (launching appliances and stowage arrangements, launching appliances using falls and winches).

15 RADIO EQUIPMENT

Para 15.2.2 is amended as follows:

"**15.2.2** Review of technical documentation shall be carried out for check of the product compliance with the applicable requirements of the RS rules, appropriate IMO resolutions, other ND to be specified in the RS Type Approval Certificate (CTO). The product shall be subjected to the full list of tests resulting from the requirements of RS rules, IMO resolutions, other ND. Types, test procedures and required results are given in the appropriate IEC and ISO standards specified in the appendix to this Part. The results of previous tests may be taken into account. Test program specified in 15.2.1.2 determines the types and methods of tests to be carried out in the presence of the RS surveyor. Test program may include both bench tests and full scale or shipboard tests of the product. Survey of the product shall be conducted for determining its compliance with the approved technical documentation, applicable RS rules, appropriate IMO resolutions, other ND to be specified in the RS Type Approval Certificate (CTO)."

Para 15.5.7 is deleted.

Paras 15.5.8 — 15.5.16 and references thereto are **renumbered 15.5.7 — 15.5.15** accordingly.

New Appendix is introduced reading as follows:

«APPENDIX

**LIST OF NORMATIVE DOCUMENTS APPLICABLE IN THE PERFORMANCE OF WORK ON TYPE APPROVAL
OF SHIPBORNE RADIO EQUIPMENT ***

RS nomenclature code	Item designation, SOLAS-74 regulation which determines ship's equipment	SOLAS-74 regulations, IMO resolutions and circulars, ITU recommendations which the item shall comply with	List of documents in the field of standardization and other documents, whose application, on a voluntary basis, provides compliance with the requirements that the item shall meet (testing standards)
04120000MK	VHF radio installation** IV/7.1.1, IV/7.1.2	SOLAS-74 reg. IV/7.1.1, 2 SOLAS-74 reg. X/3 A.694(17) MSC.511(105)/A.803(19)** MSC.191(79) MSC.302(87) A.524(13) IMO MSC/Circ.862 IMO MSC.1/Circ.1460/Rev.5 IMO COMSAR.1/Circ.32/Rev.3 Radio Regulations 2024 ITU-R M.489-2 (1995) ITU-R M.493-16 (2023) ITU-R M.541-11 (2023))	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 IEC 61097-3, Ed. 2.0 (2017-10) IEC 61097-7, Ed. 1.1 (2018-01) IEC 61097-8, Ed. 1.0 (1998-09) IEC 62288, Ed. 3.0 (2021-12) IEC 62923-1, Ed. 1.0 (2018-08) IEC 62923-2, Ed. 1.0 (2018-08) IEC 61162 series: - IEC 61162-1 Ed. 6.0 (2024-04) - IEC 61162-2 Ed. 2.0 (2024-04) - IEC 61162-3 Ed. 1.2 (2014-07) - IEC 61162-450 Ed. 3.0 (2024-04)

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RS nomenclature code	Item designation, SOLAS-74 regulation which determines ship's equipment	SOLAS-74 regulations, IMO resolutions and circulars, ITU recommendations which the item shall comply with	List of documents in the field of standardization and other documents, whose application, on a voluntary basis, provides compliance with the requirements that the item shall meet (testing standards)
04130000MK	MF radio installation** IV/9.1.1, IV/9.1.2	SOLAS-74 reg. IV/9.1.1, 2 SOLAS-74 reg. X/3 A.694(17) MSC.512(105)/A.804(19)** MSC.191(79) MSC.302(87) IMO MSC/Circ.862 IMO COMSAR.1/Circ.32/Rev.3 Radio Regulations 2024 ITU-R M.493-16 (2023) ITU-R M.541-11 (2023) ITU-R M.1173-1 (2012)	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 IEC 61097-8, Ed. 1.0 (1998-09) IEC 61097-9, Ed. 1.0 (1997-11) IEC 61097-3, Ed. 2.0 (2017-10) IEC 62288, Ed. 3.0 (2021-12) IEC 62923-1, Ed. 1.0 (2018-08) IEC 62923-2, Ed. 1.0 (2018-08) IEC 61162 series: - IEC 61162-1 Ed. 6.0 (2024-04) - IEC 61162-2 Ed. 2.0 (2024-04) - IEC 61162-3 Ed. 1.2 (2014-07) - IEC 61162-450 Ed. 3.0 (2024-04)

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RS nomenclature code	Item designation, SOLAS-74 regulation which determines ship's equipment	SOLAS-74 regulations, IMO resolutions and circulars, ITU recommendations which the item shall comply with	List of documents in the field of standardization and other documents, whose application, on a voluntary basis, provides compliance with the requirements that the item shall meet (testing standards)
0414000MK	MF/HF radio installation** IV/11.1.1, IV/11.1.2	SOLAS-74 reg. IV/11.1.1, 2 SOLAS-74 reg. X/3 A.694(17) MSC.512(105)/A.806(19)** MSC.508(105) MSC.191(79) MSC.302(87) IMO MSC/Circ.862 IMO COMSAR.1/Circ.32/Rev.3 Radio Regulations 2024 ITU-R M.476-5 (1995) ITU-R M.492-6 (1995) ITU-R M.493-16 (2023) ITU-R M.540-2 (1990) ITU-R M.541-11 (2023) ITU-R M.625-4 (2012) ITU-R M.688-0 (1990) ITU-R M.1173-1 (2012)	IEC 60945 series: - IEC 60945 Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 IEC 61097-8, Ed. 1.0 (1998-09) IEC 61097-9, Ed. 1.0 (1997-11) IEC 61097-3, Ed. 2.0 (2017-10) IEC 62288, Ed. 3.0 (2021-12) IEC 62923-1, Ed. 1.0 (2018-08) IEC 62923-2, Ed. 1.0 (2018-08) IEC 61162 series: - IEC 61162-1 Ed. 6.0 (2024-04) - IEC 61162-2 Ed. 2.0 (2024-04) - IEC 61162-3, Ed. 1.2 (2014-07) - IEC 61162-450 Ed. 3.0 (2024-04) ETS 300 067 (1993-10)

