



**Australian Government**

**Assessment Requirements for MARF001  
Apply basic survival skills in the event of  
vessel abandonment**

**Release: 2**

# **Assessment Requirements for MARF001 Apply basic survival skills in the event of vessel abandonment**

## **Modification History**

Release 2. Clarification of guidance information in Performance Evidence, Knowledge Evidence and Assessment Conditions.

Release 1. New unit of competency.

## Performance Evidence

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

- activating a red or orange hand held flare
- collecting, managing and interpreting information on the use of lifesaving equipment and procedures to be followed when order to abandon vessel is given
- communicating effectively with other personnel and passengers during simulated and actual abandon vessel musters and emergencies
- determining type and extent of emergency and appropriate survival action to be taken
- donning a lifejacket in water and:
  - ensuring behaviour reflects statutory requirements pertaining to lifesaving appliances
  - locating survivors in simulated darkness
  - swimming in a lifejacket for a minimum of 50 metres
  - towing with a life jacket for a minimum of 25 metres
  - remaining afloat without a lifejacket for at least 10 minutes
  - assisting a survivor to don a lifejacket
  - maintaining a group huddle for at least 10 minutes
  - swimming in a group congo line for a minimum of 50 metres
  - holding heat escape lessening posture for at least 10 minutes
- donning various lifejacket and other lifesaving apparel
- identifying signs of hypothermia and providing appropriate treatment
- operating radio equipment
- planning timing and sequence of individual survival actions to be appropriate to prevailing circumstances and conditions of emergency, and minimising potential dangers and threats to other survivors
- reading and interpreting instructions on emergency procedures, safety management systems and plans, and using of lifesaving and survival equipment
- recognising and interpreting muster signals appropriately for indicated emergency
- swimming in a lifejacket

## Knowledge Evidence

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

- appropriate techniques for:
  - first aid
  - maritime communication
  - survival
  - survival at sea
  - survival with a swamped, semi submerged tender or dingy
  - using survival equipment
- action to be taken in an emergency situation
- crew and passenger safety briefing
- construction, outfit and particular characteristics of various types of applicable survival equipment
- emergency muster and abandon vessel signals
- emergencies that may lead to vessel abandonment
- established safety practice and procedures
- importance of being ready for any shipboard emergency including using lifesaving equipment
- initial actions for survival on vessel abandonment
- location of:
  - lifesaving appliances on a vessel
  - survival equipment on vessel
- maintenance of lifesaving appliances
- personal protective equipment (PPE):
  - purpose
  - use
- procedures for:
  - abandoning vessel
  - correctly operating and using lifesaving appliances and PPE on board vessels and survival craft, and specifically donning a lifejacket, using a lifejacket light and whistle, using handheld pyrotechnics
  - emergency response on board vessels, including abandoning vessel
- regulatory requirements and company procedures for musters and drills
- relevant manufacturer guidelines relating to operating and using survival equipment, including instructions on equipment capability and limitations
- 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 including SMS, plans, processes and techniques
- standard safety symbols

- steps to be taken after collision, grounding or other marine casualty and resulting hull damage
- symptoms of hypothermia, its prevention and treatment and related use of protective covers and garments
- threats to survival after abandoning vessel and:
  - appropriate strategies for countering these threats
  - how to minimise dangers
- use of distress signals and penalty for misuse
- value of training and emergency drills for enhancing chances of survival at sea
- ways of maximising detect-ability using pyrotechnic distress signals, portable high frequency (VHF) radios, satellite Emergency position indicating radio beacons (EPIRBs).

## **Assessment Conditions**

Assessors must satisfy National Vocational Education and Training Regulator (NVR)/Australian Quality Training Framework (AQTF) assessor requirements.

Assessment must satisfy the National Vocational Education and Training Regulator (NVR)/Australian Quality Training Framework (AQTF) standards.

Assessment must occur in workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated workplace operational situations that reflect workplace conditions.

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.

Resources for assessment must include access to:

- tools, equipment, machinery, materials and personal protective equipment currently used in industry
- applicable documentation such as legislation, regulations, codes of practice, workplace procedures and operational manuals
- range of relevant exercises, case studies and/or simulations.

## **Links**

MAR Maritime Training Package Companion Volume Implementation Guide at: - [http://companion\\_volumes.vetnet.education.gov.au/Pages/TrainingPackage.aspx?pid=22](http://companion_volumes.vetnet.education.gov.au/Pages/TrainingPackage.aspx?pid=22)