



RULES CHANGE NOTICE No.1

October 2022

Part 1 Seagoing Ships

Volume XI

RULES FOR APPROVAL OF MANUFACTURERS AND SERVICE SUPPLIERS

Consolidated Edition 2022

Biro Klasifikasi Indonesia

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Foreword

This Rules Change Notices (RCN) No. 1 provide amendment and corrigenda to the [Rules for Approval of Manufacturers and Service Suppliers 2022 Consolidated Edition](#) along with effective date from which these changes are applicable.

Amendments to the preceding edition are marked by strikethrough, red color, and expanded text. These new additions and amendments are to be read in conjunction with the requirements given in the 2022 consolidated edition of the Rules.

The summary of current amendments for each section including the implementation date are indicated in ***Table 1 - Amendments Incorporates in This Notice***.

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Any quires or comments concerning these Rules are welcomed through communication with BKI Head Office.

Rules Changes Notice No. 1 – October 2022

Table 1 – Amendments Incorporates in This Notice

These amendments are effective from 1st January 2020

Paragraph	Title/Subject	Status/Remark
Section 3 – Requirements for approval of service suppliers		
A	General	
A.1.1.1.7)	-	To replace the term for firm engaged in lifeboats & rescue boats maintenance according to IACS UR Z17 4.1.1
A.5.2.1.1 4)	-	To replace the term “authorization” with “certification”
A.5.2.1.1 9)	-	Deleted
A.5.2.1.1 10) - 17)		Renumbering
K.	Firms engaged in maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances, and release gear	
K.1	Extent of engagement	To replace the scope of firm engaged in according to IACS UR Z17
K.2	Extent of Approval	To change approval requirements in harmonization with IACS UR Z17
K.3	Work procedure	To add rescue boats and fast rescue boat as part of this requirements according to IACS UR Z17
K.4	Certification of Personnel	To replace the requirements for personnel who conducting this subject according to IACS UR Z17
K.5	Reference Documents	To add document list for references according to IACS UR Z17
K.6	Equipment and facilities	Renumbering and repair some writings according to IACS UR Z17
K.7	Reporting	Renumbering and update requirements according to IACS UR Z17
K.8	Demonstration	Renumbering and repair some writings according to IACS UR Z17

Section 3 Requirements for Approval of Service Suppliers

A. General

1. Application

1.1 This Section applies to the approval of the following categories of service suppliers listed as follows:

(IACS UR Z17 4.1)

1.1.1 Statutory services:

- 1) Firms engaged in servicing inflatable liferafts, inflatable lifejackets, hydrostatic release units, inflatable rescue boats, marine evacuation systems
- 2) Firms engaged in servicing and testing of radio communication equipment on ships
- 3) Firms engaged in inspections and maintenance of self-contained breathing apparatus
- 4) Firms engaged in annual performance testing of Voyage Data Recorders (VDR) and simplified Voyage Data Recorders (S-VDR)
- 5) Firms engaged in sound pressure level measurements of public address and general alarm systems on board ships
- 6) Firms engaged in inspections of low location lighting systems using photo luminescent materials and evacuation guidance systems used as an alternative to low-location lighting systems
- 7) Firms engaged in ~~the servicing and maintenance~~, **thorough examination, operational testing, overhaul and repair** of lifeboats **and rescue boats**, launching appliances, ~~on-load release gear and davit-launched liferaft automatic release hooks and~~ **release gear**.
- 8) Firms engaged in inspection, performance testing and maintenance of Automatic Identification Systems (AIS)
- 9) Firms engaged in Commissioning Testing of Ballast Water Management System (BWMS)

(IACS UR Z17 4.1.1)

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5. Procedure for Approval and Certification

5.2 Initial assesment

In initial assessment, a service supplier to be assessed by BKI, based upon the results of document examination and field examination as specified for in the following:

5.2.1 Document examination

.1 Service suppliers intended to be approved under these Rules are to submit ~~three copies each of~~ the following documents **in form of soft copy (electronic version)** to BKI for the document examination. ~~The documents may also be submitted in electronic version (soft copy).~~

