

# Approval of Service Suppliers

## Amended Rules and Guidance

Rules for the Approval of Manufacturers and Service Suppliers  
Rules for Safety Equipment  
Guidance for Ballast Water Management Installations

## Reason for Amendment

IACS Unified Requirement (UR) Z17 specifies requirements related to the approval of service suppliers, and these requirements have already been incorporated into the ClassNK Rules.

Although demonstration tests are required to be conducted as part of the approval process for service suppliers, some points regarding the treatment of service suppliers already approved by other classification societies are not clear.

In order to clarify this treatment, IACS amended UR Z17 to specify that demonstration tests for such service suppliers may be omitted in lieu of document reviews of previously conducted test results. In addition, IACS amended applicable requirements related to inflated rescue boats and updated the IMO documents referenced in the UR. These amendments were adopted by IACS as UR Z17(Rev.17).

Accordingly, relevant requirements are amended based on IACS UR Z17(Rev.17).

## Outline of Amendment

The main contents of this amendment are as follows:

- (1) Specifies that a document review of test results may be accepted in lieu of the demonstration tests required during approval assessments in the case of service suppliers already certified by other IACS members.
- (2) Amends relevant requirements to clarify that the requirements for maintenance, thorough examination, operation testing, overhaul, and repair of lifeboats, launching appliances, etc. also apply to firms engaged in the servicing of inflated rescue boats.
- (3) Renumbers IMO documents required to be held by service suppliers for reference.
- (4) Adds training requirements for operators conducting detailed ballast water analysis with regard to firms engaged in the commissioning testing of ballast water management systems.

“Rules for approval of manufacturers and service suppliers” has been partly amended as follows:

## Part 1 GENERAL

### Chapter 2 ASSESSMENT

#### 2.3 Initial Assessments

Sub-paragraph -3(3) has been amended as follows.

##### 3 Field examinations

When the documents submitted for the Society review specified in -2 above are deemed satisfactory, a field examination is to be carried out according to the following (1) to (3):

((1) and (2) are omitted.)

(3) Field examinations of service suppliers are to be as specified in the following (a) and (b):

- (a) The supplier is to be assessed in order to ascertain that they are duly organised and managed in accordance with the documents submitted ~~documents specified~~ in accordance with -2 above; and
- (b) ~~It is to be verified~~ Demonstration tests are to be carried out to verify that the supplier is capable of conducting the services for which approval or certification is sought. For the service supplier already certified by other QSCS certified societies, a document review of the results of demonstration tests that have already been conducted may be acceptable in lieu of actual tests.

#### 2.5 Renewal Assessments

Sub-paragraph -2 has been amended as follows.

2 In the renewal assessment, assessment is ~~made~~ to be carried out mutatis mutandis in accordance ~~mutatis mutandis~~ with the requirements for initial assessments specified in 2.3 above. The details of the renewal assessment, however, may be modified when deemed acceptable by the Society. ~~In the demonstration test~~ For service suppliers, evidence of performance since the previous approval or renewal assessment need to be verified by a Society surveyor ~~document reviews of the results of services undertaken since the previous approval or renewal assessment that have been recognised by a QSCS certified society may be acceptable in lieu of actual tests.~~

# Part 3 REQUIREMENTS FOR APPROVAL OF SERVICE SUPPLIERS

## Chapter 1 GENERAL

### 1.1 General

#### 1.1.3 Definition of Terms

Sub-paragraph -8 has been added as follows.

8 “Quality System Certification Scheme (QSCS)” means a certification scheme for management systems specified by IACS.

## Chapter 2 FIRMS ENGAGED IN THICKNESS MEASUREMENTS ON SHIPS OR MOBILE OFFSHORE UNITS

Section 2.5 has been deleted, and Section 2.6 has been renumbered to Section 2.5.

### ~~2.5 Demonstration Tests~~

#### ~~2.5.1 Demonstration Tests~~

~~Demonstration tests on actual ships are to be conducted to verify that the thickness measurements specified in the documents submitted to the Society can be carried out.~~

### 2.5 Reporting to the Society

#### 2.5.1 Verification

The supplier is to have the Surveyor verification of each separate job, documented in the report by the attending Surveyor signature.

#### 2.5.2 Reporting

The report shall be based on the guidelines accepted by the Society.

## **Chapter 3 FIRMS CARRYING OUT AN IN-WATER SURVEY ON SHIPS AND MOBILE OFFSHORE UNITS BY DIVER OR REMOTELY OPERATED VEHICLE**

Section 3.5 has been deleted, and Section 3.6 has been renumbered to Section 3.5.

