



Australian Government

**MARF043 Operate survival craft, rescue
boats and lifesaving appliances (proficiency
in survival craft)**

Release: 1

MARF043 Operate survival craft, rescue boats and lifesaving appliances (proficiency in survival craft)

Modification History

Release 1. This is the first release of this unit of competency in the MAR Maritime Training Package.

Application

This unit involves the skills and knowledge required to comply with accepted safety practices and standards in responding to abandon ship and survival situations.

This unit applies to crew members required to assist in the operation of survival craft and rescue boats other than fast rescue boats on a range of vessels.

This unit applies to people working in the maritime industry in the capacity of:

- Chief Integrated Rating
- Electro-Technical Officer (STCW Electro-Technical Officer Unlimited)
- Engineer Class 3 Near Coastal
- Engineer Watchkeeper (STCW Engineer Watchkeeper Unlimited)
- Integrated Rating
- Master of a commercial vessel less than less than 500 gross tonnage (GT)
- Master of a commercial vessel Unlimited
- Watchkeeper Deck.

Licensing/Regulatory Information

This unit is equivalent to and delivers the objectives of the following STCW provisions:

- STCW Reg VI/2 (1) and Code Section A-VI/2 (1-4), Table A-VI/2-1.

Legislative and regulatory requirements are applicable to this unit.

- Regulatory requirements include STCW International Maritime Organisation Organization (IMO) model course competencies and areas of knowledge, understanding and proficiency, together with the estimated total hours required for lectures and practical exercises. Teaching staff should note that timings are suggestions only and should be adapted to suit individual groups of trainees depending on their experience, ability, equipment and staff available for training.

Near Coastal Qualifications:

- This unit is one of the requirements to obtain Australian Maritime Safety Authority (AMSA) certification as an Engineer Class 3 Near Coastal as defined in the Marine Order 505 (Certificates of competency - National Law) 2013.

Blue Waters Qualifications:

- This unit is one of the requirements to obtain AMSA certification as a Chief Integrated Rating, Electro-Technical Officer (STCW Electro-Technical Officer Unlimited), Engineer Watchkeeper (STCW Engineer Watchkeeper Unlimited), Integrated Rating, Master of a commercial vessel of less than 500 gross tonnage (GT), Master Unlimited or Watchkeeper Deck. and to meet regulatory requirements this unit must be delivered consistent with Marine Orders and with the relevant sections of the International Convention on Standards of Training, Certification and Watchkeeping for Seafarers (STCW).

Pre-requisite Unit

Not applicable.

Competency Field

F – Operational Quality and Safety

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

PERFORMANCE CRITERIA

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

1 Launch survival craft and rescue boats

- 1.1** Preparations for the launch of the survival craft or rescue boat are made according to manufacturer instructions and organisational procedures
- 1.2** Launch strategy is adopted appropriate to the prevailing circumstances and conditions
- 1.3** Launching equipment is operated according to manufacturer instructions and organisational procedures
- 1.4** Survival craft or rescue boat is launched smoothly according to accepted safety practices and standards

2 Operate survival craft and rescue boats

- 2.1** Pre-start checks are conducted on the engine
- 2.2** Engine is started according to manufacturer instructions

- and organisational procedures
- 2.3** Orders are given for survivors to board the survival craft
 - 2.4** Survival craft is cleared of the vessel and operated according to manufacturer instructions and organisational procedures
 - 2.5** Survival craft is manoeuvred appropriately for the prevailing circumstances and conditions
- 3 Operate lifesaving and survival equipment**
- 3.1** Location and accessibility of all lifesaving and survival equipment is established
 - 3.2** Survival equipment is checked and operated according to manufacturer instructions and organisational procedures
 - 3.3** Lifesaving clothing is correctly donned and used according to manufacturer instructions and organisational procedures
 - 3.4** Strategies are implemented to counter threats to survival according to accepted survival practice
- 4 Recover survival craft**
- 4.1** Persons are disembarked from the survival craft according to organisational procedures
 - 4.2** Survival craft is recovered according to manufacturer instructions and organisational procedures
 - 4.3** Survival craft and equipment are checked for signs of damage and faulty equipment
 - 4.4** Identified faulty equipment or damage is reported according to organisational procedures
- 5 Organise abandon vessel musters and drills**
- 5.1** Abandon vessel musters and drills are arranged according to regulatory requirements and organisational procedures
 - 5.2** Instruction is provided to others on organisational procedures and the correct use of lifesaving equipment
 - 5.3** Musters and drills are reviewed against objectives
 - 5.4** Reporting obligations are completed according to regulatory requirements and organisational procedures
 - 5.5** Risk control processes are implemented

- 6 Assume responsibility for survival of crew and passengers**
- 6.1** Survivors are checked for signs of hypothermia or other injuries and first aid is applied, where necessary
 - 6.2** Water and food are rationed
 - 6.3** Lookout for vessels and aircraft in the vicinity is maintained and distress signals are released on sighting
 - 6.4** Instructions given by rescue personnel are followed to safely access rescue craft
 - 6.5** Persons are disembarked from survival craft or rescue boat according to organisational procedures
 - 6.6** Survival craft or rescue boat is recovered and checked for signs of damage

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Unit Mapping Information

This unit replaces and is equivalent to MARF007 Operate survival craft and other lifesaving appliances.

Links

Companion Volume implementation guide can be found in VetNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=772efb7b-4cce-47fe-9bbd-ee3b1d1eb4c2>