- 1) Outline of the firms intended to be approved (e.g. location, history, organisation and management structure, including subsidiaries to be included in the approval/certification, number of employees, main services and their actual records, etc.)
- 2) List of nominated agents, subsidiaries and subcontractors
- 3) Experience of the company in the specific service area

- 4) For categories of Service Suppliers that require ~~authorization~~ **certification** from manufacturers, ~~the~~ manufacturer's documentary evidence that the Service Supplier has been ~~authorized~~ **certified** or licensed to service the particular makes and models of equipment for which approval is sought shall be provided.
- 5) List of operators/technicians/inspectors documenting name, training and experience within the relevant service area, qualifications according to recognised national, international or industry standards, as relevant,
- 6) Training programmes for operators/technicians/inspectors
- 7) Description of equipment used for the particular service for which approval is sought (measuring equipment, outline of workshops and facilities for storing materials and parts, a list of orders to the subcontractors, etc.)
- 8) A guide for operators of such equipment
- ~~9) Outline (including description of service conditions or service regions) of the relevant service~~
- ~~9) 10) Quality manual and its supplementary documents, or documented procedures (work procedures, verification procedures, recording and reporting procedures, training procedures, control procedures of measuring equipment, etc.)~~
- ~~10) 11) Documented procedures for communication with the crew prior to commencing work, so that it is safe to decommission the equipment being maintained, and to provide a safe system of work in place.~~
- ~~11) 12) Checklists of the relevant services and reporting formats to BKI~~
- ~~12) 13) Copies of approval certificates issued by competent organizations or other classification societies, if any.~~
- ~~13) 14) Information on the other activities which may present a conflict of interest.~~
- ~~14) 15) Record of customer claims and of corrective actions requested by certification bodies~~
- ~~15) 16) Operator's/technician's/inspector's documentation that they have acknowledged the code of conduct~~
- ~~16) 17) Other documents deemed necessary by the BKI.~~

(IACS UR Z17 5.1.1)

.2 In the document examination, the documents submitted under the requirement in .1 above are reviewed to confirm that the documented quality system is in conformity with the Rules.

5.2.2 Field audit

.1 Upon reviewing the submitted documents with satisfactory result, the supplier is audited in order to ascertain that the supplier is duly organised and managed in accordance with the submitted documents, and that it is considered capable of conducting the services for which approval/certification is sought.

(IACS UR Z17 5.3)

.2 Demonstrations of the service performances intended to be approved are to be carried out with satisfactory results. In case where the supplier has been approved by other classification societies, a part of or the whole of the demonstration may be dispensed with.

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K. Firms engaged in the servicing and maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances, on-load release gear and davit-launched liferaft automatic release hooks and release gear

1. Extent of engagement

~~Servicing and maintenance of lifeboats, launching appliances, on-load release gear and davit-launched liferaft automatic release hooks.~~

Maintenance, thorough examination, operational testing, overhaul and repair of:

- 1) lifeboats (including free-fall lifeboats), rescue boats and fast rescue boats; and
- 2) launching appliances and on-load and off-load release gear for lifeboats (including primary and secondary means of launching appliances for free-fall lifeboats), rescue boats, fast rescue boats and davit-launched liferafts.

(IACS URZ17 13.1)

2. Extent of Approval

2.1 The contents of this procedure apply equally to manufacturers **or ship's operator** when they are acting as Service Suppliers.

(IACS URZ17 13.2.1)

2.2 Any Service Supplier engaged in ~~the thorough examination, operational testing, repair and overhaul of lifeboats, launching appliances, on-load release gear and davit-launched liferaft automatic release hooks~~ **maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear** carried out in accordance with SOLAS regulation III/20 ~~should~~ **shall** be ~~qualified~~ **approved for** in these operations for each make and type of equipment for which they provide the service, ~~and provide manufacturers documentary evidence that they have been so authorized or they are certified in accordance with an established system for training and authorization in accordance with IMO Resolution MSC.402(96)/Corr.1 (annex, section 7) MSC.1/Circ.1277, as amended.~~

Such approval shall include, as a minimum:

- employment and documentation of personnel certified in accordance with a recognized national, international or industry standard as applicable, or an equipment manufacturer's established certification program. In either case, the certification program shall be based on the **4.** for each make and type of equipment for which service is to be provided; and,
- compliance with provisions of paragraphs **5., 6., and 7.**

(IACS URZ17 13.2.2)

2.3 In cases where an equipment manufacturer is no longer in business or no longer provides technical support, Service Suppliers may be ~~authorised~~ **approved** for the equipment on the basis of prior ~~authorization~~ **approval** for the equipment and/or long-term experience and demonstrated expertise as an ~~authorized~~ **approved** service provider.

