



RUSSIAN MARITIME REGISTER OF SHIPPING

RULE CHANGE NOTICE

No. 311-05-2061

dated 25.11.2025

Entry-into-force date:

01.01.2026

Re: amendments to the Guidelines on Technical Supervision of Ships under Construction, ND No. 2-030101-042-E, version 01.07.2025

Instructions on application:

1. Bring the content of the Notice to the attention of the RS surveyors.
 2. Apply the provisions of the Notice during survey of ships under construction on or after 01.01.2026.
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Acting Director General

Sergey A. Shishkin

Person in charge: Andrei B. Prokhorov 311

+7(812)312-11-00

**AMENDMENTS
TO THE GUIDELINES ON TECHNICAL SUPERVISION OF SHIPS UNDER CONSTRUCTION (01.07.2025)**

REVISION HISTORY

Item	Applied to	Description	Remarks
Para 1.1.4	Materials and products Qualification of welders Approval of welding procedures	Reference to the applicable requirements has been updated	
Table 2.5.1, items 1.1–1.5	Hull survey requirements Welding consumables Welders' qualification Welding procedures Welding equipment Welding environment Testing of welds	Terminology has been brought into compliance with the terminology adopted in the RS rules. Column "RS proposals for the project" for items 1.1–1.3 and 1.3c has been supplemented with the provisions aimed at ensuring quality of welded joints	IACS UR Z23 (Oct 2020/Corr.1 Oct 2022)
Para 2.7.4	Survey planning Applicability of Quality Standard during construction	Applicability of IACS Recommendation No. 47 Quality Standard has been specified	IACS Rec. No. 47 (Rev.10 Sep. 2021)
Para 2.12.6.2 (deleted)	RS surveyor's periodical inspections	Para has been deleted due to its irrelevance and alignment with IACS UR Z23	IACS UR Z23 (Oct 2020/Corr.1 Oct 2022)
Section 10, Appendix 1, para 10.2.5 (new)	Electrical equipment Cables	Requirement has been introduced for inspection when inserting cables into equipment	Requirement in simplified form has been transferred from para 16.8.10.2, Part XI «Electrical Equipment» of the RS Rules/C

1 GENERAL

1.1 SCOPE OF APPLICATION

Para 1.1.4 is amended as follows:

"1.1.4 Provisions related to surveys and testing associated with technical supervision of the materials and products applied during construction, as well as to the welders' certification and welding procedure approval are given in Parts III "Technical Supervision during Manufacture of Materials" and IV "Technical Supervision during Manufacture of Products" of the Rules for Technical Supervision—TSDCS, as well as in Part XIV "Welding" of the RS Rules/C."

2 HULL

2.5 SURVEY OF THE HULL STRUCTURE

Table 2.5.1 is amended as follows:

"Table 2.5.1

Hull Survey Requirements

No. Item	Shipbuilding function	Survey Requirements for Classification	Survey Method required for Classification	Reference*	Statutory requirements and relevant reference	Documentation available to RS surveyor during construction	Documentation for ship construction file	Specific activities	RS proposals for the project
1	Welding:								
1.1	welding consumables	classification approved separately at the manufacturer. (i.e. RS tested and approved at the firm (manufacturer))	review approval status and patrol;	IACS URW 17. Section 4.1, IACS Rec. No. 47. Section 4, Part XIV of the RS Rules/C**. <u>IACS UR W17</u>	-	consumable specification, and approval status (copies of Certificate of Approval for Welding Consumables (COCM), delivery notes, certificates for ancillary materials, packing for materials)	not required	identify consumables against approved list.	<u>shipyard provides a list of welding consumables planned to be used for construction of this project with indication of COCM numbers</u>
			verify storage, handling and treatment in accordance with the firm (manufacturer's) requirements			handling and delivery records of welding consumables (<u>drying for welding electrodes, fluxes, cleaning of wire surface, if required) and their issue</u>		verify temporary and permanent storage facilities.	<u>e.g. kept shipyard keeps in dry, covered, where applicable necessary, heated space; performs drying of electrodes and welding fluxes according to the manufacturer's specification requirements; records results for control of materials' handling, treatment drying and use issue shall be recorded in accordance with the shipyard's established order; applies measures providing compliance with the requirements for supply of welding consumables to the welding assembly places, e.g., application of heated quivers to supply electrodes considering environmental conditions</u>
								verify traceability	<u>e.g. random batch number checking of welding consumable for compliance with the submitted quality</u>