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RS nomenclature code	Item designation, SOLAS-74 regulation which determines ship's equipment	SOLAS-74 regulations, IMO resolutions and circulars, ITU recommendations which the item shall comply with	List of documents in the field of standardization and other documents, whose application, on a voluntary basis, provides compliance with the requirements that the item shall meet (testing standards)
04150000MK	Inmarsat-C SES** IV/10.1.1	SOLAS-74 reg. IV/10.1.1 SOLAS-74 reg. X/3 A.570(14) A.694(17) MSC.513(105)/A.807(19)** MSC.431(98) MSC.302(87) IMO MSC/Circ.862 IMO COMSAR.1/Circ.32/Rev.3	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 IEC 61097-4, Ed. 4.0 (2024-02) IEC 61162 series: - IEC 61162-1 Ed. 6.0 (2024-04) - IEC 61162-2 Ed. 2.0 (2024-04) - IEC 61162-3, Ed. 1.2 (2014-07) - IEC 61162-450 Ed. 3.0 (2024-04) IEC 62923-1, Ed. 1.0 (2018-08) IEC 62923-2, Ed. 1.0 (2018-08)

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RS nomenclature code	Item designation, SOLAS-74 regulation which determines ship's equipment	SOLAS-74 regulations, IMO resolutions and circulars, ITU recommendations which the item shall comply with	List of documents in the field of standardization and other documents, whose application, on a voluntary basis, provides compliance with the requirements that the item shall meet (testing standards)
04150300MK	Ship earth station for use in the GMDSS IV/10.1.1	SOLAS-74 reg. IV/10.1 A.694(17) A.813(19) A.1001(25) MSC.434(98) MSC.191(79) MSC.302(87) IMO MSC/Circ.862 IMO COMSAR.1/Circ.32/Rev.3	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 IEC 61097-16, Ed. 1.0 (2019-08) IEC 61162 series: - IEC 61162-1 Ed. 6.0 (2024-04) - IEC 61162-2 Ed. 2.0 (2024-04) - IEC 61162-3, Ed. 1.2 (2014-07) - IEC 61162-450 Ed. 3.0 (2024-04) IEC 62288, Ed. 3.0 (2021-12) IEC 62923-1, Ed. 1.0 (2018-08) IEC 62923-2, Ed. 1.0 (2018-08)

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RS nomenclature code	Item designation, SOLAS-74 regulation which determines ship's equipment	SOLAS-74 regulations, IMO resolutions and circulars, ITU recommendations which the item shall comply with	List of documents in the field of standardization and other documents, whose application, on a voluntary basis, provides compliance with the requirements that the item shall meet (testing standards)
04180000MK	NAVTEX receiver IV/7.1.4	SOLAS-74 reg. IV/7.1.4 SOLAS-74 reg. X/3 A.694(17) MSC.508(105) MSC.191(79) MSC.302(87) IMO COMSAR.1/Circ.32/Rev.3 IMO MSC.1/Circ.1645 Radio Regulations 2024 ITU-R M.540-2 (1990) ITU-R M.625-4 (2012)	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 IEC 61097-6, Ed. 2.2 (2019-07) IEC 62288, Ed. 3.0 (2021-12) IEC 61162 series: - IEC 61162-1 Ed. 6.0 (2024-04) - IEC 61162-2 Ed. 2.0 (2024-04) - IEC 61162-3, Ed. 1.2 (2014-07) - IEC 61162-450 Ed. 3.0 (2024-04) IEC 62923-1, Ed. 1.0 (2018-08) IEC 62923-2, Ed. 1.0 (2018-08)

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RS nomenclature code	Item designation, SOLAS-74 regulation which determines ship's equipment	SOLAS-74 regulations, IMO resolutions and circulars, ITU recommendations which the item shall comply with	List of documents in the field of standardization and other documents, whose application, on a voluntary basis, provides compliance with the requirements that the item shall meet (testing standards)
04190000MK	EGC receiver IV/7.1.4	SOLAS-74 reg. IV/7.1.4 A.694(17) MSC.306(87) MSC.431(98) MSC.302(87) MSC.191(79) IMO COMSAR.1/Circ.32/Rev.3 IMO MSC.1/Circ.1645	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 IEC 61097-4, Ed. 4.0 (2024-02) IEC 62288, Ed. 3.0 (2021-12) IEC 61162 series: - IEC 61162-1 Ed. 6.0 (2024-04) - IEC 61162-2 Ed. 2.0 (2024-04) - IEC 61162-3, Ed. 1.2 (2014-07) - IEC 61162-450 Ed. 3.0 (2024-04) IEC 62923-1, Ed. 1.0 (2018-08) IEC 62923-2, Ed. 1.0 (2018-08)

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RS nomenclature code	Item designation, SOLAS-74 regulation which determines ship's equipment	SOLAS-74 regulations, IMO resolutions and circulars, ITU recommendations which the item shall comply with	List of documents in the field of standardization and other documents, whose application, on a voluntary basis, provides compliance with the requirements that the item shall meet (testing standards)
04140010MK	HF receiver for MSI and SAR IV/7.1.4	SOLAS-74 reg. IV/7.1.4 A.694(17) MSC.508(105) MSC.191(79) IMO COMSAR.1/Circ.32/Rev.3 IMO MSC.1/Circ.1645 Radio Regulations 2024 ITU-R M.492-6 (1995) ITU-R M.540-2 (1990) ITU-R M.625-4 (2012) ITU-R M.688 (1990)	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 IEC 61097-9, Ed. 1.0 (1997-11) IEC 62288, Ed. 3.0 (2021-12) IEC 61162 series: - IEC 61162-1 Ed. 6.0 (2024-04) - IEC 61162-2 Ed. 2.0 (2024-04) - IEC 61162-3, Ed. 1.2 (2014-07) - IEC 61162-450 Ed. 3.0 (2024-04) ETS 300 067 (1993-10)
04220100MK	Search-and-rescue locating devices (SRLD): AIS-SART IV/7.1.3, 7.2, 7.3, 7.5	SOLAS-74 reg. IV/7.1.3, 7.2, 7.3, 7.5 A.694(17) MSC.246(83) IMO COMSAR.1/Circ.32/Rev.3 ITU-R M.1371-5 (2014)	IEC 60945 series: - IEC 60945 Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 IEC 61097-14, Ed. 1.0 (2010-04)