(IACS URZ17 13.2.3)

3. Work procedure

A documented work procedure required in A.2.8 is at least to contain information on items listed in the following 1) through 4).

- 1) Preparation and implementation of the service lifeboats, **rescue boats, fast rescue boats**, launching appliances and ~~on-load~~ release gear.
- 2) Records of condition of defects found during services.
- 3) Reporting the results of the services and the verification by BKI Surveyor.
- 4) Issue of service record certificates.

4. ~~Operators and Supervisors~~ **Certification of Personnel**

~~Service Suppliers should be trained and qualified in the operations for which they are authorised, for each make and type of equipment for which they provide the service.~~

4.1 Training Personnel for the work specified in 1. shall be certified by the manufacturer or the Service Supplier for each make and type of the equipment to be worked on. Approved Service Supplier is allowed to certify its own personnel (i.e. employed by the same service supplier) only.

(IACS URZ17 13.3.2)

~~4.1.1~~ **4.2** The education and training for initial certification of personnel are to be documented and address, as a minimum the following 1) to 6):

- 1) Causes of lifeboat **and rescue boat** accidents
- 2) The latest version of relevant rules and regulations, including International Conventions (SOLAS, as amended, LSA Code, ~~IMO MSC.1/Circ.1206/Rev.1~~ **and IMO Resolution MSC.402(96)/Corr.1** and ~~MSC.1/Circ.1277~~) as well as Flag Administration requirements (where required).
- 3) Design and construction of lifeboats (**including free-fall lifeboats**), **rescue boats and fast rescue boats**, including on load release gear and launching appliances
- 4) Education and practical training in the procedures specified in **section 6 of the Annex 1 of to IMO Resolution MSC.402(96)/Corr.1** ~~MSC.1/Circ.1206/Rev.1~~ for which certification is sought
- 5) Detailed procedures for thorough examination, operational testing, repair and overhaul of lifeboats (**including free-fall lifeboats**), **rescue boats and fast rescue boats**, launching appliances and on load release gear, as applicable; ~~and~~
- 6) Procedures for issuing a report of service and statement of fitness for purpose based on **IMO Resolution MSC.402(96)/Corr.1** ~~MSC.1/Circ.1206/Rev.1~~ (annex 1, paragraph 15 ~~5.3~~); **and**
- 7) **Work, health and safety issues while conducting activities on board.**

(IACS URZ17 13.3.2)

~~4.1.2~~ A documented training procedures required in ~~A.2.2~~ are to contain the procedures to learn the knowledge specified in ~~4.1.1~~ and information on the item listed below:

- ~~1) IMO MSC.1/Circ.1206/Rev.1, as amended, Measures to Prevent Accidents with Lifeboats~~
- ~~2) IMO MSC.1/Circ.1277, as amended, Interim Recommendation on Conditions for Authorization of Service Providers for Lifeboats, Launching Appliances and On-Load Release Gear~~
- ~~3) IMO Resolution A.689(17), recommendation on testing of life-saving appliances and, for life-saving appliances installed on board on or after 1 July 1999, Resolution MSC.81(70), revised recommendation on testing of life-saving appliances~~

- ~~4) For servicing and repair work involving disassembly or adjustment of on-load release mechanisms, availability of the equipment manufacturer's specifications and instructions~~
- ~~5) Type Approval certificate showing any conditions that may be appropriate during the servicing and/or maintenance of lifeboats, launching appliances and on-load release gear~~

~~4.1.3~~ **4.3** The education and training for the personnel ~~should~~ **shall** include practical technical training on **thorough examination, operational testing, maintenance, repair and overhaul techniques** ~~actual inspection and maintenance using the equipment (lifeboats, launching appliances and/or on-load release gear) for which the personnel are to be certified. The technical training should~~ **shall** include disassembly, reassembly, correct operation and adjustment of the equipment. Classroom training ~~should~~ **shall** be supplemented by field experience in the operations for which certification is sought, under the supervision of ~~an experienced senior~~ **a** certified person.