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									<u>certificates of firms (manufacturers)</u>
1.2	welders' qualification	qualified welders welding of hull structures shall be carried out by the qualified welders certified with the Welder Approval Test Certificate (CДC)	review of welder certification and patrol (shipyard's and its subcontractors' CДC (if available))	Section 3.1, IACS Rec. No. 47, Section 5, Part XIV of the RS Rules/C, Section 4, Part III of the Rules for Technical Supervision TSDCS***, Chapter 3.1, Part A of IACS Rec. No. 47, IACS UR W32	=	shipyard's records with individual's identification (<u>CДC, list of welders with their identification and qualification data, as agreed with the shipyard</u>)	not required	verify welder-qualification standard, -(availability of CДC, validity terms, welder approval range as per welding positions, welders' identification)	RS surveyor may check <u>certification and qualification of welders during patrol of production site; upon agreement with RS, shipyard may provide welders with portable laminated badges containing the information on CДC and welder's photo for identification for them to carry; shipyard's records in CДC regarding extension shall be checked every 6 months</u>
1.3	welding — mechanical properties (welding procedures)	all weld joint configurations, positions and materials to be covered by weld procedures (COTПC), approved by RS or by another IACS member available (subject to special agreement with RS) RS witnesses all new weld procedure qualification tests carried out in the shipyard	documentation review and patrol	IACS UR W28, Section 3.2, IACS Rec. No. 47, Section 6, Part III of the Rules for Technical Supervision TSDCS; Chapter 3.2, Part A of IACS Rec. No. 47; IACS UR W28	=	approved Table of the ship's hull welding, approved hull structural drawings, Welding Procedure Approval Test Certificate (COTПC), welding procedure specifications (WPS)	not required	verify that WPS are available at relevant workstations	shipyard provides <u>applicable COTПC in a set of WPS. In case the required COTПC is unavailable, shipyard initiates the procedure for its approval</u>
			witness (<u>according to 2.2.3.3</u>) at welding of samples, review of NDT results and direct participation in <u>mechanical tests of welding samples, issue of COTПC</u>				not required	<u>review of technical documentation on manufacture of hull structures aimed at identification of welding procedure and their correlation with the approved CPC and COTПC at the shipyard; verify that approved COTПC submitted for the project, cover all planned welding procedures to be applied and positions in accordance with the RS requirements or recognized standards</u> <u>CPC review and approval developed during implementation of new welding procedures</u> <u>participation in tests of the welded joints test pieces and sample tests with approval of weld procedures</u>	

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1.3a	welding equipment	correctly calibrated and maintained (<u>scheduled maintenance including calibration of parameters shall be performed</u>)	patrol and review	<u>ISO 17662 (GOST R ISO 17662)</u>	=	<u>plans, schedules of machinery and equipment maintenance and calibration, trails-schedule of maintenance and calibration of welding equipment, records (with performance remarks)</u>	not required	verify in cooperation with the committed personnel of the shipyard condition of welding equipment and machinery <u>verify welding equipment is calibrated by appropriate staff</u> verify calibration carried out in accordance with the firm (manufacturer's) recommendations verify calibration in accordance with maintenance schedule	
1.3b	welding environment	satisfactory environment <u>shall be provided to perform welding</u>	patrol	<u>Section 2, IACS Rec. No. 47, Chapter 2.1, Part XIV of the RS Rules/C</u>	=	operational instructions on performing welding works <u>Chapter 2.1, Part XIV of the RS Rules/C, WPS</u>	not required	verify welding areas clean, dry, well-lit <u>and areas to perform welding protected against environment (for example, precipitations, wind, etc.)</u> confirm relevant measures taken for any pre or post heat treatment, drying of surfaces <u>welded edges</u> prior to welding verify welding consumables used <u>applied (including shielding gases and fluxes)</u> are protected against adverse environmental conditions and adequately prepared prior to use	
1.3c	welding supervision	sufficient number of skilled personnel <u>supervisors</u> available at the shipyard, trained and certified by the competent <u>accredited certification</u> body to carry out welded joint inspection and their quality assessment	review and patrol	<u>IACS UR W33, Section 2.3, 3-3, IACS Rec. No. 47, Section 3, Part XIV of the RS Rules/C, IACS UR W33</u>	=	<u>supervisors' certificates, regulations on firm's laboratory (if applicable), technical control service: check reports on compliance with welding procedure</u>	=	verify supervision is effective (weld joint testing efficiency by the shipbuilder) <u>considering requirements of 2.12.4 and 2.12.5</u>	<u>shipyard performs specified activities ensuring high quality of welds (for example, strict division of production and control functions, process, monitoring and financial instruments, etc.), patrols by shipyard's representatives of compliance with the welding procedures</u>

