



COURSE INFORMATION

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CONTENTS

General Information	4
MARSS00048 Coxswain Grade 3 Skill Set	5
MAR10424 Certificate I in Maritime Operations (Coxswain Grade 2 Near Coastal).....	6
MAR20324 Certificate II in Maritime Operations (Coxswain Grade 1 Near Coastal).....	7
MAR10224 Certificate I in Maritime Operations (General Purpose Hand Near Coastal)	8
MAR20424 Certificate II in Maritime Operations (Marine Engine Driver Grade 3 Near Coastal)	9
MAR30824 Certificate III in Maritime Operations (Marine Engine Driver Grade 2 Near Coastal)	10
MAR40224 Certificate IV in Maritime Operations (Marine Engine Driver Grade 1 Near Coastal).....	11
MAR30924 Certificate III in Maritime Operations (Master up to 24 m Near Coastal)	12
MAR40324 Certificate IV in Maritime Operations (Master up to 45 metres Near Coastal)	13
HLTAID011 Provide First Aid	14
MARC043 - Transmit and receive information by marine radio (LONG RANGE HF)	15
MARC044 - Transmit and receive information by marine VHF radio (SHORT RANGE VHF)	16
MARSS00008 Shipboard Safety Skill Set	17



Message from the CEO

It is with great pleasure that we welcome you to Seafood and Maritime Industries Training (SMIT).

You are entering the first stage of a very demanding and hopefully satisfying career within the Maritime Industry. SMIT has worked hard towards ensuring that training for our students is of a high standard and in line with guidelines and practices. This ongoing development and delivery are vital for our future and the safety and prosperity of our fisheries in the Northern Territory and beyond.

Our highly qualified Training Staff will provide you with the skills necessary for you to properly perform your job. Your attitude and willingness to learn will greatly affect your outcome.

SMIT wants to make your study experience with us worthwhile and beneficial to your future career options in the ever-changing environment that we live in. Studying with us will expose you to a variety of experiences and challenges and our courses will provide you with a mix of theory and practical training. We will work closely with you to ensure you get the most benefit to start or continue in your careers.

We hope each of you accept the responsibility of maintaining the highest ethical and professional standards and that you will apply the skills of modern seafaring practice to your work activities when you have completed your training.

I wish you all well in your future careers.

General

SMIT delivers a range of training programs, both accredited and non-accredited, which we conduct as public courses or customised for clients and industry.

All courses form part of the national MAR Industry Training Package. See www.training.gov.au for complete requirements for each qualification.

An AQF approved Qualification Testamur (Certificate of Completion), or Statement of Attainment will be issued by SMIT only after completion of all units within the qualification.

Before the commencement of your study at SMIT you must consider if you have the required sea time for approval to obtain your final AMSA Certificate of Competency. Also depending on your study, AMSA may also require you to have a certificate of medical fitness (AMSA 1850 form).

You will submit your sea-time application and medical certificate with your AMSA Application after you have completed your Qualification with SMIT and you have obtained all of the prerequisites.

SEA TIME

Please make sure you have the required sea time for the course you are enrolling in.

You can check:
Australian Maritime Safety Authority
www.amsa.gov.au

NAVIGATION

Navigation / Chart work classes are available to all Coxswains and Masters.

Available monthly – just call and book in. There is no extra charge for these classes.

GENERAL INFORMATION

Entry Requirements

It is expected that students will have appropriate language, literacy and numeracy skills to complete the training and assessment requirements. Prior to commencing this course, students will participate in a language, literacy and numeracy (LLN) assessment however, students who can provide evidence of completing an Australian Certificate II or higher-level qualification will not need to sit the test.

SMIT's LLN assessment levels are based on the Australian Core Skills Framework (ACSF) in the skills of:

- Reading
- Learning
- Writing
- Oral Communication
- Numeracy

Training

Distance Learning

All our courses are available via distance learning. Our distance training program offers students the flexibility to study:

- Self-paced and self-directed learning via access to our online learning resources
- Workplace learning activities which is the AMSA approved Task Book which you will complete in the workplace.
- Our Trainers are there to help you and are contactable via phone during office hours.
- Students can book in for 1 week task driven training on our vessel. This will put into practice the knowledge learnt throughout the distance learning and assessment phase of the training.
- At completion or during the distance learning students are able to book in for the practical sessions for, Shipboard safety, First aid, navigation, radio and AMPA. (Please see calendar for your qualification for times and dates)
- Most students are able to complete the written assessment part of the units in approximately 10-12 hours. An example: Coxswain Grade 2 has 8 units so you would need 80 hrs + or - (2 ½ weeks). The practical components will take 1 week at SMIT plus 1 or 2 days if you need a refresher for navigation.

To successfully complete this course, a student must:

- Have access to the internet and the necessary technical skills to navigate the online learning resources. A USB will be supplied if you have no internet. Please see staff.
- Have access to any mobile device with internet connectivity (laptop, desktop, tablet)
- Be a self-directed learner
- Possess sound language and literacy skills

Quick Course Facts:

- Course content is structured for easy comprehension
- Unrestricted access to their Dropbox files. All course material is available online 24/7 and can be accessed using any device
- Study your course online from anywhere in your own time at your own pace

Funding

The Northern Territory Government supports NT students through funding some of our courses. Places are usually limited so you will need to contact us to see if there are any places left.



