Australian Government

MAR50320 Diploma of Maritime Operations

Release 2

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Modification History

Release 2. This is the second release of this qualification in the MAR Maritime Training Package with minor change to licensing and regulatory information.

Release 1. This is the first release of this qualification in the MAR Maritime Training Package.

Qualification Description

This qualification is suitable for people working in the maritime industry seeking an Australian Maritime Safety Authority (AMSA) certification in the capacity of:

- Master less than 24 metres (foreign going)
- Chief Mate less than 3000 gross tonnage (GT)
- Master of commercial vessel less than 500 gross tonnage (GT)
- Mate less than 500 gross tonnage (GT)
- Master less than 100 metres Near Coastal
- Waterkeeper Deck
- Watchkeeper Deck less than 3000 gross tonnage (GT)

Please note: RTO to insert on the testamur the job role and specialisation, if applicable, selected from the group choice below

Licensing/Regulatory Information

Legislative and regulatory requirements are applicable to this qualification:

- This qualification is currently cited as meeting some of the requirements for certification by AMSA as a Master less than 100 metres Near Coastal as defined in Marine Order 505 (Certificates of competency – National law) 2022.
- This qualification is currently cited as meeting some of the requirements for certification by AMSA as a Master of a commercial vessel less than 500 gross tonnage (GT) or Watchkeeper Deck as defined in Marine Orders and the International Convention on Standards of Training Certification and Watchkeeping for Seafarers (STCW).

This qualification is required to obtain an AMSA certificate of competency as a Master less than 100 metres Near Coastal as defined in Marine Order 505 (Certificates of competency – National law) 2022.

AMSA certification of competency will require:

- completing an approved program of study that meets Master less than 100 metres course at Diploma level (MAR50320 Diploma of Maritime Operations - Master less than 100 metres Near Coastal)
- holding or have held certificates of competency as defined in Marine Order 505.
- holding a Marine Radio Operators certificate of proficiency as defined in Marine Order 505
- qualifying sea service as defined in Marine Order 505.

- meeting the medical and eyesight requirements specified in Marine Order 505
- having passed a final AMSA assessment
- meeting any other regulatory requirements as defined in Marine Order 505.

This qualification is required to obtain an AMSA certificate of competency as a Master of a commercial vessel less than 500 GT as defined in Marine Orders and STCW.

AMSA certification of competency will require:

- completing an approved program of study that meets regulations STCW A-II/1 and A-II/2 (MAR50320 Diploma of Maritime Operations - Masters less than 500 GT)
- holding or have held certificates of competency as defined in Marine Order 71
- qualifying sea service as defined in Marine Order 71
- completing STCW short courses as defined in Marine Order 71
- holding a valid AMSA certificate of medical fitness
- having passed a final AMSA assessment
- meeting any other regulatory requirements as defined in Marine Order 71.

This qualification is required to obtain an AMSA certificate of competency as a Watchkeeper Deck as defined in Marine Orders and STCW.

AMSA certification of competency will require:

- completing an approved program of study that meets regulation STCW A-II/I (MAR50320 Diploma of Maritime Operations - Watchkeeper Deck)
- holding or have held certificates of competency as defined in Marine Order 71
- qualifying sea service as defined in Marine Order 71
- completing STCW short courses as defined in Marine Order 71
- holding a valid AMSA certificate of medical fitness
- having passed a final AMSA assessment
- meeting any other regulatory requirements as defined in Marine Order 71.

Seafarers seeking certification should check requirements with AMSA.

Entry Requirements

There are no entry requirements for this qualification.