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RS nomenclature code	Item designation, SOLAS-74 regulation which determines ship's equipment	SOLAS-74 regulations, IMO resolutions and circulars, ITU recommendations which the item shall comply with	List of documents in the field of standardization and other documents, whose application, on a voluntary basis, provides compliance with the requirements that the item shall meet (testing standards)
04300000MK	Integrated communication system (ICS)	A.694(17) MSC.517(105) MSC.191(79) MSC.302(87) IMO COMSAR.1/Circ.32/Rev.3	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 IEC 62940 Ed. 1.0 (2016-10) IEC 62288, Ed. 3.0 (2021-12) IEC 62923-1, Ed. 1.0 (2018-08) IEC 62923-2, Ed. 1.0 (2018-08) IEC 61162 series: - IEC 61162-1 Ed. 6.0 (2024-04) - IEC 61162-2 Ed. 2.0 (2024-04) - IEC 61162-3, Ed. 1.2 (2014-07) - IEC 61162-450 Ed. 3.0 (2024-04)

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RS nomenclature code	Item designation, SOLAS-74 regulation which determines ship's equipment	SOLAS-74 regulations, IMO resolutions and circulars, ITU recommendations which the item shall comply with	List of documents in the field of standardization and other documents, whose application, on a voluntary basis, provides compliance with the requirements that the item shall meet (testing standards)
04160000MK	Emergency position-indicating radio beacon (EPIRB) IV/7.1.5	SOLAS-74 reg. IV/7.1.5 A.662(16) A.694(17) MSC.471(101) IMO MSC/Circ.862 IMO COMSAR.1/Circ.32/Rev.3 Radio Regulations 2024 ITU-R M.633-5 (2023) ITU-R M.690-3 (2015) ITU-R M.1371-5 (2014)	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 IEC 61097-2, Ed. 4.0 (2021-06)
04230000MK	Survival craft portable two-way VHF radiotelephone apparatus IV/7.2, 7.3	A.694(17) MSC.515(105) Radio Regulations 2024 ITU-R M.489-2 (1995)	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 IEC 61097-12, Ed. 1.1 (2017-07)

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RS nomenclature code	Item designation, SOLAS-74 regulation which determines ship's equipment	SOLAS-74 regulations, IMO resolutions and circulars, ITU recommendations which the item shall comply with	List of documents in the field of standardization and other documents, whose application, on a voluntary basis, provides compliance with the requirements that the item shall meet (testing standards)
04230001MK	Fixed survival craft two-way VHF radiotelephone apparatus IV/7.2, 7.3	A.694(17) A.809(19) Radio Regulations 2024 ITU-R M.489-2 (1995)	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 ETSI EN 301 466 V1.2.1 (2015-12)
04021200MK	Aeronautical two-way VHF radio telephone apparatus IV/7.6	SOLAS-74 reg. IV/7.6 A.694(17) MSC.80(70) MSC.516(105) IMO COMSAR.1/Circ.32/Rev.3 Radio Regulations 2024 ICAO Convention on International Civil Aviation, Annex 10	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 ETSI EN 301 688 V1.2.1 (2016-03)

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RS nomenclature code	Item designation, SOLAS-74 regulation which determines ship's equipment	SOLAS-74 regulations, IMO resolutions and circulars, ITU recommendations which the item shall comply with	List of documents in the field of standardization and other documents, whose application, on a voluntary basis, provides compliance with the requirements that the item shall meet (testing standards)
04220000MK	Search-and-rescue locating devices (SRLD): Radar SART IV/7.1.3, 7.2, 7.3, 7.5	SOLAS-74 reg. IV/7.1.3, 7.2, 7.3, 7.5 A.694(17) MSC.510(105) ITU-R M.628-5 (2012)	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 IEC 61097-1, Ed. 2.0 (2007-06)

* For application of resolutions MSC.508(105), MSC.511(105), MSC.512(105), MSC.513(105), MSC.515(105), MSC.516(105) and MSC.517(105), the phrase "installed on or after 1 January 2024" means the following:

- (a) for ships for which the building contract is placed on or after 1 January 2024, or in the absence of the contract, the keel of which is laid or at a similar stage of construction on or after 1 January 2024, "installed on or after 1 January 2024" means any installation on the ship;
- (b) for ships not listed in item (a) above, "installed on or after 1 January 2024" means a contractual delivery date for the equipment or, in the absence of the contractual delivery date, the actual delivery of the equipment to the ship on or after 1 January 2024.

Revised performance standards specified in the Annex to resolution MSC.510(105) (search-and-rescue radar transponders) shall apply to:

- (c) the equipment installed on ships for which the building contract is placed on or after 1 January 2024, or, in the absence of the contract, for ships the keels of which is laid or which are at the similar stage of construction on or after 1 January 2024; and
- (d) for ships other than ships specified in item (c) above, the equipment with a contractual delivery date on or after 1 January 2024 or, in the absence of a contractual date, an actual delivery date of the equipment to the ship on or after 1 January 2024.

** Refer to IMO circular MSC.1/Circ.1676 dated 30.06.2023."

16 NAVIGATIONAL EQUIPMENT

New Appendix is introduced reading as follows:

"APPENDIX

LIST OF REGULATORY DOCUMENTS APPLICABLE TO THE TYPE APPROVAL OF SHIPBORNE NAVIGATIONAL EQUIPMENT

RS nomenclature code	Item designation, SOLAS- 74 regulation that defines the ship equipment	RS rules, SOLAS-74 regulations, IMO resolutions and circulars, IITU recommendations which the item shall comply with	List of documents in the field of standardization and other documents, whose application, on a voluntary basis, provides compliance with the requirements that the item shall meet (testing standards)
05010000MK	Standard magnetic compass V/19.2.1.1	SOLAS-74 Reg. V/19.2.1.1 MSC.36(63) (1994 HSC Code) 13 MSC.97(73) (2000 HSC Code) 13 A.694(17) A.382(X)	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 ISO 1069:1973 ISO 25862:2019
05010200MK	Transmitting heading device THD (magnetic method) V/19.2.3.5	SOLAS-74 Reg. V/19.2.3.5 MSC.36(63) (1994 HSC Code) 13 MSC.97(73) (2000 HSC Code) 13 A.694(17) MSC.116(73) MSC.191(79) MSC.466(101)	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 ISO 22090-2:2014 IEC 62288, Ed. 3.0 (2021-12) IEC 61162 series: - IEC 61162-1, Ed. 6.0 (2024-04) - IEC 61162-2, Ed. 2.0 (2024-04) - IEC 61162-3, Ed. 1.2 (2014-07) - IEC 61162-450, Ed. 3.0 (2024-04)