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What to bring

Closed in shoes, hi-viz wear, water bottle, towel and a change of clothes for Shipboard Safety. Extra pens, pencils and notepads.



Computer Room

SMIT has a modern computer room for students to use. Please feel free to come in any day Monday to Thursday to do your written assessments or to research the internet.

You will have full access to the Trainers when you need help.

MARSS00048 COXSWAIN GRADE 3

SKILL SET

Description

The Coxswain Grade 3 Skill Set provides basic seamanship knowledge and skills (low complexity duties). It allows the holder to operate small domestic commercial vessels <12m in smooth waters or close to shore.

This certificate of competency lets you operate a vessel less than 12 metres for specified purposes in specified waters.

This certificate will allow you to:

1. command, and operate the engines of a vessel <12 m long:
 - (a) carrying no more than 6 persons including crew and master unless the vessel is a tender mentioned in paragraph (d); and
 - (b) if the vessel is carrying passengers — only in daylight hours; and
 - (c) with propulsion power:
 - (i) for an inboard engine — <100 kW; or
 - (ii) for an outboard engine — <250 kW; and
 - (d) if the vessel is a tender that has a parent vessel <EEZ and the tender is capable of communicating with the parent vessel:
 - (i) within 3 n mile of the parent vessel for a person who satisfies eligibility requirement (c) or (e) under Coxswain Grade 3 NC in Schedule 3; and
 - (ii) within 1 n mile of the parent vessel for a person not mentioned in subparagraph (i); and
 - (iii) in line of sight of the parent vessel; and
 - (e) if the vessel is not mentioned in paragraph (d) — in any of the following:
 - (i) a marina;
 - (ii) a mooring area in sight and communication of a marina;
 - (iii) inland waters;
 - (iv) smooth waters;
 - (v) waters within 1 n mile of shore;
 - (vi) waters:
 - (A) of an aquaculture lease approved by a State or Territory; or
 - (B) approved by a State or Territory for daily transit to and from an aquaculture lease; or
 - (C) within 1 n mile of a State or Territory approved aquaculture lease;
 - (vii) waters within 250 m of a structure fixed to the shore.

2. command and operate the engines of a vessel <12 m long:
 - (a) that is used only for towing people; and
 - (b) with propulsion power for an inboard or outboard engine of < 500 kW; and
 - (c) in waters approved as a water ski area by a State or Territory authority; and
 - (d) in daylight hours only.

Eligibility

Coxswain grade 3 near coastal is a domestic certificate of competency issued under Marine Order 505.

To be eligible for a Coxswain grade 3 near coastal certificate you must:

- Be at least 16 years old on the certificate issue date
- Be able to speak and understand English, including written documents
- Be medically fit for the duties, including eyesight
- Gain any needed sea service
- Complete any needed on-water practical tasks
- Hold a licence, issued by a State or Territory, to operate a recreational vessel; at least 1 day qualifying sea service on a commercial vessel; a declaration on the approved form

Summary of occupation

The Coxswain Grade 3 Skill Set provides basic seamanship knowledge and skills (low complexity duties). It allows the holder to operate small domestic commercial vessels <12m in smooth waters or close to shore.

Units

HLTAID011	Provide First Aid
	Comply with regulations to ensure safe operation of a vessel up to 12 metres
MARI003	Handle a vessel up to 12 metres
MARK007	Apply seamanship skills aboard a vessel up to 12 metres

Course Duration

- Distance – 4 units @ 6-8 hours per unit

MAR10424 CERTIFICATE I IN MARITIME OPERATIONS (COXSWAIN GRADE 2 NEAR COASTAL)

Qualification Description

This qualification applies to people working in the maritime industry seeking an Australian Maritime Safety Authority (AMSA) certificate of competency to command and operate the engines of a vessel.

Command and operate the engines of a vessel:

- <12 m in length
- With propulsion power that is unlimited for an outboard engine or <100 kW for an inboard engine
- That is not carrying passengers
- That is in sheltered waters or within 5 nautical miles (nm) from point of departure, shore base or aquaculture lease

Command and operate the engines of a vessel:

- As a tender or auxiliary vessel within 3 nm of a parent vessel within the exclusive economic zone (EEZ)
- With propulsion power that is unlimited for an outboard engine or <100 kW for an inboard engine that is not carrying passengers.

Licensing/Regulatory Information

This qualification is required to obtain an AMSA certificate of competency as a Coxswain Grade 1 NC as defined in Marine Order 505.

AMSA certification of competency will require achievement of:

- MAR10424 Certificate I in Maritime Operations (Coxswain Grade 2 Near Coastal)
- Meeting the medical and eyesight requirements specified in Marine Order 505
- Pass Assessment by an AMSA approved assessor using the AMSA mandated practical assessment (AMPA) conducted on a vessel ≥ 5.0 m in length.
- Sea Service – you must have completed either:
 - 10 days qualifying sea service on a vessel with a completed AMSA task book. Task book can be purchased at SMIT.
 - 50 days qualifying sea service on a vessel without an AMSA task book.

Summary of occupation

A coxswain commands and navigates a commercial vessel under 12 metres in length, operating within the limits of sheltered and inshore waters, that is, in waters within 5 nautical miles from the coast.

As master of a small fishing or trading vessel, they are responsible for supervising other crew and passengers.

