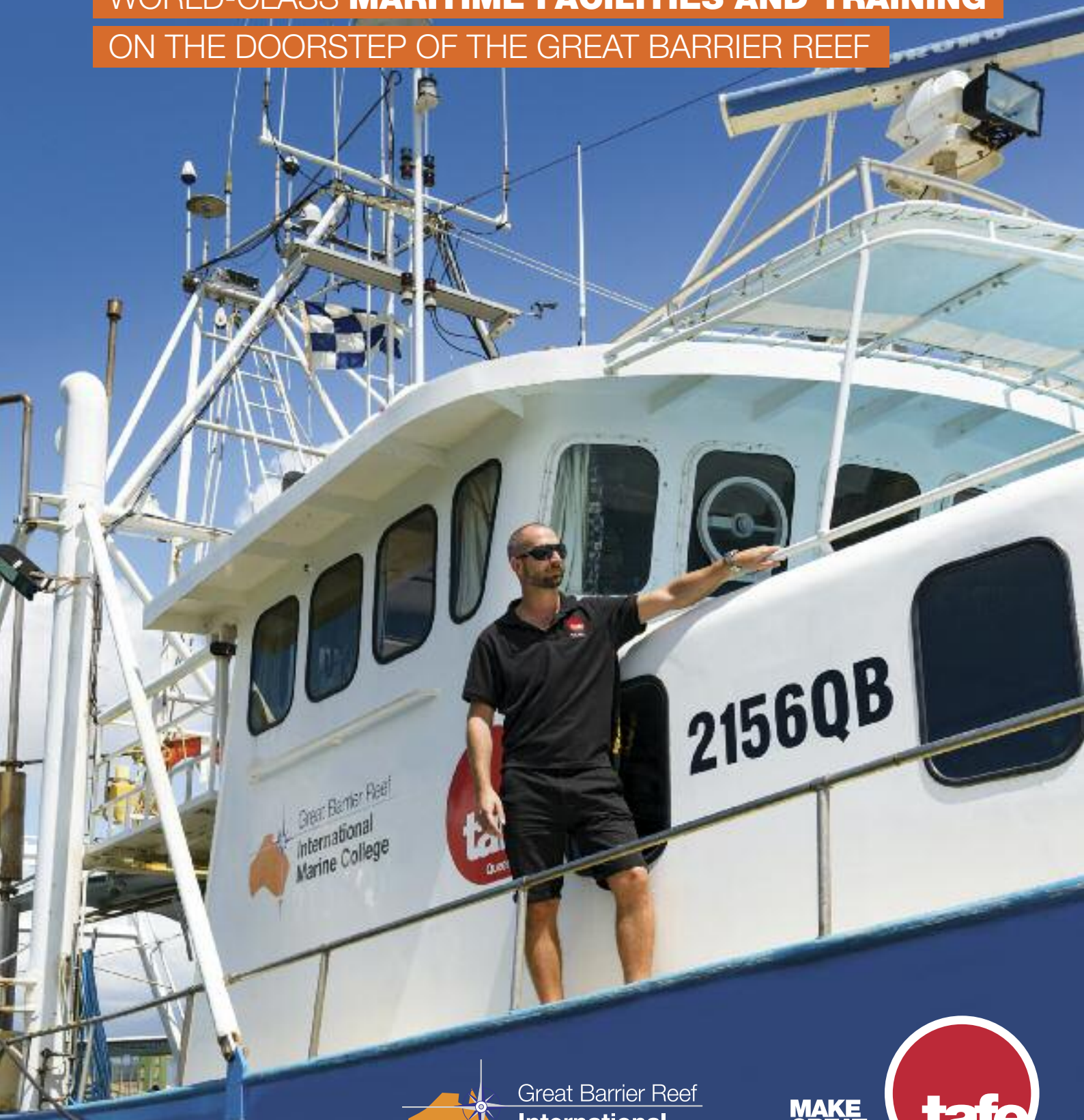


COURSE GUIDE 2018

WORLD-CLASS **MARITIME FACILITIES AND TRAINING**
ON THE DOORSTEP OF THE GREAT BARRIER REEF



Great Barrier Reef
International
Marine College

**MAKE
GREAT
HAPPEN**



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World-class Maritime facilities and training

If you're looking to upskill, revalidate or refresh your certificate, or embark on a rewarding career in the maritime industry – the Great Barrier Reef International Marine College (GBRIMC), in partnership with TAFE Queensland, offers maritime training in accordance with regulatory requirements and the Australian Maritime Safety Authority (AMSA).

