



Australian Government

MARO1001A Perform basic lookout duties

Release 1

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Modification History

Release 1

This is the first release of this unit.

Unit Descriptor

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.

Application of the Unit

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.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Not applicable.

Employability Skills Information

This unit contains employability skills.

Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a unit of competency.

Performance criteria describe the required performance needed to demonstrate achievement of the element. Assessment of performance is to be consistent with the evidence guide.

Elements and Performance Criteria

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| 1 Follow instructions to monitor vessel situation when moored or anchored | <ul style="list-style-type: none">1.1 <i>Scheduled checks and inspections</i> are conducted to comply with instructions1.2 Appropriate action is taken in the event of <i>irregularities or abnormal conditions</i> to maximise the safety and integrity of the vessel1.3 Restrictions on access to the vessel by visitors are followed according to instructions1.4 VHF equipment is <i>monitored</i> and information communicated to the Master if appropriate |
| 2 Follow instructions to monitor vessel situation when at sea | <ul style="list-style-type: none">2.1 Proper lookout is maintained at all times according to instructions2.2 Lights, shapes and sound signals are correctly recognised2.3 Effective communication is maintained with the Master on matters relevant to the safety and integrity of the vessel2.4 VHF equipment is monitored and information communicated to the Master when appropriate |
| 3 Respond to potential emergency situations | <ul style="list-style-type: none">3.1 <i>Emergency situations</i> are promptly reported to the Master3.2 Distress signals are recognised and reported |

Required Skills and Knowledge

This section describes the skills and knowledge required for this unit.

Required Skills:

- Communicate effectively with others on lookout issues and arrangements
- Correctly report other ships, objects, lights and navigation marks in relation to the ship's head
- Identify and report lights, buoys and sound signals
- Monitor and anticipate hazards and risks that may arise during lookout duties
- Monitor VHF equipment
- Respond to helm and engine orders given by the Master

Required Knowledge:

- International Regulations for Preventing Collisions at Sea
- Navigation lights, shapes and sound signals
- Typical emergency situations and appropriate action and solutions
- Work health and safety (WHS)/occupational health and safety (OHS) requirements and work practices

Evidence Guide

The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, the required skills and knowledge, the range statement and the Assessment Guidelines for the Training Package.

Critical aspects for assessment and evidence required to demonstrate competency in this unit

The evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the Elements, Performance Criteria, Required Skills, Required Knowledge and include:

- communicating required information in a timely manner
- providing required amount of detail in reports.

Context of and specific resources for assessment

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

Resources for assessment include access to:

- industry-approved marine operations site where performing basic lookout duties can be conducted
- tools, equipment and personal protective equipment currently used in industry
- relevant regulatory and equipment documentation that impacts on work activities
- range of relevant exercises, case studies and/or other simulated practical and knowledge assessments
- appropriate range of relevant operational situations in the workplace.

In both real and simulated environments, access is required to:

- relevant and appropriate materials and equipment
- applicable documentation including workplace procedures, regulations, codes of practice and operation manuals.

Method of assessment

Practical assessment must occur in an:

- appropriately simulated workplace environment and/or
- appropriate range of situations in the workplace.

A range of assessment methods should be used to assess practical skills and knowledge. The following examples are appropriate to this unit:

- direct observation of the candidate performing basic lookout duties
- direct observation of candidate applying relevant WHS/OHS requirements and work practices.

Guidance information for assessment

Holistic assessment with other units relevant to the industry sector, workplace and job role is recommended.

In all cases where practical assessment is used it should be

combined with targeted questioning to assess Required Knowledge.

Assessment processes and techniques must be appropriate to the language and literacy requirements of the work being performed and the capacity of the candidate.

Range Statement

The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. Bold italicised wording, if used in the performance criteria, is detailed below.

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| Scheduled checks and inspections include: | <ul style="list-style-type: none">• Coverage• Frequency• Timing |
| Irregularities or abnormal conditions may include: | <ul style="list-style-type: none">• Events affecting the safety and integrity of:<ul style="list-style-type: none">• vessel• crew• equipment• materials, such as cargo |
| Monitored may include: | <ul style="list-style-type: none">• Communications with other vessels• Communications with those on shore• Weather reports and warnings |
| Emergency situations may include: | <ul style="list-style-type: none">• 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 Sector(s)

Not applicable.

Competency Field

Watchkeeping