Packaging Rules

Total number of units

- **Master less than 100 metres Near Coastal** = 22 units: 19 core units, plus all units from Group C
- **Master less than 500 GT** = 26 units: 19 core units, plus all units from Group B
- **Watchkeeper Deck** = 22 units: 19 core units, plus all units from Group A

AMSA specialisation

- **Master less than 100 metres Near Coastal Specialist** = 24 units: 19 core units, plus all

units from Group C, plus 2 units from Group D

- **Master less than 500 gross tonnage (GT) Specialist** = 28 units: 19 core units, plus all units from Group B, plus 2 units from Group D
- **Watchkeeper Deck Specialist** = 24 units: 19 core units, plus all units from Group A, plus 2 units from Group D

Core units

Navigation at the operational level

MARH022	Plan and conduct a passage and determine position
MARH023	Use of electronic chart display and information system (ECDIS) to maintain the safety of navigation
MARH024	Use of radar and other bridge equipment to maintain safety of navigation
MARK011	Manoeuvre the ship
MARO009	Maintain a safe navigational watch
MARO012	Transmit and receive information by visual signalling

Cargo handling and stowage at the operational level

| MARA025 | Monitor, loading, unloading, securing and stowage of cargo |
| MARN011 | Maintain seaworthiness of the ship (ship construction) |

Controlling the operation of the ship and care for persons on board at the operational level

HLTAID011	Provide First Aid
MARA017	Maintain seaworthiness of the ship (ship stability)
MARF031	Apply leadership and team working capability
MARF035	Contribute to fire prevention and firefighting (basic firefighting)
MARF037	Follow vessel security procedures (security awareness training)
MARF041	Observe personal safety and social responsibility (PSSR)
MARF044	Prevent, control and fight fires on board a vessel (advanced firefighting)
MARF046	Survive at sea in the event of vessel abandonment and personal survival techniques (PST)
MARF047	Monitor compliance with legislative requirements
MARJ008	Ensure compliance with pollution prevention requirements

RIIWHS202E   Enter and work in confined spaces

Group A: Watchkeeper Deck

Controlling the operations of the ship and care for persons on board at the operational level

MARF032   Apply medical first aid on board ship

MARF043   Operate survival craft, rescue boats and lifesaving appliances (proficiency in survival craft)

MARO011   Transmit and receive information by the Global Maritime Distress and Safety System (GMDSS)

Group B: Master less than 500 GT

Controlling of the operations of the ship and care for persons on board at the operational level

MARD006   Monitor and control compliance with legislative requirements

MARF032   Apply medical first aid on board ship

MARF038   Manage provision of medical care on board a vessel

MARF043   Operate survival craft, rescue boats and lifesaving appliances (proficiency in survival craft)

MARG008   Manage a vessel and its crew

MARK010   Manoeuvre and handle a ship in all conditions

MARO011   Transmit and receive information by the Global Maritime Distress and Safety System (GMDSS)

Group C: Master less than 100 metres Near Coastal

Controlling the operation of the ship

MARD004   Manage business and administration on vessels limited by tonnage or near coastal operations

MARD005   Manage operations and maintenance on vessels limited by tonnage or near coastal operations

MARH018   Apply command navigation procedures on vessels limited by tonnage or near coastal operations

Group D: Specialist electives

MARA011   Contribute to basic operations of ships in polar waters

MARA014	Contribute to basic operations of a ship subject to IGF Code
MARA018	Manage advanced chemical tanker cargo operations
MARA019	Manage advanced liquefied gas tanker cargo operations
MARA020	Manage advanced oil tanker cargo operations
MARA021	Manage advanced operations of a ship subject to IGF Code
MARB050	Adjust a magnetic compass
MARB051	Apply elements of magnetic compass adjusting
MARB052	Apply knowledge of the principles of magnetic compass adjusting
MARC056	Operate roll-on and roll-off machinery and equipment on board a vessel
MARF034	Carry out fast rescue craft operations
MARF040	Manage ship security (Ship Security Officer)
MARF048	Plan marine towage operations
MARH025	Apply knowledge of dynamic positioning fundamentals
MARH026	Apply knowledge of dynamic positioning operations
MARH027	Apply knowledge of dynamic positioning systems
MARH028	Conduct dynamic positioning operations
MARH029	Perform marine towage operations
MARN012	Manage advanced operations of ships in polar waters
MARN017	Assist with marine towage operations

Qualification Mapping Information

This qualification replaces and is equivalent to MAR50220 Diploma of Maritime Operations.

Links

Companion Volume Implementation Guides are found in VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=772efb7b-4cce-47fe-9bbd-ee3b1d1eb4c2