



**Australian Government**

# **MAR40113 Certificate IV in Maritime Operations (Chief Integrated Rating)**

**Release 1**

# MAR40113 Certificate IV in Maritime Operations (Chief Integrated Rating)

## 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 the maritime industry in charge of the Integrated Ratings on a ship and is responsible for implementing the planned maintenance system and maintaining relevant stores.

## Pathways Information

### Pathways into the qualification

MAR30113 Certificate III in Maritime Operations (Integrated Rating)

### Pathways from the qualification

MAR50213 Diploma of Maritime Operations (Engineer Watchkeeper)

MAR50313 Diploma of Maritime Operations (Watchkeeper Deck)

## Licensing/Regulatory Information

This qualification is currently cited as meeting some of the requirements for certification as a Chief Integrated Rating as described in Marine Orders Part 3: Seagoing Qualifications under the Australian Navigation Act 2012 by the Australian Maritime Safety Authority (AMSA). Certification will require achievement of the MAR40113 Certificate IV in Maritime Operations (Chief Integrated Rating), sea-service, a valid first aid certificate and completion of a task record book; people seeking certification should check the requirements with AMSA.

## Entry Requirements

There are no entry requirements for this qualification.

## Employability Skills Summary

<p>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.</p>	
<b>Employability Skill</b>	<b>Industry/enterprise requirements for this qualification include:</b>
Communication	<p>Effectively communicate ideas and information to crew</p> <p>Maintain communications with others to facilitate emergency response process</p> <p>Present reports</p>
Teamwork	<p>Carry out effective and appropriate information provision with management</p> <p>Communicate priority of tasks to crew or individuals</p> <p>Discuss workload with crew or individuals on a regular basis</p>
Problem-solving	<p>Adjust scheduling to meet contingencies</p> <p>Initiate appropriate action and provide solutions to problems with firefighting equipment and operations during a fire emergency</p> <p>Make recommendations for prevention or correction of problems in order to achieve established standards</p>
Initiative and enterprise	<p>Assist with recovery from emergency or incident</p> <p>Research information related to inventory including the relevant technical, regulatory, environmental and safety requirements</p> <p>Select and use relevant tools, equipment and materials according to instructions</p>
Planning and organising	<p>Develop continuous improvement strategies</p> <p>Establish and monitor performance targets for maintenance teams within performance planning and appraisal processes</p> <p>Prepare contingency plans</p>
Self-management	<p>Perform allocated duties for emergency situations according to organisational procedures</p> <p>Provide instruction to achieve the required standard</p> <p>Provide leadership to crew</p>

Learning	<p>Organise abandon vessel drills</p> <p>Prepare, practise and debrief training exercises according to regulatory and organisational requirements, to ensure readiness for any fire emergency</p> <p>Provide mentoring, training and assessment where required, to develop and enhance crew or individual skills and knowledge in line with work role requirements</p>
Technology	<p>Operate radio equipment</p> <p>Select and use emergency and distress alerting systems</p> <p>Use navigational equipment to steer a steady course</p>

## Packaging Rules

**Total number of units = 22 units**

22 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
B	Equipment Checking and Maintenance	MARB3002A	Perform routine engine maintenance on a vessel
		MARB3003A	Perform routine maintenance and repairs on a vessel
		MARB4002A	Implement vessel planned maintenance system
		MARB4004A	Manage stores for planned maintenance system
C	Equipment Operations	MARC3006A	Operate deck machinery, cargo handling gear and equipment on a vessel
		MARC3008A	Operate engine equipment and associated propulsion plant
F	Operational Quality and Safety	MARF3001A	Assist in an emergency response
		MARF3002A	Observe personal safety and social

			responsibility
		MARF3003A	Operate emergency equipment and apply emergency procedures
		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
<b>G</b>	<b>Teamwork</b>	MARG4003A	Supervise a crew
<b>J</b>	<b>Environment</b>	MARJ2001A	Follow environmental work practices
<b>K</b>	<b>Manoeuvring Vessels</b>	MARK3002A	Steer a vessel under direction of the Master
<b>N</b>	<b>Seamanship</b>	MARN3002A	Use seamanship skills on board a vessel
<b>O</b>	<b>Watchkeeping</b>	MARO3001A	Contribute to monitoring and controlling a safe engine watch
		MARO3002A	Contribute to monitoring and controlling a safe navigational watch

## Custom Content Section

Not applicable.