### ~~3.5~~ ~~Demonstration Tests~~

#### ~~3.5.1~~ ~~Demonstration Tests~~

~~Demonstration tests on actual ships are to be conducted to verify that the in-water surveys specified in the documents submitted to the Society can be carried out.~~

### 3.65 Reporting to the Society

#### 3.65.1 Verification

The supplier is to have the Surveyor verification of each separate job, documented in the report by the attending Surveyor signature.

## **Chapter 4 FIRMS ENGAGED IN INSPECTION AND TESTING OF RADIO COMMUNICATION EQUIPMENT**

Section 4.5 has been deleted.

### ~~4.5~~ ~~Demonstration~~

#### ~~4.5.1~~ ~~Demonstration~~

~~An onboard demonstration is to be carried out to verify that the supplier provides the radio inspections specified in the documents submitted.~~

## **Chapter 5 FIRMS ENGAGED IN PERFORMANCE TESTING OF VDRS AND S-VDRS**

Section 5.5 has been deleted, and Sections 5.6 and 5.7 have been renumbered to Sections 5.5 and 5.6.

### ~~5.5~~ ~~Demonstration~~

#### ~~5.5.1~~ ~~Demonstration~~

~~On board demonstrations are to be carried out to verify that the supplier has appropriate competence for the performance testing specified in the documents submitted.~~

### **5.65 Reporting to the Society**

#### **5.65.1 Test Report**

(-1 to -3 are omitted.)

### **5.76 Issuance of Certificates**

#### **5.76.1 Issuance of Certificates to Shipowners/Operators**

Issue of the annual performance test certificate to the shipowner/operator within 45 *days* of completion of the annual performance test.

## Chapter 6 FIRMS ENGAGED IN INSPECTION AND MAINTENANCE OF FIRE FIGHTING EQUIPMENT AND SYSTEMS

### 6.2 Quality System

#### 6.2.3 Reference Documents

Sub-paragraph -1 has been amended as follows.

1 Reference documents by firms engaged in inspections and/or maintenance of fixed fire extinguishing systems, portable fire extinguishers and fire detection and alarm systems

Suppliers are to have access to the documents listed in the following (1) to (15):

- (1) Manufacturer's servicing manuals, servicing bulletins, instructions and training manuals, as appropriate;
- (2) Type Approval certificates showing any conditions that may be appropriate during the servicing and/or maintenance of fire-extinguishing equipment and systems;
- (3) *MSC.1/Circ.1318* (as amended);
- (4) *SOLAS* (as amended);
- (5) *International Code for Fire Safety Systems* (as amended);
- (6) *ISO 6406* (as amended);
- (7) Documentation specified in the authorization or license from the equipment manufacturer;
- (8) *MSC.1/Circ.670* (as amended);
- (9) *MSC.1/Circ.798* (as amended);
- ~~(10) *MSC.1/Circ.799* (as amended);~~
- ~~(11) *MSC.1/Circ.1312* (*MSC.1/Circ.1312/Corr.1* and as amended);~~
- ~~(12) *MSC.1/Circ.1432* (*MSC.1/Circ.1516* and as amended);~~
- ~~(13) *A.951(23)* (as amended);~~
- ~~(14) *MSC.1/Circ.1370* (as amended); and~~
- ~~(15) Guidelines adopted by *IMO* for fire extinguishing equipment and systems specifically intended for service by service suppliers;~~

Section 6.5 has been deleted.

### ~~6.5 Demonstration~~

#### ~~6.5.1 Demonstration~~

~~Demonstration is to be carried out to verify that the suppliers have appropriate competence for inspection and maintenance of fire fighting equipment and systems or breathing apparatuses.~~

## Chapter 7 FIRMS ENGAGED IN SERVICING LIFE-SAVING APPLIANCES

### 7.1 General

Paragraph 7.1.1 has been amended as follows.

#### 7.1.1 Application

This chapter applies to firms engaged in the servicing of the life-saving appliances listed below:

- (1) Inflatable liferafts~~;~~
- (2) Inflatable lifejackets~~;~~
- (3) Hydrostatic release units~~;~~
- ~~(4) Inflated rescue boats; and~~
- ~~(5) Marine evacuation systems~~

### 7.2 Quality System

Paragraph 7.2.3 has been amended as follows.

