



Australian Government

MARC062 Perform mooring operations

Release: 1

MARC062 Perform mooring operations

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 carry out mooring operations according to relevant requirements and regulations.

This includes preparing a berth, receiving and securing lines, returning heaving line, landing a gangway and letting go of a vessel.

This unit applies to people working in the maritime industry as a Linesperson.

Licensing/Regulatory Information

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Not applicable.

Competency Field

C – Equipment Operations

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Prepare a berth

PERFORMANCE CRITERIA

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

1.1 Relevant documentation and records are identified and accessed in accordance with workplace procedures

1.2 Positioning information is obtained, checked, and confirmed

as accurate in accordance with workplace procedures

- 1.3** Bridge marker is set in accordance with workplace procedures
- 1.4** Briefing is obtained and interpreted on issues related to mooring operations
- 1.5** Communications equipment is prepared and set to correct channels in accordance with workplace procedures
- 1.6** Berth conditions are checked, and made clear and ready for mooring and unmooring
- 1.7** Portainer cranes and gantries/loaders are correctly positioned for berthing of vessel
- 1.8** Safety concerns are communicated to pilot of vessel with due care not to interfere with tug and vessel communications

2 Receive and secure lines

- 2.1** Heaving line received from mooring launch or vessel and in accordance with workplace procedures
- 2.2** First lines are received from vessel and secured to applicable bollards/hooks in accordance with workplace procedures and pilot directions
- 2.3** Additional lines are received from vessel and are attached to applicable bollards/hooks in accordance with workplace procedures
- 2.4** Correct method for crossing mooring lines over and between another vessel's mooring lines is followed
- 2.5** Mooring line is dipped when another vessel occupies the bollard in accordance with port and workplace procedures
- 2.6** Safe distance from snapback zones and demarcated area is maintained during line tensioning
- 2.7** Workplace procedures and safe work practices are followed during receipt and securing of lines at all times

3 Return heaving line

- 3.1** Vessel crew is made aware of planned heaving line return operations in accordance with workplace procedures
- 3.2** Heaving line is returned to vessel in accordance with workplace procedures and supervisor instructions

4 Land a gangway

- 4.1** Gangway vicinity is cleared of all personnel in accordance

with port and workplace procedures

- 4.2 Gangway is landed safely and efficiently in accordance with port and workplace procedures

5 Let go of vessel

- 5.1 Vessel crew is made aware of intentions to let go in accordance with workplace procedures
- 5.2 Singling up processes are carried out in accordance with port procedures and required safety precautions
- 5.3 Mooring lines are kept clear of propeller and thrusters during singling up process in accordance with safety precautions
- 5.4 Remaining lines are released in accordance with supervisor instructions and workplace procedures
- 5.5 Stand clear procedures are immediately implemented when required in accordance with supervisor instructions and workplace procedures
- 5.6 Required precautions and workplace procedures and safe work practices are followed during mooring operations at all times

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 can be found in the Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to MARC022 Perform mooring and unmooring activities.

Links

Companion Volume Implementation Guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=772efb7b-4cce-47fe-9bbd-ee3b1d1eb4c2>