



Australian Government

MARF046 Survive at sea in the event of vessel abandonment and personal survival techniques (PST)

Release: 2

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Modification History

Release 2. This is the second release of this unit of competency in the MAR Maritime Training Package.

- Minor statement changes in unit Application.

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 survive at sea using personal survival techniques (PST) in the event of vessel abandonment.

It applies to deck and engine workers working in the maritime industry requiring a Certificate of Safety Training.

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 up to 100 metres in length within the exclusive economic zone (EEZ)
- Master of a commercial vessel up to 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/1 and Code Section A-VI/1 (2), Table A-VI/1-1.

Legislative and regulatory requirements are applicable to this unit.

- Regulatory requirements include STCW International Maritime 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 or Master up to 100 metres Near Coastal as specified in Marine Order 505.

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 up to 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).

Training providers seeking to offer this unit of competency must gain AMSA approval before the unit is offered.

Seafarers seeking certification should check with AMSA.

Pre-requisite Unit

Not applicable.

Competency Field

F - Operational Quality and Safety

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Respond to emergency

PERFORMANCE CRITERIA

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

- 1.1** Emergency situation is correctly recognised
- 1.2** Muster and abandon vessel signals are activated according to organisational procedures
- 1.3** Prompt, accurate and clear information is given on raising alarm
- 1.4** Instructions are provided to crew and passengers to maximise chances of survival

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| | 1.5 | Emergency position indicating radio beacon (EPIRB) and search and rescue transponders (SARTs) are operated to transmit distress signal |
| | 1.6 | Distress calls are made using radio equipment on distress call frequency to communicate nature of emergency |
| 2 | Operate survival craft and rescue boats | |
| | 2.1 | Orders are given to survivors to board the survival craft or rescue boat using appropriate means |
| | 2.2 | Survival craft or rescue boat is cleared of the vessel and operated according to organisational procedures and manufacturer instructions |
| | 2.3 | Sea anchors and drogues are used to assist in remaining within the vicinity of the abandoned vessel and to minimise the effects of adverse weather and sea conditions |
| | 2.4 | Exposure cover is deployed on an open lifeboat according to manufacturer instructions |
| 3 | Operate lifesaving and survival equipment onboard survival craft and rescue boats | |
| | 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 |
| | 3.3 | Lifesaving equipment is correctly donned and used according to manufacturer instructions |

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 MARF009 Survive at sea in the event of vessel abandonment.

Links

Companion Volume Implementation Guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=772efb7b-4cce-47fe-9bbd-ee3b1d1eb4c2>