



**DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA**  
**MERCHANT SHIPPING SECRETARIAT**  
**MINISTRY OF PORTS AND SHIPPING**

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## **Mandatory Minimum Requirements for the Issue of Certificates of Proficiency in Survival Craft, Rescue Boats and Fast Rescue Boats**

Effective Date 1st August 2017

### **Introduction**

1. Every candidate for a certificate of proficiency in survival craft and rescue boats other than fast rescue boats shall have approved seagoing service of not less than 12 months or have attended an approved training course and have approved seagoing service of not less than six months; and meet the standard of competence for certificates of proficiency in survival craft and rescue boats set out in section A-VI/2 paragraphs 1 to 4 of the STCW Code.
2. Every candidate for a certificate of proficiency in fast rescue boats shall holder of a certificate of proficiency in survival craft and rescue boats other than fast rescue boats , have attended an approved training course and meet the standard of competence for certificates of proficiency in fast rescue Boats set out in section A-VI/2 paragraphs 7 to 10 of the STCW Code.

All training institutes should adhere to applicable regulations and required to make assessments of any potential risks to the health and safety of staff and trainees that may be associated with their activities. They are also required to identify, implement, monitor and review effective measures for minimizing and controlling them. In addition, institutes will be required to make effective arrangements for dealing with any emergency, incident or accident that may occur during the course of training.

### **PROFICIENCY IN SURVIVAL CRAFT AND RESCUE BOATS OTHER THAN FAST RESCUE BOATS**

#### **Standard of competence**

1. Every candidate for a certificate of proficiency in survival craft and rescue boats other than fast rescue boats shall be required to demonstrate competence to undertake the tasks, duties and responsibilities listed in column 1 of table A-VI/2-1.
2. The level of knowledge of the subjects listed in column 2 of table A-VI/2-1 shall be sufficient to enable the candidate to launch and take charge of a survival craft or rescue boat in emergency situations.
- 3 Training and experience to achieve the necessary level of theoretical knowledge, understanding and proficiency shall take account of the guidance given in part B of this Code.
- 4 Every candidate for certification shall be required to provide evidence of having achieved the required standard of competence through the demonstration of competence to undertake the tasks, duties and responsibilities listed in column 1 of table A-VI/2-1, in accordance with the methods for demonstrating

competence and the criteria for evaluating competence tabulated in columns 3 and 4 of that table; and examination or continuous assessment as part of an approved training programme covering the material set out in column 2 of table A-VI/2-1.

- 5 Seafarers qualified in accordance with paragraph 4 in survival craft and rescue boats other than fast rescue boats shall be required, every five years, to provide evidence of having maintained the required standards of competence to undertake the tasks, duties and responsibilities listed in column 1 of table A- VI/2-1.
- 6 Parties may accept onboard training and experience for maintaining the required standard of competence of table A-VI/2-1 in the following areas to take charge of a survival craft or rescue boat during and after launch, interpret the markings on survival craft as to the number of persons they are intended to carry, give correct commands for launching and boarding survival craft, clearing the ship and handling and disembarking persons from survival craft, prepare and safely launch survival craft and clear the ship's side quickly and safely recover survival craft and rescue boats and manage survivors and survival craft after abandoning ship, row and steer a boat and steer by compass, use individual items of equipment of survival crafts, except for pyrotechnics; and rig devices to aid location, use locating devices, including communication and signaling apparatus, use of portable radio equipment for survival craft; and apply first aid to survivors.

