



Australian Government

MARB061 Plan and supervise routine maintenance on a vessel up to 100 metres

Release: 1

MARB061 Plan and supervise routine maintenance on a vessel up to 100 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 100 metres.

This unit applies to people working in the maritime industry in the capacity of Master of commercial vessels up to 45 metres Near Coastal.

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 up to 45 metres Near Coastal as specified in Marine Order 505.

Seafarers seeking certification should check with AMSA.

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 outcomes.

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

1 Develop maintenance

1.1 Planned maintenance system is accessed to establish

program		maintenance requirements for vessel
	1.2	Maintenance program for vessel is developed to meet requirements of planned maintenance system
	1.3	Maintenance schedules and budgets are identified
	1.4	Suggestions that support effective implementation of maintenance program are offered according to organisational procedures
	1.5	Strategies to minimise impact of maintenance activities on vessel operations are identified
2 Implement maintenance program	2.1	Routine maintenance activities are proposed and prioritised in conjunction with others involved in or affected by maintenance work
	2.2	Routine maintenance activities are allocated within scheduled timeframes and budgets according to organisational procedures
	2.3	Vessel operations are maintained, where possible, without interruption
	2.4	Safety of crew is maintained at all times according to relevant legislation and organisational procedures
	2.5	Requests for assistance from crew to complete maintenance activities are responded to promptly
3 Identify failed or unsafe machinery and equipment	3.1	Faulty machinery and equipment are identified and clear and noticeable warning signs are erected according to organisational procedures
	3.2	Failed or unsafe machinery and equipment are assessed according to organisational procedures
	3.3	Repairs are allocated to appropriate crew members according to organisational procedures
	3.4	Unsafe machinery and equipment which cannot be repaired are promptly tagged and isolated according to organisational procedures
	3.5	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 MARB046 Plan and supervise routine maintenance on a vessel up to 80 metres.

Links

Companion Volume Implementation Guides are found in VETNet -

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