

(Draft)

# Amended Guidance for Approval of Service Suppliers

(External Opinion Inquiry)

Sep. 2019



## - Main Amendments -

(1) Effective date : 1 Jan. 2020 (Date of which the application for survey is submitted)

● Reflected IACS UR Z17(Rev.14 Mar 2019)

**(1) Effective date : 1 Jan. 2020**

(Date of which application for survey is submitted)

| Present  | Amendments   | Reason  |
|--|--|---|
| <p align="center"><b>Appendix Part A – Approval of Service Suppliers listed in IACS Z17</b></p> <p>1.~ 4. &lt;omitted&gt;</p> <p><b>5. Firms engaged in servicing life saving appliances</b></p> <p>5.1 Firms engaged in servicing inflatable liferafts, inflatable life-jackets, hydrostatic release units, inflatable rescue boats, marine evacuation systems(Z17 Annex 1-5)</p> <p>&lt;omitted&gt;</p> <p>5.2. <u>Firms engaged in the servicing and maintenance of lifeboats, launching appliances, on-load release gear and davit-launched liferaft automatic release hooks(Z17 Annex 1-13)</u></p> <p>5.2.1 Extent of engagement<br/><u>Servicing and maintenance of lifeboats, launching appliances , on-load release gear and davit-launched liferaft automatic release hooks.</u></p> | <p align="center"><b>Appendix Part A – Approval of Service Suppliers listed in IACS Z17</b></p> <p>1.~ 4. &lt;omitted&gt;</p> <p><b>5. Firms engaged in servicing life saving appliances</b></p> <p>5.1 Firms engaged in servicing inflatable liferafts, inflatable life-jackets, hydrostatic release units, inflatable rescue boats, marine evacuation systems(Z17 Annex 1-5)</p> <p>&lt;same as current Guidance&gt;</p> <p>5.2. <del>Firms engaged in the servicing and maintenance of lifeboats, launching appliances, on-load release gear and davit-launched liferaft automatic release hooks</del></p> <p><u>Firms engaged in maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear (Z17 Annex 1-13) (2020)</u></p> <p>5.2.1 Extent of engagement<br/><del>Servicing and maintenance of lifeboats, launching appliances, on-load release gear and davit-launched liferaft automatic release hooks:</del><br/><u>Maintenance, thorough examination, operational testing, overhaul and repair of:</u><br/><u>.1 lifeboats (including free-fall lifeboats), rescue boats and fast rescue boats; and</u><br/><u>.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.</u></p> | <p>- reflected the IACS UR Z17(Rev.14 Mar 2019)</p> <p>= the provisions of IMO resolutions MSC.402(96) and MSC.404(96) will enter into force on 01 January 2020, it is noted that UR Z17 Appendix Part A, Sec 5-2 is to be revised.</p> |

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| <p>5.2.2 Extent of Approval</p> <p>(1) The contents of this procedure apply equally to <u>manu-<br/>facturers</u> when they are acting as Service Suppliers.</p> <p>(2) Any Service Supplier engaged in <u>the thorough examina-<br/>tion, operational testing, repair and overhaul of lifeboats,<br/>launching appliances, on-load release gear and da-<br/>vit-launched liferaft automatic release hooks</u> carried out<br/>in accordance with SOLAS Reg. III/20 <u>should</u> be <u>quali-<br/>fied</u> in these operations for each make and type of<br/>equipment for which they provide the service, and <u>pro-<br/>vide manufacturers documentary evidence that they<br/>have been so authorized or they are certified in accord-<br/>ance with an established system for training and au-<br/>thorization</u> in accordance with MSC.1/Circ.1277, as<br/>amended.</p> <p>&lt;newly added&gt;</p> | <p>5.2.2 Extent of Approval</p> <p>(1) The contents of this procedure apply equally to manu-<br/>facturers <u>or ship's operator</u> when they are acting as<br/>Service Suppliers.</p> <p>(2) Any Service Supplier engaged in <del>the thorough examina-<br/>tion, operational testing, repair and overhaul of lifeboats,<br/>launching appliances, on-load release gear and da-<br/>vit-launched liferaft automatic release hooks</del> <u>main-<br/>tenance, thorough examination, operational testing,<br/>overhaul and repair of lifeboats and rescue boats,<br/>launching appliances and release gear</u> carried out in ac-<br/>cordance with SOLAS Reg. III/20 should <u>shall</u> be quali-<br/>fied in <u>approved for</u> these operations for each make<br/>and type of equipment for which they provide the serv-<br/>ice, <del>and provide manufacturers documentary evidence<br/>that they have been so authorized or they are certified<br/>in accordance with an established system for training<br/>and authorization in accordance with</del> <u>IMO Res.<br/>MSC.402(96)/Corr.1(annex, section7),MSC.1/Circ.1277,</u><br/>as amended.</p> <p>(3) Such approval shall include, as a minimum:<br/> <ul style="list-style-type: none"> <li>- <u>employment and documentation of personnel certified<br/>in accordance with a recognized national, international<br/>or industry standard as applicable, or an equipment<br/>manufacturer's established certification program. In ei-<br/>ther case, the certification program shall be based on<br/>the paragraph 5.2.3 for each make and type of equip-<br/>ment for which service is to be provided; and,</u></li> <li>- <u>compliance with provisions of paragraphs 5.2.4, 5.2.5<br/>and 5.2.6</u></li> </ul> </p> | <p>- the term of "make<br/>and type" is<br/>considered to be the<br/>same as the term<br/>"makes and models"<br/>contained in the para<br/>5.1.1 of main body of<br/>Z17</p> |

