



Australian Government

Assessment Requirements for MARF036 Coordinate search and rescue operations

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:

- applying procedures from the International Aeronautical and Maritime Search and Rescue (IAMSAR) Manual
- applying relevant work health and safety (WHS)/occupational health and safety (OHS) requirements and work practices
- attending to appropriate level of detail in recordkeeping
- establishing radio communications and following correct communications procedures at all stages of search and rescue (SAR) operations
- identifying and solving problems that may arise during SAR operations, reporting problems and issues, and taking appropriate action based on available information
- liaising effectively with internal and external authorities/agencies
- modifying activities according to vessel contingencies, risk situations and environments
- monitoring and anticipating hazards and risks that may arise during SAR operations and taking appropriate action
- planning to coordinate SAR operations according to international guidelines and standards
- providing one of the following high-quality reports:
 - briefings to authorities
 - initial advice forms
 - management reports and briefings
 - messaging systems
- taking appropriate initiative for SAR operations
- using relevant publications, charts, meteorological data, particulars of vessels involved, radio communications equipment and other available facilities.

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:

- chain of command and organisational requirements used in SAR operations
- external authorities/agencies

- IAMSAR Manual
- limits of the vessel and the environment, including:
 - fuel range
 - prevailing weather
 - propulsion
 - sea conditions
 - steering
 - vessel stability
- maritime communications techniques applicable to SAR operations
- principles involved in determining the duration and scope of a SAR
- responsibilities when participating in SAR operations
- SAR techniques and procedures
- sequence of actions to be taken after sighting or receiving a distress signal or call for assistance
- types of emergency signals
- types of distress and emergency, and response required in each case, including:
 - ditched aircraft
 - person/s in distress in sea
 - person/s in distress in survival craft
 - vessel/s in distress
- types of search patterns and their application
- typical SAR problems and appropriate actions and solutions
- WHS/OHS requirements and work practices.

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, including one or more of the following resources:
 - communications systems
 - electronic aids
 - equipment
 - facilities
 - fuel
 - instructions
 - maps/charts
 - people
 - vessels.

Links

Companion Volume implementation guide can be found in VetNet -

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