



Australian Government

MARK007 Handle a vessel up to 12 metres

Release: 1

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Modification History

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 on vessels <12 m in length, with propulsion power that is unlimited for an outboard engine or <500 kW for an inboard engine, operating in inshore or designated waters or
- coxswain on tenders or auxiliary vessels operating within 3 nautical miles (nm) of a parent vessel within the exclusive economic zone (EEZ).

Licensing/Regulatory Information

Legislative and regulatory requirements are applicable to this unit. This unit is one of the requirements to obtain Australian Maritime Safety Authority (AMSA) certification as a Coxswain Grade 2 NC and Coxswain Grade 1 NC as defined in the National Standard for Commercial Vessels (NSCV) Part D. The AMSA mandated practical assessment (AMPA) is a requirement for AMSA certification. The Australian Maritime Safety Authority (AMSA) mandated practical assessment (AMPA) will cover a range, but not all, of the requirements identified in the Performance Evidence and Knowledge Evidence. The AMPA shall be undertaken in accordance with its instructions.

Assessors of AMPA must hold as a minimum:

- a current certificate of competency issued under Marine Safety (Domestic Commercial Vessel) National Law Act 2012 at the same level as the qualification being assessed with at least 12 months relevant sea service, or
- a relevant seafarer certificate, as master or deck officer, issued under the Navigation Act 2012.

Pre-requisite Unit

Not Applicable

Competency Field

K – Manoeuvring Vessels

Unit Sector

Not Applicable

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

PERFORMANCE CRITERIA

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

1 Handle vessel in normal conditions

- 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 Handle vessel in adverse weather conditions

- 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 Handle vessel in emergencies

- 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 action 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>