



**Australian Government**

# **MARK008 Manoeuvre a vessel up to 24 metres within Near Coastal waters**

**Release: 1**

# MARK008 Manoeuvre a vessel up to 24 metres within Near Coastal waters

## 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 of up to 24 m in length within Near Coastal (NC) waters.

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

- master on commercial vessels <24 m in length within the exclusive economic zone (EEZ) or
- chief mate or deck watchkeeper on vessels <35 m in length within the EEZ or
- chief mate or deck watchkeeper on vessels <80 m in length in inshore waters; and
- master on commercial vessels <24 m in length in inland waters.

## 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 Master (Inland waters) and Master <24 m 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.

#### 1 Manoeuvre vessel in normal conditions

### 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 safe 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 Appropriate alterations to vessel heading are made in response to operational environment
  - 1.7 Safe operating limits of propulsion and steering equipment are not exceeded
- 2.1 Nature of adverse weather conditions is identified and the potential impact on the manoeuvrability of the vessel is determined
  - 2.2 Appropriate action is taken to ensure the safety of vessel
  - 2.3 Propulsion equipment is used and monitored to assist in completing actions safely
  - 2.4 Heading is maintained within acceptable limits

#### 2 Manoeuvre vessel in adverse weather conditions

- 2.5** Appropriate allowance is made for effects of deadweight, draft, trim, speed and underwater keel clearances during turning circles and stopping distance
  - 2.6** Safe operating limits of propulsion and steering equipment are not exceeded
  - 2.7** Situational awareness is maintained at all times to review actions and ensure safety of vessel
- 3 Manoeuvre vessel in emergencies**
  - 3.1** Nature of the emergency is established and required action is determined
  - 3.2** Risks to the vessel and the 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 actions 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 safely made 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 MARK002 Manoeuvre a vessel up to 24 metres within near coastal waters.

## Links

Companion Volume implementation guides are found in VETNet -

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