#### 7.2.3 Reference Documents

The supplier is to have access to the documents listed in the following (1) to (6):

- (1) A.761(18) (as amended by MSC.55(66), etc.)~~;~~
- (2) MSC.55(66) (as amended)~~;~~
- (3) MSC.1/Circ.1328 (as amended)~~;~~
- (4) Manufacturer's servicing manuals, servicing bulletins, instructions and training manuals, as appropriate~~;~~
- (5) Type Approval certificates, showing any conditions that may be appropriate during the servicing and/or maintenance of inflatable liferafts, ~~inflatable rescue boats,~~ inflatable lifejackets, and hydrostatic release units~~;~~~~and~~
- (6) Chapter IV of the LSA Code (as amended) and SOLAS Conference Resolution 4 (1995) regarding marine evacuation systems~~;~~

Section 7.5 has been deleted.

### ~~7.5 Demonstration~~

#### ~~7.5.1 Demonstration~~

~~Demonstration is to be carried out to verify that the supplier has appropriate competence for the servicing of life-saving appliances.~~

## **Chapter 8 FIRMS ENGAGED IN TIGHTNESS TESTING OF CLOSING APPLIANCES SUCH AS HATCHES, DOORS ETC. WITH ULTRASONIC EQUIPMENT**

Section 8.5 has been deleted.

### ~~8.5~~ ~~Demonstration Tests~~

#### ~~8.5.1~~ ~~Demonstration Tests~~

~~Demonstration tests on actual ships are to be conducted to verify that suppliers have the appropriate competence to carry out the ultrasonic tightness testing of hatches, doors, etc. specified in the documents submitted to the Society.~~

## **Chapter 9 FIRMS ENGAGED IN TESTING OF COATING SYSTEMS**

Section 9.6 has been deleted.

### ~~9.6~~ ~~Demonstration~~

#### ~~9.6.1~~ ~~Demonstration~~

~~Demonstrations are to be carried out to verify that suppliers have appropriate competence for the services of testing of coating systems.~~

## **Chapter 10 FIRMS ENGAGED IN MAINTENANCE, THOROUGH EXAMINATION, OPERATIONAL TESTING, OVERHAUL AND REPAIR OF LIFEBOATS, RESCUE BOATS, FAST RESCUE BOATS, LAUNCHING APPLIANCES, AND RELEASE GEAR**

### **10.1 General**

Paragraph 10.1.1 has been amended as follows.

#### **10.1.1 Application**

This chapter applies to firms engaged in the maintenance, thorough examination, operational testing, overhaul and repair of the life-saving appliances listed below:

- (1) Lifeboats (including free-fall lifeboats), and all rescue boats (including inflated rescue boats and fast rescue boats)
- (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.

#### **10.1.2 Approval**

Sub-paragraph -2 has been amended as follows.

**2** Any supplier engaged in maintenance, thorough examination, operational testing, repair and overhaul of lifeboats, rescue boats, ~~fast rescue boats~~, launching appliances and release gear carried out in accordance with *SOLAS* regulation III/20 (as amended) are to be approved for these operations for each make and type of equipment for which they provide the service in accordance with *MSC.402(96)* (as amended).

Such approval is to include, as a minimum, the following:

((1) and (2) are omitted.)

### **10.2 Quality System**

Paragraph 10.2.1 has been amended as follows.

#### **10.2.1 Work Procedures**

The supplier is to have documented work procedures, as required by **1.2.4**, containing information for at least the following **(1)** to **(4)**:

- (1) Information related to preparing and implementing the service of lifeboats, rescue boats, ~~fast rescue boats~~, launching appliances, and release gear;
- (2) Information related to recording the conditions of defects found during servicing;
- (3) Information related to reporting the results of servicing to Society surveyors and receiving surveyor verification of said results ~~and~~
- (4) Information related to issuing service record certificates and statement.

Section 10.4 has been deleted, and Sections 10.5 and 10.6 have been renumbered to Sections 10.4 and 10.5.

#### ~~10.4~~ ~~Demonstration~~

##### ~~10.4.1~~ ~~Demonstration~~

~~Demonstrations on board are to be carried out to verify that the suppliers have appropriate competence for the servicing of lifeboats, rescue boats, fast rescue boats, launching appliances or release gear.~~

#### **10.54** **Equipment and Facilities for Service**

##### **10.54.1** **Equipment and Facilities for Service**

For the purpose of servicing ~~for~~ life-saving appliances, the supplier is to have access to the following equipment and facilities:

((1) to (3) are omitted.)