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RS nomenclature code	Item designation, SOLAS- 74 regulation that defines the ship equipment	RS rules, SOLAS-74 regulations, IMO resolutions and circulars, IITU recommendations which the item shall comply with	List of documents in the field of standardization and other documents, whose application, on a voluntary basis, provides compliance with the requirements that the item shall meet (testing standards)
05010100MK	Transmitting heading device THD (GNSS method) V/19.2.3.5	SOLAS-74 Reg. V/19.2.3.5 MSC.36(63) (1994 HSC Code) 13 MSC.97(73) (2000 HSC Code) 13 A.694(17) MSC.116(73) MSC.191(79) MSC.466(101)	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 ISO 22090-3, Ed. 2.0 (2014-03) IEC 62288, Ed. 3.0 (2021-12) IEC 61162 series: - IEC 61162-1, Ed. 6.0 (2024-04) - IEC 61162-2, Ed. 2.0 (2024-04) - IEC 61162-3, Ed. 1.2 (2014-07) - IEC 61162-450, Ed. 3.0 (2024-04)
05010300MK	Transmitting heading device THD (Gyroscopic method) V/19.2.3.5	SOLAS-74 Reg. V/19.2.3.5 MSC.36(63) (1994 HSC Code) 13 MSC.97(73) (2000 HSC Code) 13 A.694(17) MSC.116(73) MSC.191(79) MSC.466(101)	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 ISO 22090-1:2014 IEC 62288, Ed. 3.0 (2021-12) IEC 61162 series: - IEC 61162-1, Ed. 6.0 (2024-04) - IEC 61162-2, Ed. 2.0 (2024-04) - IEC 61162-3, Ed. 1.2 (2014-07) - IEC 61162-450, Ed. 3.0 (2024-04)
05020000MK	Gyro compass V/19.2.5.1	SOLAS-74 Reg. V/19.2.5.1 A.694(17) A.424(XI) MSC.191(79) MSC.466(101)	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 ISO 8728:2014 IEC 62288, Ed. 3.0 (2021-12) IEC 61162 series: - IEC 61162-1, Ed. 6.0 (2024-04) - IEC 61162-2, Ed. 2.0 (2024-04) - IEC 61162-3, Ed. 1.2 (2014-07) - IEC 61162-450, Ed. 3.0 (2024-04)

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RS nomenclature code	Item designation, SOLAS- 74 regulation that defines the ship equipment	RS rules, SOLAS-74 regulations, IMO resolutions and circulars, ITU recommendations which the item shall comply with	List of documents in the field of standardization and other documents, whose application, on a voluntary basis, provides compliance with the requirements that the item shall meet (testing standards)
05020010MK	Gyro compass for high-speed craft HSC Code (2000) 13.2.6	MSC.36(63) (1994 HSC Code) 13 MSC.97(73) (2000 HSC Code) 13 A.694(17) A.821(19) MSC.191(79) MSC.466(101)	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 ISO 16328:2014 IEC 62288, Ed. 3.0 (2021-12) IEC 61162 series: - IEC 61162-1, Ed. 6.0 (2024-04) - IEC 61162-2, Ed. 2.0 (2024-04) - IEC 61162-3, Ed. 1.2 (2014-07) - IEC 61162-450, Ed. 3.0 (2024-04)
05030000MK	Speed and distance measuring equipment through the water (SDME) V/19.2.3.4	SOLAS-74 Reg. V/19.2.3.4 MSC.36(63) (1994 HSC Code) 13 MSC.97(73) (2000 HSC Code) 13 A.694(17) MSC.96(72) MSC.191(79) MSC.466(101)	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 IEC 61023, Ed. 3.0 (2007-06) IEC 62288, Ed. 3.0 (2021-12) IEC 61162 series: - IEC 61162-1, Ed. 6.0 (2024-04) - IEC 61162-2, Ed. 2.0 (2024-04) - IEC 61162-3, Ed. 1.2 (2014-07) - IEC 61162-450, Ed. 3.0 (2024-04)
05030100MK	Speed and distance measuring equipment over the ground in the forward and athwartships direction (SDME) V/19.2.9.2	SOLAS-74 Reg. V/19.2.9.2 MSC.36(63) (1994 HSC Code) 13 MSC.97(73) (2000 HSC Code) 13 A.694(17) MSC.96(72) MSC.191(79) MSC.466(101)	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 IEC 61023, Ed. 3.0 (2007-06) IEC 62288, Ed. 3.0 (2021-12) IEC 61162 series: - IEC 61162-1, Ed. 6.0 (2024-04) - IEC 61162-2, Ed. 2.0 (2024-04) - IEC 61162-3, Ed. 1.2 (2014-07) - IEC 61162-450, Ed. 3.0 (2024-04)

