



Australian Government

Assessment Requirements for MARF030 Survive at sea using survival craft

Release: 1

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Modification History

Release 1. New unit of competency. Licensing/regulatory information has been incorporated in accordance with Regulatory requirements. Assessment Requirements have been strengthened in accordance with Regulatory requirements.

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:

- applying appropriate handling strategies to manoeuvre survival craft in rough weather and sea conditions
- boarding a life raft unassisted while wearing a lifejacket and assisting others to board
- collecting, managing and interpreting information on the use of lifesaving equipment
- communicating with other crew members
- determining type and extent of emergency
- jumping safely from a height into the water while wearing a lifejacket and according to established survival practice
- operating radio equipment
- participating in training, musters and emergency drills
- reading and interpreting instructions for emergency procedures and for use of lifesaving and survival equipment
- recognising and interpreting muster signals
- righting an inverted life raft unassisted while wearing a lifejacket according to established survival practice
- swimming while wearing a lifejacket and floating without a lifejacket according to established survival practice
- using a rescue quoit to assist a person to the life raft
- using paddles to manoeuvre survival craft
- using survival equipment.

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 emergency situations
 - calculations required to ration food and water
 - technique used to deploy a sea anchor or drogue from the survival craft
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- emergency muster and abandon vessel signals
- equipment found in survival craft, its function and procedures for correct operation
- established survival practice
- first aid techniques
- how to launch survival craft
- importance of being ready for shipboard emergencies
- International Convention for the Safety of Life at Sea (SOLAS) regulations
- location of survival equipment on vessel
- maintenance of lifesaving appliances
- means of activating gas release line to inflate life raft
- procedures for abandoning vessel including use of:
 - inflatable life raft
 - life buoys
 - life jackets
- relevant maritime regulations relating to required survival equipment on a vessel
- relevant work health and safety (WHS)/occupational health and safety (OHS) legislation and policies
 - search and rescue transponders (SARTs)
- steps to be taken after collision, grounding or other marine casualty and resulting hull damage
- survival at sea techniques
- survival craft:
 - characteristics of different types of survival craft
 - construction
- techniques for using survival equipment
- time required to make distress calls safely
- threats to survival on vessel abandonment and appropriate strategies for countering these threats
- use and purpose of personal protective equipment (PPE)
- use of distress signals, including flares and penalty for misuse.

Assessment Conditions

Assessors must satisfy applicable regulatory requirements, which include requirements in the Standards for Registered Training Organisations current at the time of assessment. As a minimum, assessment must satisfy applicable regulatory requirements, which include requirements in 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, instructions for use of lifesaving and survival equipment, emergency procedures and operational manuals
- survival craft
- tools, equipment, machinery, materials and relevant PPE currently used in industry.

Links

Companion Volume implementation guides are found in VETNet -

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