



**Australian Government**

# **MARB046 Plan and supervise routine maintenance on a vessel up to 80 metres**

**Release: 1**

# MARB046 Plan and supervise routine maintenance on a vessel up to 80 metres

## 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 implement a maintenance program for a vessel less than 80 metres.

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

- Master of commercial vessels less than 35 metres in length within the exclusive economic zone (EEZ)
- Master of vessels less than 80 metres in length in inshore waters
- Chief Mate or Deck Watchkeeper on vessels less than 80 metres in length within the 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 Master less than 35 metres Near Coastal and Mate less than 80 metres Near Coastal, as defined in the National Standard for Commercial Vessels (NSCV) Part D.

## Pre-requisite Unit

Not applicable.

## Competency Field

B – Equipment Checking and Maintenance

## Unit Sector

Not applicable.

## Elements and Performance Criteria

### ELEMENTS

### PERFORMANCE CRITERIA

Elements describe the essential Performance criteria describe the performance needed to

outcomes.	demonstrate achievement of the element.
<b>1 Develop maintenance program</b>	<b>1.1</b> Planned maintenance system is accessed to establish maintenance requirements for vessel
	<b>1.2</b> Maintenance program for vessel is developed to meet requirements of planned maintenance system
	<b>1.3</b> Maintenance schedules and budgets are identified
	<b>1.4</b> Suggestions that support effective implementation of maintenance program are offered according to organisational procedures
	<b>1.5</b> Strategies to minimise impact of maintenance activities on vessel operations are identified
<b>2 Implement maintenance program</b>	<b>2.1</b> Routine maintenance activities are proposed and prioritised in conjunction with others involved in or affected by maintenance work
	<b>2.2</b> Routine maintenance activities are allocated within scheduled timeframes and budgets according to organisational procedures
	<b>2.3</b> Vessel operations are maintained, where possible, without interruption
	<b>2.4</b> Safety of crew is maintained at all times according to relevant legislation and organisational procedures
	<b>2.5</b> Requests for assistance from crew to complete maintenance activities are responded to promptly
<b>3 Identify failed or unsafe machinery and equipment</b>	<b>3.1</b> Faulty machinery and equipment are identified and clear and noticeable warning signs are erected according to organisational procedures
	<b>3.2</b> Failed or unsafe machinery and equipment are assessed according to organisational procedures
	<b>3.3</b> Repairs are allocated to appropriate crew members according to organisational procedures
	<b>3.4</b> Unsafe machinery and equipment which cannot be repaired are promptly tagged and isolated according to organisational procedures
	<b>3.5</b> Unsafe machinery and equipment are promptly reported according to organisational procedures

- 3.6** Reports on all repair work undertaken are completed according to organisational procedures
- 4 Monitor supplies**
- 4.1** Supply and stock levels are maintained to ensure ongoing availability
- 4.2** Management of supplies is undertaken according to organisational procedures
- 4.3** Supply and stock levels are reconciled and any discrepancies are rectified or reported
- 4.4** Supply records are maintained according to organisational procedures

## 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 MARB010 Plan and supervise routine maintenance on a vessel up to 80 metres.

## Links

Companion Volume implementation guide can be found in VetNet -

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