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RS nomenclature code	Item designation, SOLAS- 74 regulation that defines the ship equipment	RS rules, SOLAS-74 regulations, IMO resolutions and circulars, IITU recommendations which the item shall comply with	List of documents in the field of standardization and other documents, whose application, on a voluntary basis, provides compliance with the requirements that the item shall meet (testing standards)
05050000MK	Echo-sounding equipment V/19.2.3.1	SOLAS-74 Reg. V/19.2.3.1 MSC.36(63) (1994 HSC Code) 13 MSC.97(73) (2000 HSC Code) 13 A.694(17) MSC.74(69) MSC.191(79) MSC.466(101)	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 ISO 9875:2000 incl. ISO Technical Corr. 1:2006 IEC 62288, Ed. 3.0 (2021-12) IEC 61162 series: - IEC 61162-1, Ed. 6.0 (2024-04) - IEC 61162-2, Ed. 2.0 (2024-04) - IEC 61162-3, Ed. 1.2 (2014-07) - IEC 61162-450, Ed. 3.0 (2024-04)
05060000MK	Heading control system (HCS) V/19.2.8.2	SOLAS-74 Reg. V/19.2.8.2 A.694(17) MSC.64(67) MSC.191(79) MSC.466(101)	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 ISO 11674:2019 IEC 62288, Ed. 3.0 (2021-12) IEC 61162 series: - IEC 61162-1, Ed. 6.0 (2024-04) - IEC 61162-2, Ed. 2.0 (2024-04) - IEC 61162-3, Ed. 1.2 (2014-07) - IEC 61162-450, Ed. 3.0 (2024-04)
05060010MK	Heading control system for high-speed craft HSC Code (2000) 13.12	MSC.36(63) (1994 HSC Code) 13 MSC.97(73) (2000 HSC Code) 13 A.694(17) A.822(19) MSC.191(79) MSC.466(101)	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 ISO 16329:2003 IEC 62288, Ed. 3.0 (2021-12) IEC 61162 series: - IEC 61162-1, Ed. 6.0 (2024-04) - IEC 61162-2, Ed. 2.0 (2024-04) - IEC 61162-3, Ed. 1.2 (2014-07) - IEC 61162-450, Ed. 3.0 (2024-04)

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RS nomenclature code	Item designation, SOLAS- 74 regulation that defines the ship equipment	RS rules, SOLAS-74 regulations, IMO resolutions and circulars, ITU recommendations which the item shall comply with	List of documents in the field of standardization and other documents, whose application, on a voluntary basis, provides compliance with the requirements that the item shall meet (testing standards)
05060100MK	Track control system V/19.2.8.2	SOLAS-74 Reg. V/19.2.8.2 A.694(17) MSC.74(69) MSC.191(79) MSC.466(101)	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 IEC 62065, Ed. 2.0 (2014-02) IEC 62288, Ed. 3.0 (2021-12) IEC 61162 series: - IEC 61162-1, Ed. 6.0 (2024-04) - IEC 61162-2, Ed. 2.0 (2024-04) - IEC 61162-3, Ed. 1.2 (2014-07) - IEC 61162-450, Ed. 3.0 (2024-04)
05070000MK	Integrated navigation system	MSC.36(63) (1994 HSC Code) 13 MSC.97(73) (2000 HSC Code) 13 A.694(17) MSC.252(83) MSC.452(99) MSC.302(87) MSC.191(79) MSC.466(101)	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 IEC 61924-2, Ed. 2.0 (2021-02) IEC 62288, 3.0 (2021-12) IEC 61162 series: - IEC 61162-1, Ed. 6.0 (2024-04) - IEC 61162-2, Ed. 2.0 (2024-04) - IEC 61162-3, Ed. 1.2 (2014-07) - IEC 61162-450, Ed. 3.0 (2024-04) IEC 62923-1, Ed. 1.0 (2018-08) IEC 62923-2, Ed. 1.0 (2018-08)
05120000MK	Rate-of-turn indicator V/19.2.9.1	SOLAS-74 Reg. V/19.2.9.1 MSC.36(63) (1994 HSC Code) 13 MSC.97(73) (2000 HSC Code) 13 A.694(17) A.526(13) MSC.191(79) MSC.466(101)	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 ISO 20672:2022 IEC 62288, Ed. 3.0 (2021-12) IEC 61162 series: - IEC 61162-1, Ed. 6.0 (2024-04) - IEC 61162-2, Ed. 2.0 (2024-04) - IEC 61162-3, Ed. 1.2 (2014-07) - IEC 61162-450, Ed. 3.0 (2024-04)

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RS nomenclature code	Item designation, SOLAS- 74 regulation that defines the ship equipment	RS rules, SOLAS-74 regulations, IMO resolutions and circulars, ITU recommendations which the item shall comply with	List of documents in the field of standardization and other documents, whose application, on a voluntary basis, provides compliance with the requirements that the item shall meet (testing standards)
05130000MK	Electronic chart display and information system (ECDIS) V/19.2.10	SOLAS-74, Reg. V/19.2.1.4 MSC.36(63) (1994 HSC Code) 13 MSC.97(73) (2000 HSC Code) 13 A.694(17) MSC.232(82) MSC.191(79) MSC.466(101) MSC.1/Circ.1503. Rev.1	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 IEC 61174, Ed. 4.0 (2015) IEC 62288, Ed. 3.0 (2021-12) IEC 61162 series: - IEC 61162-1, Ed. 6.0 (2024-04) - IEC 61162-2, Ed. 2.0 (2024-04) - IEC 61162-3, Ed. 1.2 (2014-07) - IEC 61162-450, Ed. 3.0 (2024-04)
05140210MK	Radar equipment for ships less than 500 gt (CAT 3) V/19.2.3.2	SOLAS-74, Reg. V/19.2.3.2 A.694(17) MSC.192(79) MSC.191(79) MSC.466(101) ITU-R M.1177-4 (2011)	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 IEC 62388, Ed. 2.0 (2013-06) IEC 62288, Ed. 3.0 (2021-12) IEC 61162 series: - IEC 61162-1, Ed. 6.0 (2024-04) - IEC 61162-2, Ed. 2.0 (2024-04) - IEC 61162-3, Ed. 1.2 (2014-07) - IEC 61162-450, Ed. 3.0 (2024-04)
05140220MK	Radar equipment for ships less than 10 000 gt (CAT 2) V/19.2.7.1	SOLAS-74, Reg. V/19.2.7.1 A.694(17) MSC.192(79) MSC.191(79) MSC.466(101) ITU-R M.1177-4 (2011)	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 IEC 62388, Ed. 2.0 (2013-06) IEC 62288, Ed. 3.0 (2021-12) IEC 61162 series: - IEC 61162-1, Ed. 6.0 (2024-04) - IEC 61162-2, Ed. 2.0 (2024-04) - IEC 61162-3, Ed. 1.2 (2014-07) - IEC 61162-450, Ed. 3.0 (2024-04)

