



Australian Government

Assessment Requirements for MARF020 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 Release 3.0.

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:

- applying relevant work health and safety (WHS)/occupational health and safety (OHS) requirements and work practices
- applying procedures from the International Aeronautical and Maritime Search and Rescue (IAMSAR) Manual
- attending to appropriate level of detail in recordkeeping
- liaising effectively with internal and external authorities/agencies
- establishing radio communications and following correct communications procedures at all stages of search and rescue operations
- identifying and solving problems that may arise during search and rescue operations, reporting problems and issues, and taking appropriate action based on available information
- modifying activities according to vessel contingencies, risk situations and environments
- monitoring and anticipating hazards and risks that may arise during search and rescue operations and taking appropriate action
- planning to coordinate search and rescue operations according to international guidelines and standards
- providing high quality reports
- taking appropriate initiative for search and rescue 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, performance criteria and range of conditions and include knowledge of:

- chain of command and organisational requirements used in search and rescue operations
- IAMSAR Manual
- maritime communications techniques applicable to search and rescue operations
- principles involved in determining the duration and scope of a search
- responsibilities when participating in search and rescue operations
- search and rescue techniques and procedures
- sequence of actions to be taken after sighting or receiving a distress signal or call for assistance
- types of distress and emergency signals, and types of response required in each case
- types of search patterns and their application
- typical search and rescue problems and appropriate action and solutions
- WHS/OHS requirements and work practices.

Assessment Conditions

As a minimum, assessors must satisfy applicable regulatory requirements, which include requirements in the Standards for Registered Training Organisations, current at the time of assessment.

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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.

Assessment must occur in workplace operational situations or where these are not available, in simulated workplace operational situations or an industry-approved marine operations site where coordinating search and rescue operations can be conducted.

Resources for assessment include access to:

- relevant documentation including workplace procedures, regulations, codes of practice and operation manuals
- tools, equipment, materials and personal protective equipment currently used in industry and necessary for coordinating a search and rescue operation.

Performance should be demonstrated consistently over time and in a suitable range of contexts.

Links

Companion Volume implementation guides are found in VETNet -

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