They are also expected to lead a crew and make decisions under pressure, such as taking appropriate actions in an emergency.

Other tasks for a coxswain include maintaining the operations of engines (less than 100 kW), updating vessel logbooks, assisting in mooring and unmooring vessels and keeping watch.

Commercial vessels under the command of a coxswain can include passenger vessels, charter vessels, water taxis, tourist craft, and fishing vessels.

Units

HLTAID011	Provide First Aid
MARC037	Operate inboard and outboard motors
MARF028	Follow procedures to minimise and fight fires on board a vessel
MARF029	Meet work health and safety requirements
MARF060	Apply basic survival skills in the event of vessel abandonment
MARI003	Comply with regulations to ensure safe operation of a vessel up to 12 metres
MARJ006	Follow environmental work practices
MARK007	Handle a vessel up to 12 metres
MARN008	Apply seamanship skills aboard a vessel up to 12 metres

Radio

You are required to have a VHF Radio License (Short Range Operators Certificate of Proficiency) if the vessel that you are working on has a VHF marine radio installed.

Course Duration

- Distance – 8 units @ 10-12 hours per unit
- Practical components:
 - Shipboard Safety, First Aid, AMPA



MAR20324 CERTIFICATE II IN MARITIME OPERATIONS (COXSWAIN GRADE 1 NEAR COASTAL)

Qualification Description

This qualification applies to people working in the maritime industry seeking an Australian Maritime Safety Authority (AMSA) certificate of competency to command and operate the engines of a vessel:

1. command, and operate the engines, of a vessel <12 m long:
 - (a) in inshore waters, or in waters designated for a specific purpose by a State or Territory authority in which it permits holders of this certificate to operate, subject to any conditions that it may impose; and
 - (b) with propulsion power:
 - (i) for an inboard engine — <500 kW; or
 - (ii) for an outboard engine — unlimited
2. command, and operate the engines, of the vessel <12 m long:
 - (a) as a tender within 3 n mile of the parent vessel <EEZ; and
 - (b) with propulsion power:
 - (i) for an inboard engine — <500 kW; or
 - (ii) for an outboard engine — unlimited
3. act as chief mate or deck watchkeeper on a vessel <24 m long in inshore waters
4. undertake the duties and perform the functions of a General Purpose Hand NC, a Coxswain Grade 3 NC and Coxswain Grade 2 NC

Licensing/Regulatory Information

This qualification is required to obtain an AMSA certificate of competency as a Coxswain Grade 1 NC as defined in Marine Order 505. AMSA certification of competency will require achievement of:

- MAR20324 Certificate II in Maritime Operations (Coxswain Grade 1 Near Coastal)
- A marine radio operators VHF certificate of proficiency
- Meeting the medical and eyesight requirements specified in Marine Order 505
- Assessment by an AMSA approved assessor using the AMSA mandated practical assessment (AMPA) conducted on a commercial vessel ≥5.0 m in length
- Sea Service – you must have completed either:
 - 30 days on commercial vessels at least 5m long – working in a deck capacity or working in both a deck and engineering capacity with a completed AMSA task book. Task book can be purchased from SMIT.
 - 150 days on commercial or recreational vessels at least 5m long – working in a deck capacity or working in both a deck and engineering capacity without an AMSA task book.

Radio

You are required to have a VHF Radio License (Short Range Operators Certificate of Proficiency) if the vessel that you are working on has a VHF marine radio installed.

Summary of occupation

A Coxswain navigates and steers a small commercial vessel under 12 metres in length, operating within the limits of sheltered and inshore waters, that is, in waters within 15 nautical miles off the coast.

As master of a small fishing or trading vessel, they are responsible for supervising other crew and passengers. They are also expected to lead a crew and make decisions under pressure, such as taking appropriate actions in an emergency.

Other tasks for a coxswain include maintaining the operations of engines (less than 500 KW), updating vessel logbooks, assisting in mooring and unmooring vessels and keeping watch.

Commercial vessels under the command of a coxswain can include small passenger vessels, charter vessels, water taxis, tourist craft, and fishing vessels.

Code Description

HLTAID011 Provide First Aid

Perform basic servicing and maintenance of main
MARB027 propulsion unit and auxiliary systems

MARC037 Operate inboard and outboard motors

MARC038 Operate main propulsion unit and auxiliary systems

Follow procedures to minimise and fight fires on
MARF028 board a vessel

MARF029 Meet work health and safety requirements

MARF030 Survive at sea using survival craft

Apply basic survival skills in the event of vessel
MARF060 abandonment

Plan and navigate a passage for a vessel up to 12
MARCH013 metres

Comply with regulations to ensure safe operation of a
MARI003 vessel up to 12 metres

MARJ006 Follow environmental work practices

MARK007 Handle a vessel up to 12 metres

Apply seamanship skills aboard a vessel up to 12
MARN008 metres

Course Duration

- Distance – 13 units @ 10-12 hours per unit.
- Practical components: Shipboard Safety, Radio, First Aid, AMPA
 - 1 or 2 days for navigation or for refresher

MAR10224 CERTIFICATE I IN MARITIME OPERATIONS (GENERAL PURPOSE HAND NEAR COASTAL)

Qualification Description

This qualification is suitable for people working in the maritime industry as a General Purpose Hand, which is sometimes referred to as a deck and/or engine room hand:

1. assist with deck work on a vessel <100 m long and <3000 GT <EEZ under general supervision of the master of the vessel or an appropriately certificated crew member to whom the master delegates the supervision
2. assist with engine work on a vessel with propulsion power <3000 kW <EEZ under general supervision of the chief engineer of the vessel or another appropriately certificated crew member to whom the chief engineer delegates the supervision

Licensing/Regulatory Information

This level of qualification is currently cited as meeting some of the requirements for certification as a General Purpose Hand Near Coastal as defined by Marine Order 505.

