



Australian Government

Assessment Requirements for MARF060 Apply basic survival skills in the event of vessel abandonment

Release: 1

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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:

- 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/or actual abandon vessel musters and emergencies
- determining type and extent of emergency and appropriate survival actions to be taken
- donning a lifejacket in water and:
 - assisting a survivor to don a lifejacket
 - holding heat escape lessening posture for at least 5 minutes
 - maintaining a group huddle for at least 10 minutes
 - swimming in a group conga line for a minimum of 50 metres
 - swimming in a lifejacket for a minimum of 50 metres
 - towing with a life jacket for a minimum of 25 metres
- ensuring emergency actions are in accordance with statutory requirements pertaining to lifesaving appliances
- operating radio equipment, including very high frequency (VHF) or high frequency (HF) radios
- operating and using lifesaving and survival equipment, including:
 - life buoys
 - life jacket or personal floatation devices
 - live activation of orange smoke flare or red handheld flare on at least one occasion
- 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 (SMS) and plans
- recognising and interpreting alarms, emergency and muster signals appropriately
- remaining afloat without a lifejacket for at least 5 minutes.

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:

- appropriate techniques for:
 - first aid
 - maritime communication
 - survival with a swamped, semi-submerged tender or dingy
 - using survival equipment
- actions to be taken in an emergency situation
- certificates and documentation including:
 - instructions for use of lifesaving equipment
 - lifesaving and survival equipment certificates
 - pyrotechnic expiry dates
 - record of inspection of equipment
- construction, outfit and particular characteristics of various types of applicable survival equipment
- crew and passenger safety briefing
- distress signals, their use and penalty for misuse
- emergencies that may lead to vessel abandonment including regulatory requirements and company procedures for musters and drills
- emergency muster and abandon vessel signals
- established safety practice and procedures
- hazards, including:
 - expired pyrotechnics
 - inaccessible lifejackets
 - no defined abandon ship procedures established
 - poorly maintained equipment
- importance of being ready for any shipboard emergency, including initial actions for survival on vessel; abandonment
- location of:
 - lifesaving appliances on a vessel
 - survival equipment on vessel
- maintenance of lifesaving appliances
- operating and using lifesaving and survival equipment, including:
 - orange smoke flares or red handheld flares
 - life buoys
 - life jacket or personal floatation devices
- person overboard combination light and smoke float
- procedures for:
 - abandoning vessel

- correctly operating and using lifesaving appliances on board vessels and survival craft, specifically donning a lifejacket, using a lifejacket light and whistle and using handheld pyrotechnics
- emergency response on board vessels, including abandoning vessel
- purpose and use of relevant personal protective equipment (PPE)
- 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
- search and rescue transponders (SARTs)
- standard safety symbols
- steps taken after collision, grounding or other marine casualty and resulting hull damage
- symptoms and signs of hypothermia, its prevention and treatment and related use of protective covers and garments
- threats to survival after abandoning vessel, including dehydration and ingestion of seawater and:
 - appropriate strategies for countering these threats
 - how to minimise dangers
- using survival equipment, including:
 - emergency position indicating radio beacons (EPIRBs)
 - immersion suits
 - Search and Rescue Transponder (SARTs)
- value of training and emergency drills for enhancing chances of survival at sea
- ways of maximising detectability using pyrotechnic distress signals, portable high frequency (HF) radios, SARTs and EPIRBs.

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, safety management systems, workplace procedures and operational manuals, including:
 - abandon vessel procedures
 - emergency procedures
 - information on the use of lifesaving equipment
 - instructions for the use of lifesaving and survival equipment
 - lifesaving and survival equipment certificates
- tools, equipment, machinery, materials and relevant personal protective equipment (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>