



Australian Government

MARO001 Perform basic lookout duties

Release: 1

MARO001 Perform basic lookout duties

Modification History

Release 1. New unit of competency.

Application

This unit involves the skills and knowledge required to contribute to a safe lookout on a vessel up to 80 metres under instructions from the Master.

This unit applies to general purpose hands working in the maritime industry on vessels up to 80 metres. They could be working independently or as part a vessel crew.

This unit has links to legislative and certification requirements.

Pre-requisite Unit

Not applicable.

Competency Field

O – Watchkeeping

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 Follow instructions to monitor vessel situation when moored or anchored | 1.1 Scheduled checks and inspections are conducted to comply with instructions |
| | 1.2 Appropriate action is taken in the event of irregularities or abnormal conditions to maximise the safety and integrity of the vessel |
| | 1.3 Restrictions on access to the vessel by visitors are followed according to instructions |
| | 1.4 VHF equipment is monitored and information is communicated to the Master as required |
| 2 Follow instructions to monitor vessel | 2.1 Proper lookout is maintained at all times according to instructions |

- | | | |
|--|-----|---|
| situation when at sea | 2.2 | Lights, shapes and sound signals are correctly recognised |
| | 2.3 | Effective communication is maintained with the Master on matters relevant to the safety and integrity of the vessel |
| | 2.4 | VHF equipment is monitored and information is communicated to the Master as required |
| 3 Respond to potential emergency situations | 3.1 | Emergency situations are promptly reported to the Master |
| | 3.2 | Distress signals are recognised and reported |

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.

Scheduled checks and inspections must include:

- coverage
- frequency
- timing

Irregularities or abnormal conditions include one or more of the following:

- events affecting the safety and integrity of:
 - vessel
 - crew
 - equipment
 - materials, such as cargo

Monitored includes one or more of the following:

- communications with other vessels
- communications with those on shore
- weather reports and warnings

Emergency situations include one or more of the following:

- cargo shift
- collision
- dragging anchor
- failure of vessel equipment and navigational lights
- fire
- fog or restricted visibility
- heavy weather
- loss of engine or propulsion controls
- loss of mooring lines
- loss of watertight integrity
- person overboard
- reception of distress signal
- stranding
- sudden list or loll
- synchronous rolling

Unit Mapping Information

This is a new unit. This unit is equivalent to MARO1001A Perform basic lookout duties.

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 MARO001 Perform basic lookout duties

Modification History

Release 1. New unit of competency.

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:

- communicating effectively with others on lookout issues and arrangements
- communicating required information in a timely manner
- correctly reporting other ships, objects, lights and navigation marks in relation to the ship's head
- identifying and reporting lights, buoys and sound signals
- monitoring and anticipating hazards and risks that may arise during lookout duties
- monitoring VHF equipment
- providing required amount of detail in reports
- responding to helm and engine orders given by the Master.

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:

- International Regulations for Preventing Collisions at Sea
- navigation lights, shapes and sound signals
- typical emergency situations and appropriate action and solutions.

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.

Links

Companion Volume implementation guides are found in VETNet -

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