AMSA certification of competency will require achievement of:

- MAR10224 Certificate I in Maritime Operations (General Purpose Hand Near Coastal)
- 5 days qualifying sea service on a commercial vessel and
- An Australian Maritime Safety Authority (AMSA) approved first aid certificate
- Meet the medical and eyesight requirements specified in Marine Order 505.

Summary of occupation

Deckhands carry out a range of basic duties essential to the running and maintenance of a boat or ship. The exact duties of a deckhand can vary depending on the type of vessel they work on.

Those working on sailing ships may have to climb tall masts and work in the ship's rigging, while those working on a charter boat or ferry may spend more time taking care of passengers, sometimes serving drinks and food.

Regardless of the vessel, all deckhands assist in keeping the vessel clean and seaworthy, keeping lookout, steering and adjusting the course as directed and dealing with any emergencies that occur.

Units

HLTAID011	Provide First Aid
MARB053	Assist with routine maintenance on a commercial vessel
MARF028	Follow procedures to minimise and fight fires on board a vessel
MARF029	Meet work health and safety requirements
MARF030	Survive at sea using survival craft
MARF060	Apply basic survival skills in the event of vessel abandonment
MARG012	Work as part of a crew on a commercial vessel
MARN016	Apply general purpose hand skills aboard a commercial vessel

Course Duration

- Distance – 8 units @ 10-12 hours per unit.
- Practical components:
 - Shipboard Safety, Radio, First Aid, AMPA



MAR20424 CERTIFICATE II IN MARITIME OPERATIONS (MARINE ENGINE DRIVER GRADE 3 NEAR COASTAL)

Qualification Description

This qualification applies to people working in the maritime industry seeking an Australian Maritime Safety Authority (AMSA) certificate of competency in the capacity of:

1. chief engineer on a vessel with an inboard engine with propulsion power <500 kW <EEZ
2. chief engineer on a vessel with an outboard engine of unlimited propulsion power <EEZ
3. second engineer on a vessel with an inboard engine with propulsion power <750 kW <EEZ
4. assist an engineer in any tasks that may be required on board while working under the general supervision of the person in charge of the vessel's engines <EEZ
5. work in the engine room of a vessel with an inboard engine with propulsion power <3000 kW <EEZ

Licensing/Regulatory Information

To obtain an AMSA certificate of competency as a Marine Engine Driver Grade 3 NC as defined in Marine Order 505. AMSA certification of competency will require achievement of:

- MAR20424 Certificate II in Maritime Operations (Marine Engine Driver Grade 3 Near Coastal)
- Meeting the medical and eyesight requirements specified in Marine Order 505
- Assessment by an AMSA approved assessor using the AMSA mandated practical assessment (AMPA).
- Sea Service – you must have completed either:
 - 20 days of qualifying sea service on commercial vessels with propulsion power >75 kW that includes at least 10 days on vessels with inboard diesel engines with the completion of an AMSA task book. Task book can be purchased at SMIT.
 - 60 days of qualifying sea service on either recreational or commercial vessels with propulsion power <75 kW that includes at least 30 days on vessels with inboard diesel engines without an AMSA Task book.

Summary of occupation

Marine engineers are responsible for operating, maintaining and repairing engines, machinery and other mechanical and electronic equipment aboard ships and offshore structures. They operate and maintain a ship's engine according to orders from the ship's captain.

Marine engineers also monitor and test the performance of the electrical and mechanical equipment of a vessel, including the heating, ventilation, refrigeration, water and sewerage systems, and repair faults where necessary and possible. When they are ashore, they may be responsible for ordering spare parts, fuel and lubricating oil.

Units

BSBTWK201	Work effectively with others
HLTAID011	Provide First Aid
MARB028	Service marine internal combustion engines and propulsion and auxiliary systems
MARC033	Complete engine room tasks
MARC034	Maintain hull out of water
MARC035	Operate and maintain extra low and low voltage electrical systems and equipment
MARC036	Operate deck machinery
MARC039	Operate marine internal combustion engines, and propulsion and auxiliary systems
MARF028	Follow procedures to minimise and fight fires on board a vessel
MARF029	Meet work health and safety requirements
MARF030	Survive at sea using survival craft
MARF060	Apply basic survival skills in the event of vessel abandonment
MARJ006	Follow environmental work practices

Course Duration

- Distance – 13 units @ 10-12 hours per unit.
- Practical components:
 - Shipboard Safety, First Aid, AMPA =

MAR30824 CERTIFICATE III IN MARITIME OPERATIONS (MARINE ENGINE DRIVER GRADE 2 NEAR COASTAL)

Qualification Description

This qualification applies to people working in maritime industry seeking an Australian Maritime Safety Authority (AMSA) certificate of competency in the capacity of:

1. chief engineer on a vessel with an inboard engine with propulsion power <750 kW <EEZ
2. chief engineer on a vessel with an outboard engine of unlimited propulsion power <EEZ
3. second engineer on a vessel with an inboard engine with propulsion power <1500 kW <EEZ
4. assist an engineer in any tasks that may be required on board while working under the general supervision of the person in charge of the vessel's engines <EEZ
5. work in the engine room of a vessel with an inboard engine with propulsion power <3000 kW <EEZ

Licensing/Regulatory Information

To obtain an AMSA certification as a Marine Engine Driver Grade 2 Near Coastal NC as defined in Marine Order 505.