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RS nomenclature code	Item designation, SOLAS- 74 regulation that defines the ship equipment	RS rules, SOLAS-74 regulations, IMO resolutions and circulars, ITU recommendations which the item shall comply with	List of documents in the field of standardization and other documents, whose application, on a voluntary basis, provides compliance with the requirements that the item shall meet (testing standards)
05140230MK	Radar equipment for ships of 10 000 gt and upwards (CAT 1) V/19.2.8.1	SOLAS-74, Reg. V/19.2.8.1 A.694(17) MSC.192(79) MSC.191(79) MSC.466(101) ITU-R M.1177-4 (2011)	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 IEC 62388, Ed. 2.0 (2013-06) IEC 62288, Ed. 3.0 (2021-12) IEC 61162 series: - IEC 61162-1, Ed. 6.0 (2024-04) - IEC 61162-2, Ed. 2.0 (2024-04) - IEC 61162-3, Ed. 1.2 (2014-07) - IEC 61162-450, Ed. 3.0 (2024-04)
05140231MK	Radar equipment for high-speed craft (CAT 1H, CAT 2H) V/19.2.8.1 V/19.2.3.2 HSC Code (2000) 13.5	MSC.36(63) (1994 HSC Code) 13 MSC.97(73) (2000 HSC Code) 13 A.694(17) MSC.192(79) MSC.191(79) MSC.466(101) ITU-R M.1177-4 (2011)	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 IEC 62388, Ed. 2.0 (2013-06) IEC 62288, Ed. 3.0 (2021-12) IEC 61162 series: - IEC 61162-1, Ed. 6.0 (2024-04) - IEC 61162-2, Ed. 2.0 (2024-04) - IEC 61162-3, Ed. 1.2 (2014-07) - IEC 61162-450, Ed. 3.0 (2024-04)
05140232MK	Chart radar equipment (CAT 1C, CAT 2C)	A.694(17) MSC.192(79) MSC.191(79) MSC.466(101) ITU-R M.1177-4 (2011)	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 IEC 62388, Ed. 2.0 (2013-06) IEC 62288, Ed. 3.0 (2021-12) IEC 61174, Ed. 4.0 (2015-08) IEC 61162 series: - IEC 61162-1, Ed. 6.0 (2024-04) - IEC 61162-2, Ed. 2.0 (2024-04) - IEC 61162-3, Ed. 1.2 (2014-07) - IEC 61162-450, Ed. 3.0 (2024-04)

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RS nomenclature code	Item designation, SOLAS- 74 regulation that defines the ship equipment	RS rules, SOLAS-74 regulations, IMO resolutions and circulars, ITU recommendations which the item shall comply with	List of documents in the field of standardization and other documents, whose application, on a voluntary basis, provides compliance with the requirements that the item shall meet (testing standards)
05140233MK	Chart radar equipment for high-speed craft (CAT 1HC, CAT 2HC)	MSC.36(63) (1994 HSC Code) 13 MSC.97(73) (2000 HSC Code) 13 A.694(17) MSC.192(79) MSC.191(79) MSC.466(101) ITU-R M.1177-4 (2011)	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 IEC 62388, Ed. 2.0 (2014-02) IEC 62288, Ed. 3.0 (2021-12) IEC 61174, Ed. 4.0 (2015-08) IEC 61162 series: - IEC 61162-1, Ed. 6.0 (2024-04) - IEC 61162-2, Ed. 2.0 (2024-04) - IEC 61162-3, Ed. 1.2 (2014-07) - IEC 61162-450, Ed. 3.0 (2024-04)
05140300MK	GNSS receiver (GPS) V/19.2.1.6	SOLAS-74 Reg. V/19.2.1.6 MSC.36(63) (1994 HSC Code) 13 MSC.97(73) (2000 HSC Code) 13 A.694(17) MSC.112(73) MSC.191(79) MSC.466(101) ITU-R M.823-3 (2006)	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 IEC 61108-1, Ed. 2.0 (2003-07) IEC 62288, Ed. 3.0 (2021-12) IEC 61162 series: - IEC 61162-1, Ed. 6.0 (2024-04) - IEC 61162-2, Ed. 2.0 (2024-04) - IEC 61162-3, Ed. 1.2 (2014-07) - IEC 61162-450, Ed. 3.0 (2024-04)
05140310MK	GNSS receiver (GLONASS) V/19.2.1.6	SOLAS-74 Reg. V/19.2.1.6 MSC.36(63) (1994 HSC Code) 13 MSC.97(73) (2000 HSC Code) 13 A.694(17) MSC.113(73) MSC.191(79) MSC.466(101) ITU-R M.823-3 (2006)	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 IEC 61108-2, Ed. 1.0 (1998-06) IEC 62288, Ed. 3.0 (2021-12) IEC 61162 series: - IEC 61162-1, Ed. 6.0 (2024-04) - IEC 61162-2, Ed. 2.0 (2024-04) - IEC 61162-3, Ed. 1.2 (2014-07) - IEC 61162-450, Ed. 3.0 (2024-04)

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RS nomenclature code	Item designation, SOLAS- 74 regulation that defines the ship equipment	RS rules, SOLAS-74 regulations, IMO resolutions and circulars, ITU recommendations which the item shall comply with	List of documents in the field of standardization and other documents, whose application, on a voluntary basis, provides compliance with the requirements that the item shall meet (testing standards)
05140320MK	GNSS receiver (Galileo) V/19.2.1.6	SOLAS-74 Reg. V/19.2.1.6 MSC.36(63) (1994 HSC Code) 13 MSC.97(73) (2000 HSC Code) 13 A.694(17) MSC.233(82) MSC.191(79) MSC.466(101) ITU-R M.823-3 (2006)	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 IEC 61108-3, Ed. 1.0 (2010-05) IEC 62288, Ed. 3.0 (2021-12) IEC 61162 series: - IEC 61162-1, Ed. 6.0 (2024-04) - IEC 61162-2, Ed. 2.0 (2024-04) - IEC 61162-3, Ed. 1.2 (2014-07) - IEC 61162-450, Ed. 3.0 (2024-04)
05140330MK	Combined GPS/GLONASS equipment V/19.2.1.6	SOLAS-74 Reg. V/19.2.1.6 MSC.36(63) (1994 HSC Code) 13 MSC.97(73) (2000 HSC Code) 13 A.694(17) MSC.115(73) MSC.191(79) MSC.466(101) ITU-R M.823-3 (2006)	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 IEC 61108-1, Ed. 2.0 (2003-07) IEC 61108-2, Ed. 1.0 (1998-06) IEC 62288, Ed. 3.0 (2021-12) IEC 61162 series: - IEC 61162-1, Ed. 6.0 (2024-04) - IEC 61162-2, Ed. 2.0 (2024-04) - IEC 61162-3, Ed. 1.2 (2014-07) - IEC 61162-450, Ed. 3.0 (2024-04)
05140340MK	Differential beacon receiver for DGPS and DGLONASS equipment	MSC.36(63) (1994 HSC Code) 13 MSC.97(73) (2000 HSC Code) 13 A.694(17) MSC.114(73) ITU-R M.823-3 (2006)	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 IEC 61108-4, Ed. 2.0 (2004-07) IEC 61162 series: - IEC 61162-1, Ed. 6.0 (2024-04) - IEC 61162-2, Ed. 2.0 (2024-04) - IEC 61162-3, Ed. 1.2 (2014-07) - IEC 61162-450, Ed. 3.0 (2024-04)

