



Australian Government

MARK007 Handle a vessel up to 12 metres

Release: 2

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Modification History

Release 2. This is the second release of this unit of competency in the MAR Maritime Training Package.

- Minor statement changes in unit Application
- Minor statement changes in Assessment Conditions.

Release 1. New unit of competency. Licensing/regulatory information has been incorporated in accordance with Regulatory requirements. Assessment Requirements have been strengthened in accordance with Regulatory requirements.

Application

This unit involves the skills and knowledge required to manoeuvre a vessel up to 12 metres in length. This includes the ability to berth, moor, anchor and manoeuvre a vessel during emergencies.

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

- Coxswain Grade 1
- Coxswain Grade 2
- Coxswains Grade 3.

Licensing/Regulatory Information

Legislative and regulatory requirements are applicable to this unit.

Seafarers seeking certification should check with AMSA.

Pre-requisite Unit

Not Applicable.

Competency Field

K – Manoeuvring Vessels

Unit Sector

Not Applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Handle vessel in normal conditions

2 Handle vessel in adverse weather conditions

3 Handle vessel in emergencies

PERFORMANCE CRITERIA

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

- 1.1** Features of vessel that relate to its handling characteristics are recognised
- 1.2** Details of manoeuvres are communicated to relevant personnel clearly and concisely using standard maritime vocabulary
- 1.3** Situational awareness is maintained to ensure safety of manoeuvres
- 1.4** Manoeuvres are completed to meet passage requirements
- 1.5** Propulsion equipment is used and monitored to assist in completing manoeuvres safely
- 1.6** Safe operating limits of propulsion and steering equipment are not exceeded
- 2.1** Nature of adverse weather conditions is identified and potential impact on the manoeuvrability of the vessel is determined
- 2.2** Appropriate action is determined to ensure the safety of the vessel
- 2.3** Correct use of propulsion equipment is established to assist in completing manoeuvres safely
- 2.4** Safe operating limits of propulsion and steering equipment are not exceeded
- 2.5** Situational awareness is maintained at all times to review actions and ensure the safety of the vessel
- 3.1** Nature of emergency is established and required action is determined
- 3.2** Risks to vessel and safety of persons on board are assessed and safety of required action is confirmed
- 3.3** Details of actions are communicated to relevant personnel clearly and concisely using standard maritime

vocabulary

- 3.4** Appropriate manoeuvres are made during the emergency to maintain the safety of the vessel and those on board, and any other vessels or persons involved
 - 3.5** Propulsion equipment is used and monitored to assist in completing manoeuvres safely
 - 3.6** Safe operating limits of propulsion and steering equipment are not exceeded
- 4 Tow and be towed**
 - 4.1** Preparations for towing are made safely according to established nautical practice
 - 4.2** Correct towing procedures and precautions are applied when towing and being towed

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.

Unit Mapping Information

This unit replaces and is equivalent to MARK001 Handle a vessel up to 12 metres.

Links

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