AMSA certification of competency will require achievement of:

- MAR30824 Certificate III in Maritime Operations (Marine Engine Driver Grade 2 Near Coastal)
- Meeting the medical and eyesight requirements specified in Marine Order 505
- Assessment by an AMSA approved assessor using the AMSA mandated practical assessment (AMPA).
- Sea Service – you must have completed either:
 - With an AMSA Task Book – can be purchased from SMIT.
 - 180 days on commercial vessels with inboard diesel engines at least 150 kilowatts
 - 90 days on commercial vessels with inboard diesel engines at least 150 kilowatts while holding a workshop skills equivalent qualification
 - Or without an AMSA Task Book
 - 360 days on commercial vessels with inboard diesel engines at least 150 kilowatts
 - 180 days on commercial vessels with inboard diesel engines at least 150 kilowatts while holding a workshop skills equivalent qualification

Summary of occupation

Marine engineers are responsible for operating, maintaining and repairing engines, machinery and other mechanical and electronic equipment aboard ships and offshore structures. They operate and maintain a ship's engine according to orders from the ship's captain.

This certificate opens up possibilities for employment in various sectors such as commercial shipping, tourism, fishing, and offshore industries.

Completing this training enables individuals to pursue a career as a Chief Engineer or Chief Engineer's Assistant or Engine Room Worker on vessels with propulsion power up to 750 kW within the EEZ, managing the operation and maintenance of the vessel's engines and associated systems, ensuring that they are running efficiently and safely.

Units

BSBTWK201	Work effectively with others
HLTAID011	Provide First Aid
MARB031	Maintain marine internal combustion engines, propulsion plant and auxiliary systems
MARB032	Undertake basic maintenance of electrical systems
MARC033	Complete engine room tasks
MARC034	Maintain hull out of water
MARC035	Operate and maintain extra low and low voltage electrical systems and equipment
MARC036	Operate deck machinery
MARC039	Operate marine internal combustion engines, and propulsion and auxiliary systems
MARC040	Manage fuel systems
MARC041	Operate and monitor marine internal combustion engines, propulsion plant and auxiliary systems
MARC042	Operate electrical systems
MARF028	Follow procedures to minimise and fight fires on board a vessel
MARF029	Meet work health and safety requirements
MARF030	Survive at sea using survival craft
MARF060	Apply basic survival skills in the event of vessel abandonment
MARJ006	Follow environmental work practices

Course Duration

- Distance – 17 units @ 10-12 hours per unit.
 - Practical components: Shipboard Safety, First Aid, AMPA

MAR40224 CERTIFICATE IV IN MARITIME OPERATIONS (MARINE ENGINE DRIVER GRADE 1 NEAR COASTAL)

Qualification Description

This certificate will allow you to work as:

1. chief engineer on a vessel with an inboard engine with propulsion power <1500 kW <EEZ
2. second engineer on a vessel with an inboard engine with propulsion power <3000 kW <EEZ
3. chief engineer on a vessel with an outboard engine with unlimited propulsion power <EEZ
4. assist an engineer in any tasks that may be required on board while working under the general supervision of the person in charge of the vessel's engines <EEZ
5. work in the engine room of a vessel with an inboard engine with propulsion power <3000 kW <EEZ

Licensing/Regulatory Information

To obtain an AMSA certification as a Marine Engine Driver Grade 1 Near Coastal as defined in Marine Order 505.

AMSA certification of competency will require achievement of:

- MAR40224 Certificate IV in Maritime Operations (Marine Engine Driver Grade 1 Near Coastal)
- Meeting the medical and eyesight requirements specified in Marine Order 505
- Pass a final assessment
- Sea Service – you must have completed either:
 - With an AMSA Task Book – can be purchased from SMIT.
 - 120 days on commercial vessels with inboard diesel engines at least 375 kilowatts
 - 90 days on commercial vessels with inboard diesel engines at least 375 kilowatts while holding a workshop skills equivalent qualification
 - Or without AMSA Task Book
 - 240 days on commercial vessels with inboard diesel engines at least 375 kilowatts
 - 180 days on commercial vessels with inboard diesel engines at least 375 kilowatts while holding a workshop skills equivalent qualification

Summary of occupation

Marine engineers are responsible for operating, maintaining and repairing engines, machinery and other mechanical and electronic equipment aboard ships and offshore structures. They operate and maintain a ship's engine according to orders from the ship's captain.

A Marine Engine Driver Grade 1 license offers good career prospects and opportunities for advancement within the maritime industry.

This includes chief engineer, second engineer, marine technician, maritime operations and some may choose to start their own business.