Located in Cairns – North Queensland, Australia – our state-of-the-art training facility offers a comprehensive range of training qualifications and certificates. Training complies with the requirements of the International Maritime Organisation Standards of Training, Certification and Watchkeeping for Seafarers (IMO STCW).

Staff at GBRIMC hold relevant and current qualifications and are experts in their field. They have extensive maritime experience and know the specific training and skills you need to start or develop your maritime career.

While studying at GBRIMC, you'll have access to a comprehensive range of fully-equipped on-site training resources including:

- **Full mission bridge simulator**
- **Fire fighting and emergency response training facility**
- **Tug-optimised bridge**
- **Desktop simulators**
- **Engineering workshops**
- **Sea survival training immersion pool**

In addition, our commercially registered 20 metre **training vessel 'MV Gwendoline May'** serves as an ideal platform to perform practical elements of seamanship.



Short Courses

The GBRIMC offers an extensive range of short courses that lead to internationally recognised certificates issued by the Australian Maritime Safety Authority (AMSA).

Short courses can be customised and tailored to suit individuals and organisations. We are flexible in our approach to training, with delivery on-site at the GBRIMC or off-site at an agreed location.

AMSA Approved Short Courses

Safety and Survival

■ Safety Training Certification Skill Set (CoST)

STCW Reg VI/1

The AMSA issued Safety Training Certification Skill Set (CoST) is the minimum mandatory requirement in order to serve on board vessels in international waters.

CoST incorporates the following training courses:

- Basic Fire Prevention and Fire Fighting*
- Personal Survival Techniques*
- Personal Safety and Social Responsibilities*
- Security Awareness Training*

* Complete this training as an individual course or through the full CoST.

For costs, dates, course pre-requisites and expressions of interest visit gbrimc.com.au or email your enquiry to: marine.north@tafe.qld.edu.au

AMSA Approved Short Courses

■ Safety Training Certification Skill Set (CoST) Revalidation

Relevant competencies from STCW Tables A-VI/1-2 and A-VI/1-1

The CoST revalidation course is designed for seafarers who do not hold the qualifying sea service and therefore need to undertake the Personal Survival Techniques, Basic Fire Fighting and Fire Prevention training in order to demonstrate continued competence.

■ Certificate of Safety Training (CoST) Continued Competence Refresher Training

Relevant competencies from STCW Tables A-VI/1-1 and A-VI/1-2

The CoST refresher training course is designed to meet the mandatory Sea Survival, Basic Fire Prevention and Fire Fighting continued competency requirements for current seafarers with qualifying sea service.

■ Certificate of Competency (CoC) Continued Competence Refresher Training

Relevant competencies from STCW Tables A-VI/1-1, A-VI/1-2, A-VI/2-1 and VI/3

The Certificate of Competency (CoC) Continued Competence Refresher Training is designed for holders of an AMSA issued Certificate of Competency (Master, Deck and Engineer Officers). The course meets the mandatory Sea Survival, Basic and Advanced Fire Fighting, and Certificate of Proficiency in Survival Craft and Rescue Boats other than Fast Rescue Boats (CPSC) continued competency requirements for current seafarers with qualifying sea service.

■ Certificate of Proficiency (CoP) Rating Continued Competence Refresher Training

Relevant competencies from STCW Tables A-VI/1-1, A-VI/1-2 and A-VI/2-1

The Certificate of Proficiency (CoP) Rating Continued Competence Refresher Training is designed for holders of an AMSA issued Certificate of Proficiency as Rating (Integrated Rating, Able Seaman, Deck Rating or Engine Room Rating). The course meets the mandatory Sea Survival, Basic Fire Prevention and Fire Fighting, and Certificate of Proficiency in Survival Craft and Rescue Boats other than Fast Rescue Boats (CPSC) continued competency requirements for current seafarers with qualifying sea service.

■ Personal Safety and Social Responsibilities (PSSR)

STCW Reg VI/1 Code A-VI/1 Table A-VI/1-4

This course provides mandatory minimum training in personal safety and social responsibility on board a vessel and is one of the components required to obtain an AMSA issued Certificate of Safety Training.

■ Personal Survival Techniques (PST)

STCW Reg VI/1 Code A-VI/1 Table A-VI/1-1

Learn the skills and techniques required for personal survival at sea. This course is one of the components required to obtain an AMSA issued Certificate of Safety Training.