## **PROFICIENCY IN FAST RESCUE BOATS**

### **Standard of competence**

7. Every candidate for a certificate of proficiency in fast rescue boats shall be required to demonstrate competence to undertake the tasks, duties and responsibilities listed in column 1 of table A-VI/2-2.
- 8 The level of knowledge of the subjects listed in column 2 of table A-VI/2-2 shall be sufficient to enable the candidate to launch and take charge of a fast rescue boat in emergency situations.
- 9 Training and experience to achieve the necessary level of theoretical knowledge, understanding and proficiency shall take account of the guidance given in part B of this Code.
- 10 Every candidate for certification shall be required to provide evidence of having achieved the required standard of competence through the demonstration of competence to undertake the tasks, duties and \ responsibilities listed in column 1 of table A-VI/2-2, in accordance with the methods for demonstrating competence and the criteria for evaluating competence tabulated in columns 3 and 4 of that table; and .2 examination or continuous assessment as part of an approved training programme covering the material set out in column 2 of table A-VI/2-2.
- 11 Seafarers qualified in accordance with paragraph 10 in fast rescue boats shall be required, **every five years**, to provide evidence of having maintained the required standards of competence to undertake the tasks, duties and responsibilities listed in column 1 of table A-VI/2-2.
- 12 Parties may accept onboard training and experience for maintaining the required standard of competence of table A-VI/2-2, in the following areas to take charge of a fast rescue boat during and after launch, control safe launching and recovery of a fast rescue boat, handle a fast rescue boat in prevailing weather and sea conditions, use communications and signaling equipment between the fast rescue boat and a helicopter and a ship, use the emergency equipment carried, and carry out search patterns, taking account of environmental factors.

### **Course approval and Conducting Procedure**

1. Entry criteria for the respective courses given in the code of practice.
2. Core syllabus will be given by the Director General of Merchant shipping (DGMS).
3. Detailed syllabus, lesson plan lecture notes and student hand out should be prepared according to the core syllabus by the requested institute.

4. Relevant table of the STCW code should be complied and IMO model course to be used for your assistance (if available).
5. The teaching methods, required practical and way of transferring the appropriate knowledge to the students should be demonstrated by attending officer of the training institute at the time course approval.
6. Inspection will be carried out to check the college facilities and equipment's for the particular course.
7. Lectures, instructor's qualifications for particular course were published in the MSN notice.
8. The training institutes must get the individual course approval from Director General of Merchant Shipping and if there are any later changes (e.g. in facilities, equipment, staff) should notify to DGMS immediately if that affect the conduct of the training and/or assessment.
9. The Director General of Merchant shipping must be kept informed of the dates, timing and venue of training programmes so that the examiners can monitor the training at their convenience.
10. Certificates shall be issued only to those trainees who successfully complete the training programme and meet other requirements for the issue of the certificate.
11. Full records of all certificates issued to trainees must be up load to the website and records to be retained by the institute in such a way that authenticity or confirmation of issue of a certificate can be verified at a later stage if necessary.
12. 100% attendance is required for successful completion of the course and if anyone goes below should be notified.
13. Minimum time duration for each course given in the core syllabus.
14. Assessment to be carried out at the end of the course.

## **PROFICIENCY IN SURVIVAL CRAFT AND RESCUE BOATS OTHER THAN FAST RESCUE BOATS**

### **Finalized minimum requirement of equipment's and teaching aids**

#### Equipment's

- 01 number fully equipped life boat: enclose, Ship requirements to be fulfilled.
- Full set of equipments to be demonstrated in a classroom, equipments used for operational purpose to be available in the life boat.
- Number of ores to be determined with regards to the boat used.
- 01 number rescue boat to be available. -lowering and hoisting to be available. the minimum requirement should be as quoted from the LSA code

#### Life jackets

- 01 number for instructor, 01 number for each student  
- Visual inspections of the life jackets to be carried out before a wet drill by a Master/ Ch. Eng.  
Life jacket lights-to be demonstrated in a classroom  
Life jack whistle – in working condition during the wet drill.