(IACS URZ17 13.3.3)

~~4.2~~ **Qualification**

~~4.2.1~~ Personnel are to be certified in accordance with a recognized national, international or industry standard as applicable, or an equipment manufacturer's established certification program. In either case, the certification program should be based on the guidelines in the appendix for each make and type of equipment for which service is to be provided.

~~4.2.2~~ At the time of initial certification and at each renewal of certification, the service supplier shall provide documentation to verify personnel's satisfactory completion of a competency assessment using the equipment for which the personnel are certified.

~~4.2.3~~ The Service Supplier shall require refresher training as appropriate to renew the certification.

4.4 Prior to issuance of personnel certification, a competency assessment shall be satisfactorily completed, using the equipment for which the personnel are to be certified.

(IACS URZ17 13.3.4)

4.5 Upon completion of training and competency assessment, a certificate shall be issued defining the level of qualification and the scope of the certification (i.e. makes and types of equipment and specifically state which activities (annual thorough examination and operational tests; 5-year thorough examination, overhaul; overload operational tests; repairs) are covered by the certification). The expiry date shall clearly be written on the certificate and shall be three years from the date of issue. The validity of any certificate shall be suspended in the event of any shortfall in performance and only revalidated after a further competency assessment.

(IACS URZ17 13.3.5)

4.6 A competency assessment shall be conducted to renew the certification. In cases where refresher training is found necessary a further assessment shall be carried out after completion.

(IACS URZ17 13.3.6)

5. Reference Documents

The Service Supplier is to have access to the following documents:

- IMO - Resolution MSC.402(96)/Corr.1, Requirements for Maintenance, Thorough Examination, Operational Testing, Overhaul and Repair of Lifeboats and Rescue Boats, Launching Appliances and Release Gear

- IMO - Resolution A.689(17), recommendation on testing of life-saving appliances and, for life-saving appliances installed on board on or after 1 July 1999
- IMO - Resolution MSC.81(70), as amended, revised recommendation on testing of life- saving appliances
- Manufacturer's instructions (including updates, amendments and safety notices) for repair work involving disassembly or adjustment of on-load release mechanisms and davit winches
- Type Approval certificate showing any conditions that may be appropriate during the servicing and/or maintenance of lifeboats, launching appliances and on-load release gear

(IACS URZ17 13.4)

56. Equipment and facilities

The Service Supplier is to have access to the following:

- Sufficient tools, and in particular any specialized tools specified in the equipment manufacturer's instructions, including portable tools as needed for work to be carried out on board ship
- Access to sufficient materials, spare appropriate parts and accessories as specified by the equipment manufacturer for maintenance and repair repairing lifeboats, launching appliances and on-load release gear, as applicable
- For servicing and repair work involving disassembly or adjustment of on-load release mechanisms, availability of genuine replacement parts as specified or supplied by the equipment manufacturer.

(IACS URZ17 13.5)

67. Reporting

The report should shall conform to the requirements of IMO Resolution MSC.402(96)/Corr.1 MSC.1/Circ.1206/Rev.1 (annex 1, paragraph 15.3). When repairs, thorough examinations and annual servicing are completed, a statement confirming that the lifeboat arrangements remain fit for purpose should be promptly issued by the Service Supplier that conducted the work. A copy of valid documents of certification and authorization as appropriate shall be included with the statement.

(IACS URZ17 13.6)

78. Demonstration

78.1 On board demonstration is to be carried out in the presence of BKI Surveyor to verify that the suppliers have appropriate competence for the services of lifeboats, rescue boats, fast rescue boats, launching appliances, and on-load or release gear. However, as for the lifeboats, rescue boats, fast rescue boats, launching appliances and on-load release gear, which are difficult to carry out the demonstration, the submission of the service record certificates may be accepted as a substitution.

78.2 In case where the supplier has been approved by other classification societies, a part of or the whole of the demonstration may be dispensed with.

78.3 For renewal assessment, the demonstration may be dispensed with if the service supplier can provide the service record certificates issued in the last six (6) months before the expired date of the certificate.

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