■ Certificate of Proficiency in Survival Craft and Rescue Boats other than Fast Rescue Boats (CPSC)

STCW Reg VI/2 Code A-VI/2 Table A-VI/2-1

Gain the skills and knowledge required to perform survival craft operations as required during onboard emergency response situations.

■ Shipboard Safety Skill Set

NSCV Table 2 Shipboard Safety Skill Set

Learn survival techniques and safe working procedures for emergency situations on board a vessel including basic fire fighting and use of a survival craft in the event of vessel abandonment.

Successful completion of this course is mandatory for anyone working on board commercial vessels.



For costs, dates, course pre-requisites and expressions of interest visit gbrimc.com.au or email your enquiry to: marine.north@tafe.qld.edu.au

AMSA Approved Short Courses

Security

■ Security Awareness Training (SAT) | Online

STCW Code Section A-VI/6 para 4

This course is one of the components required to obtain an AMSA issued Certificate of Safety Training, and covers maritime security policy and responsibilities, threat identification, recognition and response, ship security actions and emergency preparedness. It is mandatory for all seafarers with AMSA certificates to hold Security Awareness endorsement.

■ Ship Security Officer (SSO) Expression of Interest

STCW Reg VI/5

Under the terms of the ISPS Code, shipping companies are required to designate a Ship Security Officer. This course is designed to provide instruction and proficiency in compliance with the ISPS Code for Ship Security Officers.

First Aid

■ Elementary First Aid

TCW Reg VI/1 Code A-VI/1 Table A-VI/1-3

Electronic Chart Display Information System

■ ECDIS

STCW Reg II/1 & II/2

The Electronic Chart Display Information System (ECDIS) course provides the knowledge, skills and understanding of ECDIS and electronic charts to the thorough extent needed to safely navigate vessels whose primary means of navigation is ECDIS.

Fire

■ Basic Fire Prevention and Fire Fighting

STCW Reg VI/1 Code A-VI/1 Table A-VI/1-2

Develop skills in the operation of fire fighting equipment and actions to be taken in the event of a fire on board a ship. This course is one of the components required to obtain an AMSA issued Certificate of Safety Training (CoST), which is the minimum mandatory qualification required to serve on board vessels in international waters.

■ Advanced Fire Fighting

STCW Reg VI/3

This course provides participants with the skills and knowledge required to respond effectively as a key member of the on board command fire fighting team. You will learn to manage shipboard fire prevention, coordinate tactical fire fighting, and use and maintain fire fighting and fire detection equipment carried on merchant vessels.

■ Advanced Fire Fighting Continued Competence

This course aims to meet the mandatory minimum requirements for seafarers for continued competence of Advanced Fire Fighting.

■ GMDSS Revalidation

Relevant competencies from STCW Table A-IV/2

This course complies with Australian Maritime Safety Authority, Marine Order 70 (Seafarer Certification) 2014, Section 25A, where requirements for revalidation of a GMDSS Radio Operators Certificate (ROC) specify completion of an approved revalidation course.



For costs, dates, course pre-requisites and expressions of interest visit gbrimc.com.au or email your enquiry to: marine.north@tafe.qld.edu.au

Other Short Courses

Communications

■ Marine Emergency Care, Craft and Communication

STCW Reg IV/2

Gain the skills and knowledge to operate GMDSS equipment including digital selective calling techniques for communication using MF, HF and VHF radiotelephone, HF radio telex and satellite communication using INMARSAT-C ship earth stations.

This course complies with Australian Maritime Safety Authority, Marine Order 70 (Seafarer Certification) 2014, Section 21A.

■ Marine Operators HF Skill Set (LROCP)

Long Range Operators Certificate of Proficiency (LROCP) is for operating both Very High Frequency (VHF) short range radios and Medium Frequency/High Frequency (MF/HF) radios (which are designed for long range transmission).

■ Short Range Operators Certificate of Proficiency (SROCP) – previously MROVCP

Short Range Operators Certificate of Proficiency (SROCP) is designed for those who are only carrying and/or operating a Very High Frequency (VHF) short range radio.

Train the Simulator Trainer and Assessor

- This course provides the knowledge and skills for trainers to administer, supervise, and assess training and learning facilitated using simulators. The course content is based on IMO Model Course 6.10 – *Train the simulator trainer and assessor*, and meets the requirements of STCW Regulation I/6, STCW Code A-I/6 and STCW Regulation I/12, STCW Code A-I/1.

