



Australian Government

MAR60220 Advanced Diploma of Maritime Operations (Master Unlimited)

Release 1

MAR60220 Advanced Diploma of Maritime Operations (Master Unlimited)

Modification History

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 in the maritime industry on ships of any gross tonnage (GT) in any operating area
- Master less than 3000 gross tonnage (GT)
- Chief Mate 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 Unlimited 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 Unlimited 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 (MAR60220 Advanced Diploma of Maritime Operations (Master Unlimited))
- 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 Unlimited** = 26 core units

AMSA specialisation

- **Master Unlimited Specialist** = 29 units: 26 core units, plus 3 specialist units.

Core units

Navigation at the management level

MARC055	Operate remote controls of propulsion plant, engineering systems and services
MARF036	Coordinate search and rescue operations
MARF039	Manage safety and security of vessel, crew and passengers
MARH020	Forecast weather and oceanographic conditions to plan a safe passage
MARH021	Manage the navigation of a vessel
MARH023	Use of electronic chart display and information system to maintain the safety of navigation (ECDIS)
MARH024	Use of radar and other bridge equipment to maintain safety of navigation
MARK010	Manoeuvre and handle a ship in all conditions
MARO009	Maintain a safe navigational watch

Cargo handling and stowage at the management level

MARB042	Manage reported defects, damage, repairs and maintenance of a vessel
MARN014	Plan and manage safe loading, unloading, securing and stowage of cargo

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

HLTAID011	Provide first aid
-----------	-------------------

MARA023	Manage trim, stability and stress of a vessel
MARD006	Monitor and control compliance with legislative requirements
MARF032	Apply medical first aid on board ship
MARF035	Contribute to fire prevention and firefighting (basic firefighting)
MARF037	Follow vessel security procedures (security awareness training)
MARF038	Manage provision of medical care on board a vessel
MARF041	Observe personal safety and social responsibility (PSSR)
MARF043	Operate survival craft, rescue boats and life-saving appliances (proficiency in survival craft)
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)
MARG008	Manage a vessel and its crew
MARO011	Transmit and receive information by the Global Maritime Distress and Safety System (GMDSS)
MARO012	Transmit and receive information by visual signalling
RIIWHS202E	Enter and work in a confined space

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
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)

MARN012 Manage advanced operations of ships in polar waters

Qualification Mapping Information

This qualification replaces and is equivalent to MAR60315 Advanced Diploma of Maritime Operations (Master Unlimited).

Links

Companion Volume implementation guide can be found in VetNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=772efb7b-4cce-47fe-9bbd-ee3b1d1eb4c2>