Course Duration

- Distance – 29 units @ 10-12 hours per unit.
- Practical components: Shipboard Safety, First Aid

Units

BSBTWK201	Work effectively with others
HLTAID011	Provide First Aid
MARA024	Manage vessel stability
MARB032	Undertake basic maintenance of electrical systems
MARB034	Carry out basic welding, brazing, cutting and machining operations on a coastal vessel
MARB041	Manage refuelling
MARB047	Undertake maintenance of 240 to 440 voltage alternating current electrical systems
MARB048	Undertake maintenance of machinery, machinery systems and structural components
MARC033	Complete engine room tasks
MARC034	Maintain hull out of water
MARC035	Operate and maintain extra low and low voltage electrical systems and equipment
MARC036	Operate deck machinery
MARC039	Operate marine internal combustion engines, and propulsion and auxiliary systems
MARC040	Manage fuel systems
MARC041	Operate and monitor marine internal combustion engines, propulsion plant and auxiliary systems
MARC042	Operate electrical systems
MARC049	Operate 240 to 440 voltage alternating current electrical systems
MARC050	Operate auxiliary machinery systems up to 1500 kW
MARC053	Operate marine internal combustion engines and associated systems up to 1500 kW
MARC054	Operate propulsion transmission systems up to 1500 kW
MARF028	Follow procedures to minimise and fight fires on board a vessel
MARF029	Meet work health and safety requirements
MARF030	Survive at sea using survival craft
MARF060	Apply basic survival skills in the event of vessel abandonment
MARG009	Manage an engine room and small engineering team in emergencies
MARJ006	Follow environmental work practices
MARJ007	Monitor environmental management on a vessel
MARL046	Carry out engineering calculations
RIIWHS202E	Enter and work in confined spaces

MAR30924 CERTIFICATE III IN MARITIME OPERATIONS (MASTER UP TO 24 M NEAR COASTAL)

Qualification Description

This qualification applies to people working in the maritime industry seeking an Australian Maritime Safety Authority (AMSA) certificate of competency in the capacity of:

1. command a vessel <24 m long <EEZ
2. act as chief mate on a vessel <45 m long <EEZ
3. act as deck watchkeeper on a vessel <100 m and <3000 GT <EEZ
4. act as chief mate on a vessel <100 m and <3000 GT in inshore waters
5. undertake the duties and perform the functions of a General Purpose Hand NC and Master (Inland waters) NC

Licensing/Regulatory Information

This qualification is required to obtain an AMSA certificate of competency as a Master <24 metres NC as defined in Marine Order 505.

AMSA certification of competency will require achievement of:

- MAR30924 Certificate III in Maritime Operations (Master up to 24 m Near Coastal) or MAR30924 Certificate III in Maritime Operations (Master Inland Waters)
- Long range operator Certificate of Proficiency (LROCP) issued by ACMA (or higher qualification)
- Meeting the medical and eyesight requirements specified in Marine Order 505
- Assessment by an AMSA approved assessor using the AMSA mandated practical assessment (AMPA) conducted on a commercial vessel ≥ 7.5 m in length.
- Sea Service – you must have completed either:
 - 120 days qualifying sea service on a vessel at least 7.5m long – working in a deck capacity and a completed AMSA approved task book. Task book can be purchased at SMIT.
 - 360 days qualifying sea service on a vessel at least 7.5m long – working in deck or both deck and engineering capacity. At least 180 days on commercial vessels and 180 days can be recreational without an AMSA task book.

Radio

You are required to have a Long-Range Operators Certificate of Proficiency.

Course Duration

- Distance – 15 units @ 10-12 hours per unit.
- Practical components:
 - Shipboard Safety, Radio, First Aid, AMPA

Summary of occupation

A Master oversees all aspects of a ship's operation, while at sea, at anchor and in port. They command a commercial vessel of up to 24 metres in length, within limits specified by the Marine Authority.

They are responsible for overseeing activities such as the carriage of passengers, the loading and unloading of cargo, repair and maintenance work, the receipt and transmission of information, navigation and all other activities essential to the safe, efficient and effective running of a ship.

They are also responsible for managing a ship's budget and expenditure, as well as preparing voyage plans. A Master must also record the daily activities in the ship's log, including the course and any alterations, the ship's position, any repairs and the weather conditions.

Units

BSBLDR301	Support effective workplace relationships
HLTAID011	Provide First Aid
MARB029	Perform routine maintenance on a vessel up to 24 metres
MARB060	Slip or dock a vessel and maintain hull on a vessel up to 100 metres
MARF028	Follow procedures to minimise and fight fires on board a vessel
MARF029	Meet work health and safety requirements
MARF060	Apply basic survival skills in the event of vessel abandonment
MARH036	Manage and maintain a navigational watch on board vessels up to 100 metres
MARI006	Observe regulations to ensure safe operation of a vessel up to 100 metres
MARJ007	Monitor environmental management on a vessel
MARK008	Manoeuvre a vessel up to 24 metres within Near Coastal waters
MARN009	Perform seamanship operations on board a vessel up to 24 metres
BSBLDR301	Support effective workplace relationships
HLTAID011	Provide First Aid
MARB029	Perform routine maintenance on a vessel up to 24 metres
Group a: master up to 24 metres near coastal	
MARF030	Survive at sea using survival craft
MARH017	Use wheelhouse equipment for safe navigation
MARH037	Plan and navigate a passage for a vessel up to 100 metres
Group b: master inland waters	
MARH014	Apply weather information when navigating inland waters as Master

MAR40324 CERTIFICATE IV IN MARITIME OPERATIONS (MASTER UP TO 45 METRES NEAR COASTAL)

Master up to 45 metres Near Coastal

This level of qualification is currently cited as meeting some of the requirements for certification as a Master up to 45 metres Near Coastal as defined by Marine Order 505.