#### Equipments

- 01 number fully equipped life boat: enclose, Ship requirements to be fulfilled.
- Full set of equipments to be demonstrated in a classroom, equipments used for operational purpose to be available in the life boat.
- Number of ores to be determined with regards to the boat used.
- 01 number rescue boat to be available. -lowering and hoisting to be available. the minimum requirement should be as quoted from the LSA code

## Life jackets

- 01 number for instructor, 01 number for each student
  - Visual inspections of the life jackets to be carried out before a wet drill by a Master/ Ch. Eng.
- Life jacket lights-to be demonstrated in a classroom
- Life jack whistle – in working condition during the wet drill.
- 02 numbers of inflatable life jackets-demonstration in classroom
- 01 number of inflatable life jackets- during the wet drill
- 01 number of a stretcher
- First aid kit-as per the life boat requirements, additional a neck color to be included, resuscitator to be available.
- 03 numbers of immersions suit which meets the requirements in a ship. -classroom demonstration only. Minimum only one student required to don the immersion suit for demonstration purpose in classroom
- 01 numbers of TPA
- 01 number of anti-exposure unit
- 01 number of 3 types of pyro techniques –in classroom display
- 01 number man over board buoy with light and smoke.
- 01 number of a SART- demonstration purpose only. including all the switches for demonstration purpose. Uses, locations and significances to be demonstrated by the help of videos and explanation.
- 01 number of a EPIRB-demonstration purpose only. Further explanations to be given using power point presentations.
- 01 number of a readable HRU unit- demonstration purpose only. Further explanations to be given using power point presentations.
- 01 number of a resuscitator- oxygen cylinders needs to carry valid certification.
- 01 number of a Line Throwing Apparatus -accepted if an old item is used. Demonstration purpose only. Further explanations to be given using videos.
- 01 number of helicopter harness- demonstration purpose only. Further explanations to be given using power point presentations and videos.
- Davit launch life craft- the quick release mechanism to be available during practical's. -colleges are given a time period to be ready with his equipment
- Videos
  - IMO model course may assist as a guideline for selecting of videos and quality/standard up to the Maritime administration standards.

## IMO references

- Latest STCW code
- SOLAS- amendments can be excluded.
- Latest IMO references listed in the IMO model course (R1 to all)- update the resolutions.
- Pocket guide
- LSA symbols poster

Teaching aids- A1 to all as per model course.

Maintenance manual to be downloaded and a specimen to be available

### Text books

Similar named textbooks listed in the IMO model course can be used.

## **PROFICIENCY IN FAST RESCUE BOATS**

### **Finalized minimum requirement of equipment's and teaching aids**

1. One approved fast rescue boat complying with chapter V of the LSA code
2. One set of davits to house the fast rescue boat, sited so as to allow launching into the water
3. One portable hoist unit suitable for recovery of the fast rescue boat
4. One approved survival craft boat/rescue boat/fast rescue boat with inboard motor engine and a set of oars with a set of launching davits to house the boat and positioned so as to allow launching into the water
5. One portable hoist unit suitable for recovery of boats
6. Sufficient dry suits and wet suits, lifejackets for all trainees, instructors for survival craft and fast rescue boats, thermal protective aids, anti-exposure suit
7. Three 2-way radiotelephones approved for use in the boats and by the shore rescue team
8. One helicopter rescue sling
9. One complete set of fast rescue boat's equipment
10. One complete set of equipment for boat listed in item 4 above
11. One stretcher of suitable type for use in exercises; and
12. Safety /first aid equipment comprising
  - Standby rescue boat
  - First aid kit
  - Stretcher
  - Resuscitation kit with oxygen/suction unit

### Videos

1. Cold water casualty
2. Man Overboard
3. Search and Rescue Co-ordination
4. Helicopter Assistance at sea
5. Personal survival at sea series Part 1: Muster list, Drills & Helicopter operation

### IMO References

1. The International convention on standards of training, certification and watchkeeping for seafarers, 1978 as amended
2. International Convention for the safety of life at sea, 1974 as amended
3. IMO lifesaving appliances code
4. International aeronautical and maritime search and rescue manual
5. Assembly resolutions – Fast rescue boats, training requirements for crews of fast rescue boats

## Videos

1. Cold water casualty
2. Man overboard
3. Search and rescue co-ordination
4. Helicopter assistance at sea
5. Personal survival at sea series part 1: muster list, drills & helicopter operation