



Australian Government

MARF014 Respond to emergencies

Release: 1

MARF014 Respond to emergencies

Modification History

Release 1. New unit of competency.

Application

This unit involves the skills and knowledge required to deal with maritime emergencies and incidents.

This unit applies to maritime workers working in the maritime industry as a Watchkeeper Deck; as a Master, Chief Mate or Watchkeeper Deck on ships of less than 500 gross tonnage (GT) in any operating area; or as Master or Chief Mate of vessels less than 3000 GT operating in near coastal waters.

This unit has links to legislative and certification requirements.

Pre-requisite Unit

Not applicable.

Competency Field

F – Operational Quality and Safety

Unit Sector

Not applicable.

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

1 Raise alarms

1.1 Urgency of situation and nature of emergency is identified promptly

1.2 Relevant alarms are activated

1.3 Distress signals are used to indicate need for assistance, if required

2 Control onboard emergency

2.1 Initial actions on becoming aware of emergency are undertaken according to contingency plans and are appropriate to urgency of situation and nature of emergency

2.2 Onboard personnel are given information and instructions

clearly and accurately

2.3 Procedures are implemented to combat emergency and to protect persons on board

2.4 Communications are established with others to facilitate emergency response process

2.5 Injured persons are provided with assistance

2.6 Contact is maintained with others at all times to keep them briefed on emergency response process

2.7 Preparation for abandoning vessel is undertaken, if required

2.8 Cessation of emergency is communicated to appropriate personnel

3 Respond to a distress signal at sea

3.1 Distress signals from others are recognised immediately

3.2 Nature of assistance required is identified

3.3 Capability to safely assist or relay emergency is determined taking into account own safety and physical proximity to emergency

3.4 Appropriate response to emergency is prepared for and implemented according to contingency plans and instructions in standing orders

3.5 Cessation of emergency is communicated to appropriate personnel

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance.

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Specifies different work environments and conditions that may affect performance. Essential

operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included.

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Nature of emergency includes one or more of the following:

- anchoring
- assisting a vessel in distress
- collision
- contaminated fuel
- emergencies which arise in port
- engine breakdown or malfunction
- fire
- flooding
- grounding
- hypothermia
- incidents
- injuries/illness
- lack of fuel
- lost
- person overboard
- rescuing persons from sea
- sinking
- swamping

Relevant alarms include one or more of the following:

- abandon ship signals
- fire and lifeboat muster alarms
- mayday broadcast

Distress signals include one or more of the following:

- emergency position indicating radio beacons (EPIRB)
- flags
- hand signals
- International Code Signal of Distress
- light signals
- pyrotechnic distress signals
- radio
- reflective mirror
- V-sheet

Initial actions include one

- damage assessment and control

or more of the following:

- manoeuvring vessel

Others include one or more of the following:

- aircraft
- other vessels
- search and rescue authorities

Nature of assistance includes one or more of the following:

- assisting a ship in distress
- rescuing persons from sea
- responding to emergencies occurring in port

Unit Mapping Information

This is a new unit. This unit is equivalent to MARF5003A Respond to emergencies.

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for MARF014 Respond to emergencies

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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 first aid
- correctly using lifesaving appliances
- if appropriate, manoeuvring vessel, according to contingency plans
- immediately recognising a distress or emergency signal
- implementing contingency plans and instructions in standing orders when responding to a distress signal at sea
- promptly identifying type and scale of emergency
- working as part of a team.

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:

- common emergency actions
- contents of the International Aeronautical and Maritime Search and Rescue (IAMSAR) Manual
- initial action to be taken following a collision or grounding
- initial damage assessment and control
- one's surroundings and changes to these surroundings
- precautions for protection and safety of passengers in emergency situations
- procedures to be followed for:
 - rescuing persons from the sea
 - assisting a vessel in distress
 - responding to emergencies that arise in port
- range of lifesaving appliances
- types of maritime emergency incidents and situations
- work health and safety (WHS)/occupational health and safety (OHS) requirements and work practices.

Assessment Conditions

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

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.

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