Master <45 m NC

- command a vessel <45 m long <EEZ
- command a vessel <100 m and <3000 GT in inshore waters
- act as chief mate or deck watchkeeper on a vessel <100 m and <3000 GT <EEZ
- undertake the duties and perform the functions of a General Purpose Hand NC

AMSA certification of competency will require achievement of:

- MAR40324 Certificate IV in Maritime Operations (Master up to 45 metres Near Coastal)
- Certification as a master less than 24 metres near coastal, long range operator Certificate of Proficiency (LROCP) issued by ACMA (or higher qualification)
- Meeting the medical and eyesight requirements specified in Marine Order 505
- An AMSA approved first aid certificate
- Assessment by an AMSA approved assessor using the AMSA mandated practical assessment (AMPA) conducted on a commercial vessel
- Sea Service – you must have completed either:
 - 180 days qualifying sea service on a commercial vessel at least 12m long – including 120 days as person in charge of a navigational watch and a completed AMSA approved task book. Task book can be purchased at SMIT.
 - 360 days qualifying sea service on a commercial vessel at least 12m long – including 240 days as person in charge of a navigational watch without an AMSA approved task book.

Units

HLTAID011	Provide First Aid
MARA022	Manage loading, discharging and stowing of cargo
MARA024	Manage vessel stability
MARB060	Slip or dock a vessel and maintain hull on a vessel up to 100 metres
MARB061	Plan and supervise routine maintenance on a vessel up to 100 metres
MARCO47	Manage a propulsion unit using appropriate engine systems and support services
MARCO48	Monitor and manage vessel operations
MARC064	Operate deck machinery and steering gear on a vessel up to 100 metres
MARF028	Follow procedures to minimise and fight fires on board a vessel
MARF029	Meet work health and safety requirements
MARF030	Survive at sea using survival craft
MARF060	Apply basic survival skills in the event of vessel abandonment
MARG007	Manage a small crew
MARH036	Manage and maintain a navigational watch on board vessels up to 100 metres
MARH037	Plan and navigate a passage for a vessel up to 100 metres
MARH017	Use wheelhouse equipment for safe navigation
MARH019	Forecast weather and oceanographic conditions
MARI006	Observe regulations to ensure safe operation of a vessel up to 100 metres
MARJ007	Monitor environmental management on a vessel
MARK013	Manoeuvre a vessel up to 100 metres
MARN019	Command and manage a voyage on a vessel up to 45 metres (Near coastal)
MARN020	Manage seaworthiness of a vessel up to 100 metres
RIIWHS202E	Enter and work in confined spaces

Course Duration

- Distance – 22 units @ 10-12 hours per unit
- Practical components:
 - Shipboard Safety, Radio, First Aid, AMPA

HLTAID011 PROVIDE FIRST AID

Qualification Description

This unit describes the skills and knowledge required to provide a first aid response to a casualty in line with first aid guidelines determined by the Australian Resuscitation Council (ARC) and other Australian national peak clinical bodies.

The unit applies to all persons who may be required to provide a first aid response in a range of situations, including community and workplace settings

Licensing/Regulatory Information

Specific licensing/regulatory requirements relating to this competency, including requirements for refresher training should be obtained from the relevant national/state/territory Work Health and Safety Regulatory Authorities.

Marine Order 505 (Certificates of competency – national law) 2022 requires that you hold a certificate that meets the requirements of unit of competency HLTAID011 Provide First Aid, or another certificate that we consider to be equivalent. Most first aid certificates will expire after 3 years and we won't accept expired first aid certificates.

HLTAID009 Provide cardiopulmonary resuscitation does not meet the requirement for Provide first aid and will not be accepted.

The following certificates are considered equivalent to HLTAID011:

1. A current HLTAID003 Provide first aid.
2. A current HLTAID004 Provide an emergency first aid response in an education and care setting.
3. A current HLTAID012 Provide First Aid in an education and care setting certificate.
4. A current HLTAID006 Provide advanced first aid certificate
5. A current HLTAID014 Provide Advanced First Aid certificate.
6. A current HLTAID005 Provide first aid in remote situations certificate.
7. A current HLTAID013 Provide First Aid in remote or isolated site certificate.
8. A current IMCA Diver medic technician certificate / Certificate IV in hyperbaric operations (Diver medical technician).
9. A current certificate of registration under the Medical Board of Australia as a medical practitioner.
10. A current AHPRA certificate of registration as a nurse or midwife.
11. A current AHPRA certificate of registration as a paramedic
12. Elementary first aid STCW VI/1 and code section A-VI/1, table A-VI/1-3 .
13. Medical first aid STCW VI/4 (1) and code section A-VI/4 paragraphs 1 to 3.
14. Medical care on board ship STCW VI/4 (2) and code section A-VI/4 paragraphs 4 to 6.
15. A current New Zealand First aid certificate unit standards 6400, 6401, 6402 – or refresher training certificate unit standards 6400, 26551, 26522.

