



Australian Government

MARI005 Respond to emergency situations

Release: 1

MARI005 Respond to emergency situations

Modification History

Release 1. This is the first release of this unit of competency in the MAR Maritime Training Package.

Application

This unit involves the skills and knowledge required to respond to emergency situations as described in Module 8 of International Association of Marine Aids to Navigation and Lighthouse Authorities (IALA) Model Course C0103-1 Vessel Traffic Services Operator Training, including:

- regulations
- contingency plans
- prioritising and responding to situations
- recording activities concerning emergencies
- maintaining a safe waterway throughout an emergency situation
- dealing with internal and external emergencies.

This unit applies to people working in the maritime industry in the capacity of:

- Vessel Traffic Services (VTS) Operator.

IMO Regulatory framework

International Convention for the Safety of Life at Sea (SOLAS) V/12 states that Contracting Governments planning and implementing VTS shall, wherever possible, follow the guidelines developed by the International Maritime Organization (IMO).

IMO Resolution A.1158(32) Guidelines for VTS states:

- VTS personnel should only be considered competent when appropriately trained and qualified for their VTS duties. This includes, amongst other things, that personnel have satisfactorily completed generic VTS training approved by a competent authority.
- IALA publishes standards and associated recommendations, guidelines and model courses specifically related to the establishment and operation of VTS contribute to achieving worldwide harmonization of VTS.
- Contracting Governments are encouraged to take into account IALA standards and associated recommendations, guidelines and model courses specifically related to the operation of VTS.

Licensing/Regulatory Information

Legislative and regulatory requirements are applicable to this unit.

- Marine Order 64 (Vessel Traffic Services)

- RTOs must:
 - demonstrate compliance with IALA Standard 1050 – Training and Certification
 - take into account IALA standards and associated recommendations, guidelines and model courses, including G1141 and G1118.

Pre-requisite Unit

Not Applicable

Competency Field

I – Regulations and port operations

Unit Sector

Maritime sector

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Identify emergency response

PERFORMANCE CRITERIA

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

- 1.1** Type and scale of emergency is correctly identified
- 1.2** Emergency is communicated to VTS supervisor in accordance with workplace procedures
- 1.3** Contingency plan and checklists are accessed in accordance with workplace procedures
- 2 Follow contingency plan**
 - 2.1** Contingency plans and checklists are applied in accordance with workplace procedures
 - 2.2** Relevant allied services and response organisations are identified, and communication channels are established and maintained in accordance with contingency plans and workplace procedures

- 2.3 Situational reports are collected and disseminated in accordance with workplace procedures
- 2.4 Response actions to emergency situations are documented in accordance with workplace procedures

Foundation Skills

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

Range of Conditions

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

Non-essential conditions may be found in the MAR Maritime Training Package Companion Volume Implementation Guide.

Unit Mapping Information

This is a new unit. No equivalent unit.

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 MARI005 Respond to emergency situations

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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:

- activating contingency plans in accordance with workplace procedures
- coordinating with allied services and response organisations in accordance with contingency plans and workplace procedures
- defining steps for prioritising and responding to incidents
- identifying and classifying internal and external emergencies in accordance with workplace procedures
- managing traffic during emergencies to maintain safe waterways in accordance with workplace procedures and contingency plans.

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:

- objectives and procedures for recording activities concerning emergencies
- role of contingency plans, including:
 - implementation of contingency plans
 - preparation and use of checklists
- role of Vessel Traffic Services (VTS), including responsibilities and authority (regulatory and policy), in responding to emergency situations
- workplace procedures for dealing with internal and external emergencies, including processes (steps) for prioritising and responding to incidents.

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.

Assessment must occur in workplace operational situations, where this is not appropriate, assessment must occur in simulated workplace operational situations that replicate workplace conditions.

Resources for assessment must include access to:

- applicable documentation such as policies, workplace procedures, regulations, codes of practice and operation manuals
- applicable VTS equipment and systems.

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