Passenger Safety Training

■ Crisis Management

STCW Reg A-V/2 para 3 I IMO 1.29

This course covers the minimum standard of competence for masters, chief mates, chief engineers, second engineer officers and any other person assigned immediate responsibility for embarking and disembarking passengers, for loading, discharging or securing cargo, or for closing hull openings and any other person having responsibility for the safety of passengers in emergency situations.

■ Crowd Management

STCW Reg A-V/2 para 1 & 2 I IMO 1.28

This course provides participants with the skills to be able to control a crowd in an emergency situation on board, locate essential safety and emergency equipment on board, communicate effectively with passengers during an emergency, demonstrate the use of personal life-saving appliances and comply with the ship's safety and emergency procedures.

First Aid

■ Provide First Aid

HLTAID003

Vessels

■ Marine Safety (Low Complexity Duties) Exemption 2016

This course is designed for participants who are required to command or operate a vessel <12m long with inboard engines <100kw or outboard engines <250 kw, vessels operating in a marina, vessels operating 1 nautical mile from shore or in waters within 250m of a structure fixed to the shore, and vessels that are used for towing persons (Waterski).

Yachts

■ Master of Yachts Limited (200 Tons)/Master up to 24 metres Crossover

The IYT Master of Yachts courses have become the most globally accepted courses for the operation of commercial yachts up to 200 Tons. Recognition by 25 Governments has placed IYT MOY 200 Ton accreditation at the forefront as the global standard of certification.

Tugs

■ Tug and Barge Master General Operators Course

This course is designed to assist operators, harbour masters and contractors undertaking towage work and when risk assessing towage operations, and to enable individuals to demonstrate competency to carry out such work in a simulated environment. This course is suited for those wanting to transition into the tug industry.

For costs, dates, course pre-requisites and expressions of interest visit gbrimc.com.au or email your enquiry to: marine.north@tafe.qld.edu.au



Certificate Qualifications

Gain the skills and training you need to embark on a rewarding career in the maritime industry.

Depending on the course you choose, you have the flexibility to study full-time, part-time or a combination of options to suit you.

You'll be trained by experts in their field with years of maritime experience who are committed to ensuring your training is a success.

Great Barrier Reef International Marine College holds an AMSA Certificate of Approval to conduct final assessments. Visit amsa.gov.au for more information.

Enrol now!

■ Certificate I in Maritime Operations (General Purpose Hand Near Coastal)

MAR10313

This course is the perfect introduction if you're interested in working in the maritime industry and covers emergency vessel procedures, nautical terminology and practical seamanship. Students who obtain this qualification are eligible to work on commercial vessels as a General Purpose Hand on deck or in the engine room. This qualification is also a great gateway to further study with the GBRIMC.

Job prospects | General Purpose Hand/Deckhand

■ Certificate I in Maritime Operations (Coxswain Grade 2 Near Coastal)

MAR10413

Gain the skills you need to command a commercial vessel (up to 12m in length, not carrying passengers) and operate this vessel in sheltered waters within three nautical miles of a parent vessel within the Exclusive Economic Zone (EEZ).

Job prospects | Deckhand/Master of vessels up to 12m (restrictions apply)

For costs, dates, course pre-requisites and expressions of interest visit gbrimc.com.au, call (+61 7) 4041 9813 or email marine.north@tafe.qld.edu.au

■ Certificate II in Maritime Operations (Coxswain Grade 1 Near Coastal)

MAR20313

Advance your maritime career and learn skills that will help you become a Coxswain of commercial vessels up to 12m long. This course will teach students how to operate and maintain auxiliary marine engine systems, how to plan and navigate a passage and how to operate inboard and outboard motors.

Job prospects | Deckhand/Master of vessels up to 12m

■ Certificate III in Maritime Operations (Marine Cookery)

MAR30415

Get specialised skills that will help you become a professional cook or chef in the maritime industry. This course will teach you how to organise and prepare food, understand the basic methods of cookery and hygiene, and how to safely work on board a vessel.

This course complies with Australian Maritime Safety Authority, Marine Order 70 (Seafarer Certification) 2014, Section 23.

Job prospects | Marine Cook

■ Certificate III in Maritime Operations (Master up to 24 metres Near Coastal)

MAR30913

This course will teach you how to operate propulsion systems, steering and navigation systems, radar and other electronic navigation equipment, radio systems and safety management equipment as well as maintenance on most aspects of a vessel.