Course Duration

- Classroom – 1 day + written assessment prior to practical



MARCO43 - TRANSMIT AND RECEIVE INFORMATION BY MARINE RADIO (LONG RANGE HF)

Qualification Description

This unit involves the skills and knowledge required to:

- transmit and receive information by marine radio, including using marine very high frequency (VHF) and high frequency (HF) radio according to regulations
- carry out user maintenance and fault-finding procedures on radio equipment and power supplies
- operate emergency position indicating radio beacons (EPIRBs), search and rescue radar transponders (SARTs), automatic identification system search and rescue transmitters (AIS-SARTs), AIS man overboard (AIS-MOB) devices and digital selective calling MOB (DSC-MOB) devices.

This unit applies to people working in the maritime industry in the capacity of:

- master on commercial vessels <80 m in length within the exclusive economic zone (EEZ) or
- chief mate or deck watchkeeper on a vessel <80 m in length within the EEZ.



Licensing/Regulatory Information

Legislative and regulatory requirements are applicable to this unit. The Radiocommunications Act 1992 (the Radcomm Act), through the Radiocommunications Licence Conditions (Maritime Ship Licence) Determination 2015 requires that operators of VHF maritime ship stations are appropriately qualified to operate the stations. This means that operators are required to hold a relevant Australian maritime radio operator's certificate of proficiency or an equivalent overseas qualification.

The Australian Maritime College (AMC) acts as the Australian Communications and Media Authority (ACMA) delegate in providing marine radio certificate services under the Radcomm Act, including the issue of Long Range Radio Operator's Certificates of Proficiency (LROCPs). Operators who have attained a Statement of Attainment from a Registered Training Organisation (RTO) for this unit can apply to the AMC for the issue of a LROCP without the need to sit a further examination. This unit is one of the requirements to obtain Australian Maritime Safety Authority (AMSA) certification as defined in Marine Order 505.

The LROCP qualification allows the operator to operate both the VHF marine radiotelephony equipment and the MF/HF marine telephony equipment. The examination consists of a 50 multi-choice question paper (duration 1 hour with a 70% pass mark) and a practical component. The practical component may be conducted by either the invigilator or another person nominated by the invigilator.

Course Duration

- Classroom – 1 day + written assessment prior to practical

MARCO44 - TRANSMIT AND RECEIVE INFORMATION BY MARINE VHF RADIO (SHORT RANGE VHF)

Qualification Description

This unit involves the skills and knowledge required to:

- transmit and receive information by marine very high frequency (VHF) radio according to regulations
- carry out user-maintenance and fault- finding procedures on radio equipment and power supplies
- operate emergency position indicating radio beacons (EPIRBs), search and rescue radar transponders (SARTs), automatic identification system search and rescue transmitters (AIS-SARTs), AIS man overboard (AIS-MOB) device, and digital selective calling MOB (DSC-MOB) device.

This unit applies to people working in the maritime industry in the capacity of:

- coxswain on vessels <12 m in length with propulsion power that is unlimited for an outboard engine or <500 kW for an inboard engine operating in inshore or designated waters or
- coxswain on tenders or auxiliary vessels <12 m in length operating within 3 nautical miles (nm) of a parent vessel within the exclusive economic zone (EEZ).

This unit covers VHF radio equipment only; *MARCO20 Transmit and receive information by marine radio or telephone* should be selected where competency in both VHF and high frequency (HF) radio is required.

Licensing/Regulatory Information

Legislative and regulatory requirements are applicable to this unit. The Radiocommunications Act 1992 (the Radcomm Act), through the Radiocommunications Licence Conditions (Maritime Ship Licence) Determination 2015, requires that operators of VHF maritime ship stations are appropriately qualified to operate the stations. This means that operators are required to hold a relevant Australian Maritime Radio Operator's Certificate of Proficiency or an equivalent overseas qualification.

The Australian Maritime College (AMC) acts as the Australian Communications and Media Authority (ACMA) delegate in providing marine radio certificate services under the Radcomm Act, including the issue of Short Range Radio Operator's Certificates of Proficiency (SROCP). Operators who have attained a Statement of Attainment from a Registered Training Organisation (RTO) for this unit of competency can apply to the AMC for the issue of a SROCP without the need to sit a further examination. This unit of competency is one of the requirements to obtain Australian Maritime Safety Authority (AMSA) certification as a Coxswain Grade 1 Near Coastal (NC), as defined in Marine Order 505. The AMSA mandated practical assessment (AMPA) is a requirement for AMSA certification.

Course Duration

- Classroom – 1 day + written assessment prior to practical



MARSS00008 SHIPBOARD SAFETY SKILL SET

Qualification Description

A Shipboard Safety Skill Set certificate is a requirement when working on any small commercial fishing vessel, trade vessel and recreational vessel. Participants range from vessel owners and their crews, sailing club members and this is a compulsory unit for deckhands, skippers, coxswains, engineers and masters.

Licensing/Regulatory Information

Seafarers should ensure they have also read the part of the Training Package Companion Volume Implementation Guide that outlines licensing and regulatory requirements.

Seafarers seeking certification should check with AMSA.

Units

MARF028	Follow procedures to minimise and fight fires on board a vessel
MARF029	Meet work health and safety requirements
MARF030	Survive at sea using survival craft.
MARF060	Apply basic survival skills in the event of vessel abandonment



Please tell your Trainer if you are unable to swim. This unit requires you to be able to enter the pool and experience life raft deployment, float, tread water and swim.