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RS nomenclature code	Item designation, SOLAS- 74 regulation that defines the ship equipment	RS rules, SOLAS-74 regulations, IMO resolutions and circulars, ITU recommendations which the item shall comply with	List of documents in the field of standardization and other documents, whose application, on a voluntary basis, provides compliance with the requirements that the item shall meet (testing standards)
05140350MK	GNSS receiver (Beidou) V/19.2.1.6	SOLAS-74 Reg. V/19.2.1.6 MSC.36(63) (1994 HSC Code) 13 MSC.97(73) (2000 HSC Code) 13 A.694(17) MSC.379(93) MSC.191(79) MSC.466(101) ITU-R M.823-3 (2006)	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 IEC 61108-5, Ed. 1.0 (2020-03) IEC 62288, Ed. 3.0 (2021-12) IEC 61162 series: - IEC 61162-1, Ed. 6.0 (2024-04) - IEC 61162-2, Ed. 2.0 (2024-04) - IEC 61162-3, Ed. 1.2 (2014-07) - IEC 61162-450, Ed. 3.0 (2024-04)
05140360MK	IRNSS receiver V/19.2.1.6	SOLAS-74 Reg. V/19.2.1.6 MSC.36(63) (1994 HSC Code) 13 MSC.97(73) (2000 HSC Code) 13 A.694(17) MSC.449(99) MSC.191(79) MSC.466(101) ITU-R M.823-3 (2006)	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 IEC 61108-6, Ed. 1.0 (2023-02) IEC 62288, Ed. 3.0 (2021-12) IEC 61162 series: - IEC 61162-1, Ed. 6.0 (2024-04) - IEC 61162-2, Ed. 2.0 (2024-04) - IEC 61162-3, Ed. 1.2 (2014-07) - IEC 61162-450, Ed. 3.0 (2024-04)
05140400MK	Radar reflector — passive type V/19.2.1.7	SOLAS-74 Reg. V/19.2.1.7 MSC.36(63) (1994 HSC Code) 13 MSC.97(73) (2000 HSC Code) 13 MSC.164(78)	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 ISO 8729-1:2010
05150000MK	Class A shipborne equipment of the automatic identification system (AIS) V/19.2.4	SOLAS-74 Reg. V/19.2.4.5 MSC.36(63) (1994 HSC Code) 13 MSC.97(73) (2000 HSC Code) 13 A.694(17) MSC.74(69) MSC.191(79) MSC.466(101) Radio Regulations 2024 ITU-R M.1371-5 (2014)	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 IEC 61993-2, Ed. 3.0 (2018-07) IEC 62288, Ed. 3.0 (2021-12) IEC 61162 series: - IEC 61162-1, Ed. 6.0 (2024-04) - IEC 61162-2, Ed. 2.0 (2024-04) - IEC 61162-3, Ed. 1.2 (2014-07) - IEC 61162-450, Ed. 3.0 (2024-04)

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RS nomenclature code	Item designation, SOLAS- 74 regulation that defines the ship equipment	RS rules, SOLAS-74 regulations, IMO resolutions and circulars, ITU recommendations which the item shall comply with	List of documents in the field of standardization and other documents, whose application, on a voluntary basis, provides compliance with the requirements that the item shall meet (testing standards)
05150000	Class B shipborne equipment of the automatic identification system (AIS)	A.694(17) Radio Regulations 2024 ITU-R M.1371-5 (2014) Part V of the Rules for the Equipment of Sea-Going Ships, Appendix 1, Section 6	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) GOST R IEC 60945-2007 IEC 62287-1, Ed. 3.1 (2022-11) IEC 62287-2, Ed. 2.0 (2017-02) IEC 61162 series: - IEC 61162-1, Ed. 6.0 (2024-04) - IEC 61162-2, Ed. 2.0 (2024-04) - IEC 61162-3, Ed. 1.2 (2014-07) - IEC 61162-450, Ed. 3.0 (2024-04)
05160100MK	Voyage data recorder (VDR) V/20.1	SOLAS-74 Reg. V/20.1 MSC.36(63) (1994 HSC Code) 13 MSC.97(73) (2000 HSC Code) 13 A.694(17) MSC.333(90) MSC.494(104) MSC.191(79) MSC.466(101)	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 IEC 61996-1, Ed. 2.1 (2021-05) IEC 62288, Ed. 3.0 (2021-12) IEC 61162 series: - IEC 61162-1, Ed. 6.0 (2024-04) - IEC 61162-2, Ed. 2.0 (2024-04) - IEC 61162-3, Ed. 1.2 (2014-07) - IEC 61162-450, Ed. 3.0 (2024-04)
05160200MK	Simplified voyage data recorder (S-VDR) V/20.2	SOLAS-74 Reg. V/20.2 A.694(17) MSC.163(78) MSC.214(81) MSC.493(104) MSC.191(79) MSC.466(101)	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 IEC 61996-2, Ed. 1.0 (2007-11) IEC 62288, Ed. 3.0 (2021-12) IEC 61162 series: - IEC 61162-1, Ed. 6.0 (2024-04) - IEC 61162-2, Ed. 2.0 (2024-04) - IEC 61162-3, Ed. 1.2 (2014-07) - IEC 61162-450, Ed. 3.0 (2024-04)