Job prospects | Master of vessels up to 24m

■ Certificate IV in Maritime Operations (Master up to 35 metres Near Coastal)

MAR40613

This qualification is open to highly experienced seafarers who have acquired a significant amount of sea time and want to apply for a Certificate of Competence as a Master <35m Near Coastal. During this course, you will learn how to forecast the weather and predict ocean conditions, manage a small crew and act as a chief mate on a vessel up to 80m long.

Job prospects | Mate/Master of vessels up to 35m

■ Certificate II in Maritime Operations (Marine Engine Driver Grade 3 Near Coastal)

MAR20413

This qualification will allow you to act as a Chief Engineer on a vessel with propulsion power up to 500kW or as a Second Engineer on a vessel with propulsion power up to 750kW in the Exclusive Economic Zone. Learn how to work in an engine room, service and maintain internal combustion engines and operate deck machinery.

Job prospects | Chief Engineer on vessels up to 500kW

■ Certificate III in Maritime Operations (Marine Engine Driver Grade 2 Near Coastal)

MAR30813

Learn to operate and maintain equipment in larger vessels. This qualification will allow you to act as a Chief Engineer on a vessel with propulsion power up to 750kW or as a Second Engineer with propulsion power up to 1500kW in the Exclusive Economic Zone.

Job prospects | Chief Engineer on vessels up to 750kW

■ Certificate IV in Maritime Operations (Marine Engine Driver Grade 1 Near Coastal)

MAR40513

Enhance your knowledge and practical skills when working on large vessels. Not only will you hone your skills in the engine room, you'll also learn to manage a vessel's stability, manage refuelling and how to maintain machinery and structural components. This qualification will allow you to act as a Chief Engineer on a vessel with propulsion power up to 1500kW or as a Second Engineer on a vessel with propulsion power up to 3000kW in the Exclusive Economic Zone.

Job prospects | Chief Engineer on vessels up to 1500kW

For costs, dates, course pre-requisites and expressions of interest visit gbrimc.com.au, call (+61 7) 4041 9813 or email marine.north@tafe.qld.edu.au

Facilities

As a client of GBRIMC, you'll have access to an extensive range of fully-equipped, on-site training resources including:



Full Mission Bridge Simulator (Kongsberg Polaris)

Our Kongsberg Polaris simulator is STCW and DNV compliant. The bridge is equipped with Electronic Chart Display (ECDIS), AIS, Radar and the controls required to operate a range of propulsion and steering systems.

A comprehensive library of ships and port area models are available. Additional ship models can be sourced if required.



Tug-optimised bridge

Our stand alone Kongsberg Tug simulator is ideally suited for ASD Tug training.

This simulator can work in conjunction or separate to the Full Mission Bridge Simulator.



Desktop simulators

The eight desktop simulators are operated from a separate instructor station utilising the same Kongsberg system.

Each simulator has single channel visuals, ECDIS, Radar, AIS and electronic replication of the standard controls and instrumentation found on a ship's bridge.

Multi-purpose Emergency Response Training Simulator (MERTS)

This “ship ashore” facility provides a variety of training opportunities including real time fire-fighting, leak stopping (damage control) and crew emergency response training.

The MERTS is a three deck complex complete with an engine room, switchboard, galley, cabin, floodable compartment and store room. Training is supported by a fully qualified team with comprehensive safeguards and procedures.



Engineering workshops

The workshops feature an extensive range of equipment for a variety of training purposes including welding, marine refrigeration and electrical maintenance.

Additionally, there is a small vessel engine room for maintenance and operational training.



Immersion pool

Used for sea survival training, the on-site immersion pool measures 15 metres x 10 metres and is four metres deep. The immersion pool allows you to simulate emergency procedures including the launch and operation of life-rafts and use of on-board lifesaving equipment for survival techniques and ocean rescues.



Vessel

Our 20 metre commercially registered vessel “MV Gwendoline May” is configured to meet the practical requirements of relevant training programs in the maritime industry that GBRIMC is approved to deliver.



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DISCLAIMER

The information contained in this Course Guide is correct at the time of printing. The requirements of each qualification is reviewed via the regulator (ASQA) to ensure they reflect current industry practices. When superseded, the qualification codes will change to reflect the latest version. For the latest information regarding qualifications registered to TAFE Queensland North Region please visit www.tafeqld.edu.au.

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