



**Australian Government**

# **MAR40413 Certificate IV in Maritime Operations (Marine Surveying)**

**Release 1**

# MAR40413 Certificate IV in Maritime Operations (Marine Surveying)

## Modification History

Release 1	This is the first release of this qualification in the MAR13 Maritime Training Package.
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## Description

This qualification is suitable for people working in the maritime industry as a domestic commercial vessel surveyor assistant.

## Pathways Information

### Pathways into the qualification

MAR30613 Certificate III in Maritime Operations (Marine Surveying)

### Pathways from the qualification

MAR50513 Diploma of Maritime Operations (Marine Surveying)

## Licensing/Regulatory Information

This qualification is currently cited as meeting some of the requirements for accreditation as a statutory marine surveyor of domestic commercial vessels by the Australian Maritime Safety Authority (AMSA).

Certification will require achievement of the MAR40413 Certificate IV in Maritime Operations (Marine Surveying) and other requirements; people seeking certification should check with AMSA.

## Entry Requirements

There are no entry requirements for this qualification.

## Employability Skills Summary

The following table contains a summary of the employability skills as identified by the maritime industry for this qualification. This table should be interpreted in conjunction with the detailed requirements of each unit of competency packaged in this qualification. The outcomes described here are broad industry requirements that may vary depending on packaging options.

Employability Skill	Industry/enterprise requirements for this qualification include:
Communication	Communicate effectively verbally and in writing Read and interpret instructions and procedures related to environmental considerations Write reports using appropriate formats
Teamwork	Seek input from surveyors, SMS specialists and technical advisors when required Work safely and collaboratively with others when surveying environmental considerations Work under supervision of a marine surveyor
Problem-solving	Detect faults in machinery, confirm with surveyor and document agreed actions to rectify issues in survey report Identify problems and arrange appropriate corrective action Recognise pollution control problems and hazards that may occur on a commercial vessel and take appropriate mitigating action
Initiative and enterprise	Accept and act on feedback Provide ideas to control the level of risk associated with work tasks Use critical analysis, evaluation and deductive reasoning
Planning and organising	Develop survey plan and agree with relevant personnel about survey schedule Identify, document and action areas for improvement Sequence tasks and meet timelines
Self-management	Build relationships with stakeholders (internal and external to organisation) Identify threats to survival and outline treatment options Maintain housekeeping standards in work area
Learning	Participate in abandon vessel drills

	<p>Provide coaching in effective communication to colleagues and clients as required</p> <p>Undertake participation in fire drills and musters to ensure readiness for fire emergencies</p>
Technology	<p>Identify storage and security of information, and store and file records according to organisational and regulatory requirements</p> <p>Use a range of software and office equipment to access internal and external SMS information and data</p> <p>Use computers for word processing and manipulation of statistical data</p>

## Packaging Rules

**Total number of units = 14 units**

14 core units

Core units			
Field			
<b>F</b>	<b>Operational Quality and Safety</b>	MARF1001A	Apply basic survival skills in the event of vessel abandonment
		MARF1002A	Follow procedures to minimise and fight fires on board a vessel
		MARF1005A	Meet work health and safety requirements
<b>M</b>	<b>Marine Surveying</b>	MARM3002A	Apply vessel construction theory to marine survey tasks
		MARM4001A	Assess compliance with marine environment protection requirements
		MARM4002A	Assist in the survey of commercial vessels
		MARM4003A	Assist in the survey of vessel mechanical features
		MARM4004A	Evaluate vessel stability
		MARM4005A	Implement a systematic approach to the audit of safety management systems
		MARM4006A	Survey lifesaving appliances, fire and other safety systems

	<b>Imported</b>	CHCCOM403A	Use targeted communication skills to build relationships
		PSPGOV417A	Identify and treat risks
		PSPGOV421A	Exercise delegations
		PSPREG401C	Exercise regulatory powers

## Custom Content Section

Not applicable.