



Australian Government

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

Release: 1

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

Modification History

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

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria on at least one occasion and include:

- boarding a survival craft from the ship and water while wearing a life jacket
- determining the type and extent of the emergency
- donning a life jacket
- donning and using an immersion suit
- ensuring initial actions after leaving ship, and procedures and actions in the water minimise threats to survival
- freeing a survival craft of obstructions
- identifying hypothermia and providing appropriate treatment
- keeping afloat without a life jacket
- launching survival craft
- operating location devices, including radio equipment
- operating personal lifesaving appliances
- operating radio equipment
- operating survival craft equipment
- recognising and interpreting muster signals, and taking action that is appropriate to emergency and complies with established procedures
- righting an inverted life raft
- righting an inverted life raft while wearing a life jacket
- safely jumping from a height into water
- streaming a drogue or sea anchor
- swimming while wearing a life jacket
- taking initial actions on boarding survival craft to enhance chance of survival
- timing and sequencing individual actions so they are appropriate to prevailing circumstance and conditions, and minimise potential dangers and threats to survival
- using appropriate method to board survival craft that avoids dangers to other survivors.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria and include knowledge of:

- action to be taken in an emergency
- characteristics of survival craft
- dangers to survivors at sea and precautions, including:
 - dehydration
 - drinking seawater
 - exposure to the elements
 - fire
 - oil on water
 - sea sickness
 - sharks
- emergency muster and abandon vessel signals, including muster list
- equipment found in survival craft, its function and the procedures for correct operation
- first aid techniques
- helicopter assistance and pick-up, including:
 - communicating with helicopter
 - evacuating from ship and survival craft
 - helicopter harness
- location of personal lifesaving appliances
- location of survival equipment on vessel
- principles concerning survival, including:
 - actions to be taken when aboard a survival craft
 - actions to be taken when called to survival craft stations
 - actions to be taken when in the water
 - actions to be taken when required to abandon ship
 - main dangers to survivors
 - need to be ready for any emergency
 - personal protective equipment (PPE)
 - value of training and drills
- procedures for abandoning vessel
- relevant maritime regulations related to required survival equipment on a vessel
- relevant work health and safety (WHS)/occupational health and safety (OHS) legislation and policies
- standard safety symbols
- steps to be taken after collision, grounding or other marine casualty and resulting hull damage
- survival at sea techniques
- techniques for using survival equipment

- techniques for maintain morale of survivors
- time required to make distress calls safely
- types of emergency situations which may occur and precautions, including:
 - adverse reaction of dangerous goods and hazardous bulk materials
 - collision
 - engine room explosion
 - fire
 - foundering
 - hull failure
 - shifting of cargo
 - stranding
- types of lifesaving appliances normally carried on ships
- types of survival craft and appliances, including:
 - float-free launching
 - free-fall launching
 - immersion suit
 - inflatable appliance
 - launching appliance
 - rescue boat
 - survival craft
 - thermal protective aid and anti-exposure suits
- use of distress signals and penalty for misuse.

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Practical assessment must occur in a workplace, or realistic simulated workplace, under the normal range of workplace conditions.

Simulations and scenarios may be used where situations cannot be provided in the workplace or may occur only rarely, in particular for situations relating to emergency procedures and adverse weather conditions where assessment would be unsafe, impractical or may lead to environmental damage.

Resources for assessment must include access to:

- applicable documentation, such as legislation, regulations, codes of practice, workplace

- procedures and operational manuals
- tools, equipment, machinery, materials and relevant personal protective equipment (PPE) currently used in industry.

Links

Companion Volume implementation guide can be found in VetNet -

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