Australian Government

MAR60213 Advanced Diploma of Maritime Operations (Master Unlimited)

Release 1

INDUSTRY
SKILLS
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MAR60213 Advanced Diploma of Maritime Operations (Master Unlimited)

Modification History

Release 1	This is the first release of this qualification in the MAR13 Maritime Training Package.
	This qualification replaces TDM60407 Advanced Diploma of Transport Distribution (Maritime Operations - Master Unlimited).

Description

This qualification is suitable for people who work as a Master in the maritime industry on ships of any gross tonnage in any operating area.

Pathways Information

Pathways into the qualification
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 (Unlimited) as described in Marine Orders Part 3: Seagoing Qualifications under the Navigation Act 2012 by the Australian Maritime Safety Authority (AMSA).
Certification will require achievement of the MAR60213 Advanced Diploma of Maritime Operations (Master Unlimited) 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	Complete documentation and reporting requirements on matters related to the development of emergency and damage control plans Interpret information relevant to legislative requirements to ensure the security and safety of life of crew, passengers and others at sea Maintain documentation related to legislative requirements
Teamwork	Apply team-building strategies to achieve strengthened crew and individual commitment to organisational vision and goals Coordinate crew in search and rescue operations Develop search and rescue strategy based on all available information and after consultation with others in the established chain of command
Problem-solving	Apply decision-making techniques including situation and risk assessment, identifying and generating options, selecting a course of action and evaluating outcome effectiveness Identify and solve problems that may arise during search and rescue operations, report problems and issues, and take appropriate action based on available information Promote use of problem-solving strategies and techniques to identify and generate options
Initiative and enterprise	Analyse potential collision situations and take appropriate action in ample time according to regulatory requirements Take appropriate action where noncompliance is identified Take appropriate initiative for search and rescue operations
Planning and organising	Define and document responsibilities in job descriptions for applying the environmental management plan and duty statements Develop operational plan in consultation with relevant personnel Develop security risk management plans
Self-management	Clearly define own responsibility for the safety of navigation at all times including periods when the Master is on the bridge and while under

	pilotage
	Convey a calm, confident and reassuring personal attitude
	Provide leadership to crew and individuals
Learning	Conduct relevant training to facilitate compliance
	Identify and assess training needs of crew and individuals on a regular basis according to organisational procedures
	Provide training on the environmental management plan procedures and practices
Technology	Conduct performance checks of navigation position fixing instruments and systems
	Select and use shipboard instruments to assist in forecasting weather and oceanographic conditions
	Use technology to store and retrieve information

Packaging Rules

Total number of units = 26 units
26 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
		MARA6001A	Manage stability of a vessel 500 gross tonnage or more
B	**Equipment Checking and Maintenance**	MARB6001A	Manage repairs and maintenance of a vessel of 500 gross tonnage or more
D	**Administration and Human Resources**	MARD6001A	Manage legal requirements of a vessel
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
		MARF6001A	Coordinate search and rescue operations
		MARF6002A	Manage provision of medical care on board a vessel
		MARF6003A	Manage safety and security of vessel crew and passengers
G	**Teamwork**	MARG6001A	Manage a vessel and its crew
H	**Navigation**	MARH5003A	Use an electronic chart display and information system to navigate safely
		MARH5004A	Use bridge equipment to determine vessel position
		MARH6001A	Forecast weather and oceanographic conditions to plan a safe passage
		MARH6002A	Manage the navigation of a vessel 500 gross tonnage or more
J	**Environment**	MARJ6001A	Manage compliance with environmental management legislation
K	**Manoeuvring Vessels**	MARK6001A	Manoeuvre a vessel 500 gross tonnage or more
N	**Seamanship**	MARN6001A	Manage cargo operations
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

Custom Content Section

Not applicable.

Transport & Logistics Industry Skills Council