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| <p>(3) In cases where an equipment manufacturer is no longer in business or no longer provides technical support, Service Suppliers may be <u>authorized</u> for the equipment on the basis of prior <u>authorization</u> for the equipment and/or long term experience and demonstrated expertise as an <u>authorized</u> Service Supplier.</p> <p>5.2.3 <u>Qualifications and Training of Personnel</u><br/> <u>Service Suppliers should be trained and qualified in the operations for which they are authorized, for each make and type of equipment for which they provide the service. Such training and qualification should include, as a minimum:</u></p> <p>(1) <u>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 should be based on the guidelines in the appendix for each make and type of equipment for which service is to be provided.</u><br/> <u><a href="#">(newly added)</a></u></p> <p>(2) The education <u>and</u> training for initial certification of personnel should be documented and address, as a minimum:<br/> (A) Causes of <u>lifeboat</u> accidents<br/> (B) Relevant rules and regulations, including International Conventions<br/> (C) Design and construction of <u>lifeboats</u>, including <u>on-load</u> release gear and launching appliances</p> | <p>(4) In cases where an equipment manufacturer is no longer in business or no longer provides technical support, Service Suppliers may be authorized <u>approved</u> for the equipment on the basis of prior authorization <u>approval</u> for the equipment and/or long term experience and demonstrated expertise as an authorized <u>approved</u> Service Supplier.</p> <p>5.2.3 <u>Qualifications and Training <a href="#">Certification</a> of Personnel</u><br/> <u>Service Suppliers should be trained and qualified in the operations for which they are authorized, for each make and type of equipment for which they provide the service. Such training and qualification should include, as a minimum:</u></p> <p>(1) <u>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 should be based on the guidelines in the appendix for each make and type of equipment for which service is to be provided.</u><br/> <u><a href="#">Personnel for the work specified in 5.2.1 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.</a></u></p> <p>(2) The education <u>and</u> training for initial certification of personnel should be documented and address, as a minimum:<br/> (A) Causes of lifeboat <u>and rescue boat</u> accidents<br/> (B) Relevant rules and regulations, including International Conventions<br/> (C) Design and construction of <u>lifeboats (including free-fall lifeboats), rescue boats and fast rescue boats</u>, including <u>on-load on load</u> release gear and launching appliances</p> |        |

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| <p>(D) Education and practical training in the procedures specified in annex 1 of MSC.1/Circ. 1206/ Rev.1 for which certification is sought</p> <p>(E) Detailed procedures for thorough examination, operational testing, repair and overhaul of lifeboats, launching appliances and on-load release gear, as applicable; and</p> <p>(F) Procedures for issuing a report of service and statement of fitness for purpose based on MSC.1/Circ.1206/Rev.1(annex 1, paragraph 15) <u>&lt;newly added&gt;</u></p> <p>(3) The education and training for the personnel should include practical technical training on 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 include disassembly, reassembly, correct operation and adjustment of the equipment. Classroom training should be supplemented by field experience in the operations for which certification is sought, under the supervision of an experienced senior certified person.</p> <p>(4) 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.</p> | <p>(D) Education and practical training in the procedures specified in <u>section 6 of the annex 1 of to IMO Res. MSC.402(96)/Corr.1</u> MSC.1/Circ. 1206/ Rev.1 for which certification is sought</p> <p>(E) Detailed procedures for thorough examination, operational testing, repair and overhaul of lifeboats <u>(including free-fall lifeboats), rescue boats and fast rescue boats</u>, launching appliances and on-load on load release gear, as applicable; and</p> <p>(F) Procedures for issuing a report of service and statement of fitness for purpose based on <u>IMO Resolution MSC.402(96)/Corr.1</u> MSC.1/Circ. 1206/Rev.1(annex 1, paragraph 15.3); and</p> <p><u>(G) Work, health and safety issues while conducting activities on board.</u></p> <p>(3) The education and training for the personnel should shall include practical technical training on <u>thorough examination, operational testing, maintenance, repair and overhaul techniques</u> 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 certified person.</p> <p>(4) 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. <u>Prior to issuance of personnel certification, a competency assessment shall be satisfactorily completed, using the equipment for which the personnel are to be certified.</u></p> |        |