#### **10.65** **Reporting**

##### **10.65.1** **Reporting**

The report is to conform to the requirements in paragraph 5.3 of *MSC.402(96)* (as amended). When thorough examinations, operational testing, annual servicing, overhaul and repair are completed, a statement confirming that the lifeboat arrangements remain fit for purpose is to be promptly issued by the manufacturer or authorized service supplier which carried out them. A copy of valid documents of the personnel certification and the supplier authorization as appropriate are to be included with the statement.

## **Chapter 16 FIRMS ENGAGED IN SURVEY USING REMOTE INSPECTION TECHNIQUES AS AN ALTERNATIVE MEANS FOR CLOSE-UP SURVEY OF THE STRUCTURE OF SHIPS AND MOBILE OFFSHORE UNITS**

Section 16.5 has been deleted, and Section 16.6 has been renumbered to Section 16.5.

### ~~16.5~~ ~~Demonstration Tests~~

#### ~~16.5.1~~ ~~Demonstration Tests~~

~~Demonstration tests on actual ships are to be conducted to verify that the close up surveys using remote inspection techniques as an alternative means for close up survey specified in the documents submitted to the Society can be carried out.~~

### **16.65 Reporting to the Society**

#### **16.65.1 Verification**

The supplier is to have the Surveyor verification of each separate job, documented in the report by the attending Surveyor signature.

## Chapter 18 FIRMS ENGAGED IN COMMISSIONING TESTING OF BALLAST WATER MANAGEMENT SYSTEM (BWMS)

### 18.1 General

#### 18.1.2 General Qualifications for Service Suppliers

Sub-paragraph -2 has been amended as follows.

2 Service suppliers (including the laboratories conducting sample enumeration) are to be ~~accredited~~ certified to relevant standards such as *ISO/IEC 17025* (as amended) or the equivalent, as applicable.

### 18.2 Quality Systems

Paragraph 18.2.3 has been amended as follows.

#### 18.2.3 Reference Documents

Service suppliers are to have access to the documents listed in the following (1) to (8), as may be amended.

- (1) *Res. MEPC.300(72)*
- (2) *Res. MEPC.173(58)*
- (3) *BWM.2/Circ.42/Rev.2*
- (4) *BWM.2/Circ.70/Rev.1*
- (5) *BWM.2/Circ.61*
- (6) *BWM.2/Circ.69*
- ~~(7) *Res. MEPC.279(70)*~~
- ~~(8) *Res. A.1120(30)*~~ 1156(32) (as amended)

### 18.3 Operators

#### 18.3.1 Training and Qualifications

Sub-paragraph -2 has been amended as follows.

2 In addition to -1 above, ~~the~~ operators who perform the analysis of ballast water as specified in **18.1.1(1)** are to satisfy the following (1) to (4):

- (1) (Omitted)
- (2) be trained in the proper use of detailed analysis methods and equipment in case the service supplier offers detailed analysis (review of training records and/or interviews may be conducted to confirm the proper use of equipment during the testing);
- ~~(3)~~ (Omitted)
- ~~(4)~~ (Omitted)
- ~~(5)~~ (Omitted)

“Rules for safety equipment” has been partly amended as follows:

## **Chapter 2 SURVEYS OF SAFETY EQUIPMENT**

### **2.1 General**

Paragraph 2.1.7 has been amended as follows

#### **2.1.7 Firms Engaged In Inspecting, Testing, Maintaining and Servicing, etc.**

Unless otherwise specified, the following (1) to (4) are to apply:

((1) and (2) are omitted.)

- (3) Third parties engaged in the servicing of inflatable liferafts, inflatable lifejackets, hydrostatic release units, ~~inflatable rescue boats~~ or marine evacuation systems, if used, are to be any of the following: firms complying with **Chapter 7, Part 3 of the Rules for Approval of Manufacturers and Service Suppliers** and approved by the Society; firms approved by the Administration; firms approved by duly authorized organizations acting on behalf of the Administration; or firms approved by other organizations which are acceptable to the Administration.
- (4) (Omitted)

“Guidance for ballast water management installation” has been partly amended as follows:

**Annex 2.1.3-2(10) “Guidance Procedure for Commissioning Testing”**

**1.1 Equipment**

**1.1.1 General**

Sub-paragraph -4 has been amended as follows.

**4** In case the commissioning test requires the operators to work in hazardous areas (e.g., pump room for tankers, etc.), the service suppliers are ~~either~~ to have the equipment certified for use in such spaces ~~or to provide the surveyor with a list of vessels for which they would not be able to conduct testing.~~