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1.4	welding — surface discontinuities	substantially free from significant indications absence of unacceptable imperfections, satisfactory profile and size according to the recognized standards	visual examination, surface detection techniques, review of documents and patrol of operator's certificates	IACS UR W33, IACS Rec. No. 47, Section 3, Part XIV of the RS Rules/C; IACS UR W33	=	Section 3, Part XIV of the RS Rules/C, shipbuilder's and agreed standards, Rules, as applicable containing criteria for weld joint quality assessment: _____, and approved NDT plan and welding tables, drawings, NDT reports, operator qualifications for VT, (PT, MT if required)	not required	<p>Identify workstation where NDT is carried out; identification of production workshop performing welding and area of NDT on board the ship (for example, structure, side, framing), including panel line butt welds, castings into hull structure</p> <p>verify that NDT is carried out in accordance with approved plans, where applicable</p> <p>verify suitability of NDT methods</p> <p>verify that operators suitably qualified particularly where sub-contractors have been employed</p> <p>verify that NDT is carried out according to the acceptable process and quality level complies with the RS rules and/or recognized standards</p> <p>review NDT records</p>	shipyard specifies production workshop and area of NDT in NDT reports
1.5	welding — embedded discontinuities	NDT is to be carried out by qualified operators capable of ensuring that welds are substantially free from significant indications	radiography and ultrasonic testing, review of documents and patrol of operator, examination of films	IACS UR W33, IACS Rec. No. 47, Chapters 3.2 and 3.3, Section 3, Part XIV of the RS Rules/C; IACS UR W33	=	Section 3, Part XIV of the RS Rules/C, shipbuilder's and agreed standards containing criteria for weld joint quality assessment: _____, and Rules, as applicable, and approved NDT plan and welding tables, NDT reports, operator qualifications for RT, UT	not required	<p>identify of workstations where NDT is carried out; e.g. identification of production workshop performing welding and area of NDT on board the ship (for example, structure, side, framing), including panel line butt welds, castings into hull structure</p> <p>verify NDT carried out in accordance with approved plans, where applicable</p> <p>verify suitability of NDT methods</p>	shipyard specifies production workshop and area of NDT in NDT reports

No. Item	Shipbuilding function	Survey Requirements for Classification	Survey Method required for Classification	Reference*	Statutory requirements and relevant reference	Documentation available to RS surveyor during construction	Documentation for ship construction file	Specific activities	RS proposals for the project
								verify that operators are suitably qualified particularly where subcontractors have been employed	
								verify that records have been completed and are in accordance with recognized standards, e.g. IQI and sensitivity recorded	
								verify that reports and radiographs have been evaluated correctly by the shipbuilder. Systematic review of radiographs carried out by the surveyor	
								verify equipment calibration satisfactory and in accordance with (firm) manufacturer's and agreed standards requirements	
								verify NDT is carried out according to the acceptable process (according to agreed standards)	

2.7 SURVEY PLANNING

Para 2.7.4 is amended as follows:

"2.7.4 Shipbuilding quality standards for the hull structure during new construction shall be reviewed and agreed during the kick-off meeting. Structural fabrication shall may be carried out in accordance with IACS Recommendation No. 47 "Shipbuilding and Repair Quality Standard" (refer to Appendix 1 to the Section), taking into account 1.1.4 and in case, when the scope given in 1.1 of Appendix 1 covers this type of ship, or another recognized fabrication standard (RFS) which has been agreed with RS prior to the commencement of fabrication. The work shall be carried out in accordance with the RS rules and under technical supervision of the Register.

The Register may accept a RFS as an alternative to IACS Recommendation No. 47, provided the requirements of 2.7.4.1 or 2.7.4.2 are met, as applicable."

2.12 ADDITIONAL EXPLANATIONS AND COMMENTS TO SOME ITEMS OF TABLE 2.5.1 (IN BRACKETS)

Para 2.12.6.2 is deleted.

10 ELECTRICAL EQUIPMENT

APPENDIX 1

RECOMMENDATIONS ON INSPECTION OF ELECTRICAL EQUIPMENT DURING THE SHIP CONSTRUCTION

New para 10.2.5 is introduced reading as follows:

"10.2.5 When inserting cables in the electrical equipment, it shall be checked that the cut of external sheath of the cable being inserted is inside the device."