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| <p data-bbox="237 276 405 304">&lt;newly added&gt;</p> <p data-bbox="237 675 947 735">(5) <u>The Service Supplier shall require refresher training as appropriate to renew the certification.</u></p> <p data-bbox="197 890 521 919">5.2.4 Reference Documents</p> <p data-bbox="237 920 947 981">The Service Supplier is to have access to the following documents:</p> <p data-bbox="237 1013 947 1074">(1) <u>MSC.1/Circ.1206/Rev.1, as amended, Measures to Prevent Accidents with Lifeboats</u></p> <p data-bbox="237 1198 947 1318">(2) <u>MSC.1/Circ.1277, as amended, Interim Recommendation on Conditions for Authorization of Suppliers for Lifeboats, Launching Appliances and On-Load Release Gear</u></p> | <p data-bbox="1077 276 1787 643">(5) <u>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.</u></p> <p data-bbox="1077 675 1787 858">(6) <del>The Service Supplier shall require refresher training as appropriate to renew the certification.</del> <u>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.</u></p> <p data-bbox="1037 890 1447 919">5.2.4 Reference Documents <i>(2020)</i></p> <p data-bbox="1077 920 1787 981">The Service Supplier is to have access to the following documents:</p> <p data-bbox="1077 1013 1787 1197">(1) <del>MSC.1/Circ.1206/Rev.1, as amended, Measures to Prevent Accidents with Lifeboats</del> <u>IMO Res. 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</u></p> <p data-bbox="1077 1198 1787 1318">(2) <del>MSC.1/Circ.1277, as amended, Interim Recommendation on Conditions for Authorization of Suppliers for Lifeboats, Launching Appliances and On-Load Release Gear</del></p> |        |



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| <p>(3) <u>IMO Res.A.689(17), recommendation on testing of life-saving appliances and, for life-saving appliances installed on board on or after 1 July 1999, Res. MSC.81(70), revised recommendation on testing of life-saving appliances</u></p> <p>(4) <u>For servicing and repair work involving disassembly or adjustment of on-load release mechanisms, availability of the equipment manufacturer's specifications and instructions</u></p> <p>(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</p> <p>5.2.5 Equipment and Facilities<br/>The Service Supplier is to have <u>access</u> to the following:</p> <p>(1) 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</p> <p>(2) Access to sufficient materials, spare parts and accessories as specified by the equipment manufacturer for <u>repairing lifeboats, launching appliances and on-load release gear, as applicable</u></p> <p>(3) 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</p> | <p>(2) IMO Res.A.689(17), recommendation on testing of life-saving appliances and, for life-saving appliances installed on board on or after 1 July 1999,</p> <p>(3) <u>IMO Res. MSC.81(70), as amended</u> revised recommendation on testing of life-saving appliances</p> <p>(4) For servicing and repair work involving disassembly or adjustment of on-load release mechanisms, availability of the equipment manufacturer's specifications and instructions <u>Manufacturer's instructions (including updates, amendments and safety notices) for repair work involving disassembly or adjustment of on-load release mechanisms and davit winches.</u></p> <p>(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</p> <p>5.2.5 Equipment and Facilities <u>(2020)</u><br/>The Service Supplier is to have <del>access</del> to the following:</p> <p>(1) 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</p> <p>(2) Access to sufficient materials, spare <u>appropriate</u> parts and accessories as specified by the equipment manufacturer for <u>maintenance and repair</u> <del>repairing lifeboats, launching appliances and on-load release gear, as applicable</del></p> <p>(3) 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</p> |        |

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| <p>5.2.6 Reporting<br/>The report <u>should</u> conform to the requirements of <u>MSC.1/Circ.1206/Rev.1(annex 1, paragraph 15)</u>.<br/>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 <u>Service Supplier</u>.</p> <p>5.2.7 Other requirements<br/>(1) <u>Procedures and instructions</u><br/>The <u>Service Supplier shall have documented procedures and instructions for how to carry out service of equipment. The procedures should include requirements to record the nature and extent of damages to and defects found in equipment during servicing and repair work. This data shall be made available to the Society upon request.</u></p> <p>(2) <u>The Service Supplier shall provide evidence that it has been authorized or licensed to service the particular makes and models of equipment for which approval is sought by the equipment's manufacturer.</u></p> <p>(hereafter, omitted)</p> | <p>5.2.6 Reporting <u>(2020)</u><br/>The report should <u>shall</u> conform to the requirements of <u>IMO Res. MSC.402(96)/Corr.1</u> MSC.1/Circ. 1206/Rev.1 (annex 1, paragraph <del>15</del><u>5.3</u>).<br/>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 <u>that conducted the work. A copy of valid documents of certification and authorization as appropriate shall be included with the statement.</u></p> <p>5.2.7 Other requirements<br/>(1) <del>Procedures and instructions</del><br/><del>The Service Supplier shall have documented procedures and instructions for how to carry out service of equipment. The procedures should include requirements to record the nature and extent of damages to and defects found in equipment during servicing and repair work. This data shall be made available to the Society upon request.</del></p> <p>(2) <del>The Service Supplier shall provide evidence that it has been authorized or licensed to service the particular makes and models of equipment for which approval is sought by the equipment's manufacturer.</del></p> <p>(hereafter, same as the current Guidance)</p> | <p>They have been already mentioned on Instruction, 5. (1) (A) (d), (g) and (j) of Guidance for Approval of Service Suppliers</p> |