



Australian Government

MAR50413 Diploma of Maritime Operations (Master up to 500 GT or Master 80 metres)

Release 1

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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 who work in the maritime industry as a Master, Chief Mate or Watchkeeper Deck on ships of less than 500 gross tonnage (GT) in any operating area, or as Master or Chief Mate of vessels less than 3000 GT operating in near coastal waters.

Pathways Information

Pathways into the qualification

MAR40313 Certificate IV in Maritime Operations (Master up to 35 metres)

MAR50313 Diploma of Maritime Operations (Watchkeeper Deck)

Pathways from the qualification

Not applicable

Licensing/Regulatory Information

This qualification is currently cited as meeting some of the requirements for certification as a Master Class 3 as described in Part D of the National Standard for Commercial Vessels (NSCV) by the Australian Maritime Safety Authority (AMSA) and as a Master <500 GT as described in Marine Order 3.

Certification will require achievement of the MAR50413 Diploma of Maritime Operations (Master up to 500 GT or Master 80 metres) 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	Analyse and compile operational and voyage data, and prepare reports Conduct management meetings Use interpersonal skills and communication techniques to facilitate open communication within crew, ensure understanding and encourage accurate exchange of information
Teamwork	Establish and develop dynamic groups and teams on board a vessel Provide leadership to officers and crew Use consultative and participative decision making in implementing and reviewing the work of the crew and the distribution of responsibilities
Problem-solving	Negotiate solutions to conflict using appropriate mediation and conflict resolution techniques Recognise routine problems that may occur when controlling safe access to and on a vessel and take appropriate action Take action to ensure fatigue management strategies are correctly applied by bridge management team
Initiative and enterprise	Improvise treatment and associated resources Recognise situations warranting alterations to bridge team, including situations where vessel is under pilotage Vary leadership and guidance strategies to meet changing priorities and situations, taking into account the differing needs and skills of individuals and the requirements of the tasks
Planning and organising	Develop and implement vessel safety management system Monitor and control vessel expenditure Plan, implement and monitor goals and performance requirements for vessel operations and emergencies
Self-management	Appropriately challenge and respond to questionable decisions and/or actions Clarify own scope of authority/responsibility for achieving specific

	environmental outcomes for the vessel and the roles of other key personnel Evaluate effectiveness of decisions to improve future decision making
Learning	Assess and confirm crew member competencies, and assign duties to crew according to crew competencies and capabilities Organise training evaluation processes Provide learning and development activities
Technology	Conduct atmospheric assessments with oxygen meter and gas detecting equipment File required records and store according to organisational procedures Maintain charts and publications by applying up-to-date corrections to both paper and electronic charts and publications

Packaging Rules

Total number of units = 28 units

28 core units

Core units			
Field			
A	Handling Cargo and Vessel Stability	MARA3001A	Contribute to safe cargo operations on liquefied gas tankers
		MARA3002A	Contribute to safe cargo operations on oil and chemical tankers
		MARA5001A	Maintain vessel stability
		MARA5002A	Monitor loading, unloading and stowage of cargo
D	Administration and Human Resources	MARD5001A	Manage business and administration on vessels limited by tonnage or near coastal operations
		MARD5002A	Manage operations and maintenance on vessels limited by tonnage or near coastal operations
F	Operational Quality and Safety	MARF1003A	Follow vessel security procedures
		MARF3002A	Observe personal safety and social responsibility

		MARF3004A	Operate survival craft and other lifesaving appliances
		MARF3005A	Prevent and fight fires on board a vessel
		MARF3006A	Survive at sea in the event of vessel abandonment
		MARF3007A	Work safely in confined spaces on a vessel
		MARF4001A	Manage firefighting and fire prevention activities on board a vessel
		MARF5001A	Control safe access to and on vessel
		MARF5002A	Provide medical first aid on board a vessel
		MARF5003A	Respond to emergencies
G	Teamwork	MARG5001A	Provide leadership to crew
H	Navigation	MARH5001A	Apply command navigation procedures on vessels limited by tonnage or near coastal operations
		MARH5002A	Plan and conduct a passage
		MARH5003A	Use an electronic chart display and information system to navigate safely
		MARH5004A	Use bridge equipment to determine vessel position
J	Environment	MARJ5001A	Ensure compliance with environmental management legislation
		MARJ5002A	Inspect and report defects and damage to vessel
K	Manoeuvring Vessels	MARK5001A	Perform basic vessel manoeuvres
N	Seamanship	MARN5001A	Maintain seaworthiness of a vessel
O	Watchkeeping	MARO5001A	Maintain a safe navigational watch
		MARO5002A	Transmit and receive information by the Global Maritime Distress and Safety System
		MARO5003A	Transmit and receive information by visual

			signalling
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Custom Content Section

Not applicable.