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RS nomenclature code	Item designation, SOLAS- 74 regulation that defines the ship equipment	RS rules, SOLAS-74 regulations, IMO resolutions and circulars, ITU recommendations which the item shall comply with	List of documents in the field of standardization and other documents, whose application, on a voluntary basis, provides compliance with the requirements that the item shall meet (testing standards)
05170000MK	Sound reception system V/19.2.1.8	SOLAS-74 Reg. V/19.2.1.8 MSC.36(63) (1994 HSC Code) MSC.97(73) (2000 HSC Code) A.694(17) MSC.86(70) MSC.191(79) MSC.466(101)	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 ISO 14859:2012 IEC 62288, Ed. 3.0 (2021-12) IEC 61162 series: - IEC 61162-1, Ed. 6.0 (2024-04) - IEC 61162-2, Ed. 2.0 (2024-04) - IEC 61162-3, Ed. 1.2 (2014-07) - IEC 61162-450, Ed. 3.0 (2024-04)
05190000MK	Bridge navigational watch alarm system (BNWAS) V/19.2.2.3	A.694(17) MSC.128(75) MSC.191(79) MSC.466(101)	IEC 60945 series: - IEC 60945 Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 IEC 62288, Ed. 3.0 (2021-12) IEC 62616:2010 / incl. Corr. 1(2012) IEC 61162 series: - IEC 61162-1, Ed. 6.0 (2024-04) - IEC 61162-2, Ed. 2.0 (2024-04) - IEC 61162-3, Ed. 1.2 (2014-07) - IEC 61162-450, Ed. 3.0 (2024-04)
05200000MK	Equipment with long-range identification and tracking (LRIT) capability V/19-1.4.1, 2	SOLAS-74 Reg. V/19-1 A.694(17) MSC.263(84) MSC.1/Circ.1307	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 IEC 62729, Ed. 1.0 (2012-06) IEC 61162 series: - IEC 61162-1, Ed. 6.0 (2024-04) - IEC 61162-2, Ed. 2.0 (2024-04) - IEC 61162-3, Ed. 1.2 (2014-07) - IEC 61162-450, Ed. 3.0 (2024-04)

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RS nomenclature code	Item designation, SOLAS- 74 regulation that defines the ship equipment	RS rules, SOLAS-74 regulations, IMO resolutions and circulars, ITU recommendations which the item shall comply with	List of documents in the field of standardization and other documents, whose application, on a voluntary basis, provides compliance with the requirements that the item shall meet (testing standards)
05220100MK	Night vision equipment for high-speed craft HSC Code (2000), 13.10	MSC.36(63) (1994 HSC Code) 13 MSC.97(73) (2000 HSC Code) 13 A.694(17) MSC.94(72) MSC.191(79) MSC.466(101)	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 ISO 16273:2020 IEC 62288, Ed. 3.0 (2021-12) IEC 61162 series: - IEC 61162-1, Ed. 6.0 (2024-04) - IEC 61162-2, Ed. 2.0 (2024-04) - IEC 61162-3, Ed. 1.2 (2014-07) - IEC 61162-450, Ed. 3.0 (2024-04)
05230000	Electronic inclinometer	A.694(17) MSC.363(92) MSC.191(79) MSC.466(101)	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 ISO 19697:2016 IEC 62288, Ed. 3.0 (2021-12) IEC 61162 series: - IEC 61162-1, Ed. 6.0 (2024-04) - IEC 61162-2, Ed. 2.0 (2024-04) - IEC 61162-3, Ed. 1.2 (2014-07) - IEC 61162-450, Ed. 3.0 (2024-04)
05220000	Meteorological complex	A.694(17) Part V of the Rules for the Equipment, Appendix 1, Section 1	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 IEC 61162 series: - IEC 61162-1, Ed. 6.0 (2024-04) - IEC 61162-2, Ed. 2.0 (2024-04) - IEC 61162-3, Ed. 1.2 (2014-07) - IEC 61162-450, Ed. 3.0 (2024-04)
05140240	Radar ice display	A.694(17) MSC.191(79) MSC.466(101) Part V of the Rules for the Equipment, Appendix 1, Section 4	IEC 60945 series: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 IEC 62288, Ed. 3.0 (2021-12)

*Rules for Technical Supervision during Construction of Ships
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RS nomenclature code	Item designation, SOLAS- 74 regulation that defines the ship equipment	RS rules, SOLAS-74 regulations, IMO resolutions and circulars, ITU recommendations which the item shall comply with	List of documents in the field of standardization and other documents, whose application, on a voluntary basis, provides compliance with the requirements that the item shall meet (testing standards)
05411000	450-Node	A.694(17) Part V of the Rules for the Equipment, Appendix 1, Section 5	IEC 60945: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 IEC 61162 series: - IEC 61162-460, Ed. 3.0 (2024-04)
05412000	460-Node	A.694(17) Part V of the Rules for the Equipment, Appendix 1, Section 5	IEC 60945: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 IEC 61162 series: - IEC 61162-460, Ed. 3.0 (2024-04)
05413000	460-Switch	A.694(17) Part V of the Rules for the Equipment, Appendix 1, Section 5	IEC 60945: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 IEC 61162 series: - IEC 61162-460, Ed. 3.0 (2024-04)
05414000	460-Forwarder	A.694(17) Part V of the Rules for the Equipment, Appendix 1, Section 5	IEC 60945: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 IEC 61162 series: - IEC 61162-460, Ed. 3.0 (2024-04)
05415000	460-Gateway	A.694(17) Part V of the Rules for the Equipment, Appendix 1, Section 5	IEC 60945: - IEC 60945, Ed. 4.0/Cor.1 (2008-04) - GOST R IEC 60945-2007 IEC 61162 series: - IEC 61162-460, Ed. 3.0 (2024-04)

Russian Maritime Register of Shipping

**Rule Change Notice
to the Rules for Technical Supervision during Construction of Ships
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