



Australian Government

Department of Education, Employment and Workplace Relations

**TDM20307 CERTIFICATE II IN
TRANSPORT & DISTRIBUTION
(COASTAL MARITIME OPERATIONS -
COXSWAIN)**

Release: 1



TDM20307 CERTIFICATE II IN TRANSPORT DISTRIBUTION (COASTAL MARITIME OPERATIONS - COXSWAIN)

Modification History

Not applicable.

Description

Rationale: A qualification aligned to the educational requirements for certification as a Coxswain as described in Part D of the National Standard for Commercial Vessels (NSCV). Successful completion will require competency in units that relate to work defined as characteristics of AQF Certificate 2:

'Performance of a prescribed range of functions involving known routines and procedures and some accountability for the quality of outcomes. Applications may include some complex or non-routine activities involving individual responsibility or autonomy and/or collaboration with others as part of a group or team'.

Pathways Information

Not applicable.

Licensing/Regulatory Information

Not applicable.

Entry Requirements

Not applicable.

Employability Skills Summary

Employability Skills Summary for TDM20307 Certificate II in Transport & Distribution (Coastal Maritime Operations - Coxswain)

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.

Employability Skill	Industry/enterprise requirements for this qualification include:
Communication	<ul style="list-style-type: none"> • Use vessel's communication systems and procedures • Read and interpret maritime regulations, charts and drawings, equipment readings and displays, vessel's safety and emergency procedures, vessel and equipment manufacturer's instructions, etc. • Speak clearly and directly on matters related to vessel operation and maintenance • Write documents as part of duties, including reports on vessel operations, incident reports, entries in records, etc. • Recognise and interpret non-verbal signs, signals and behaviour • Interpret and record observations and equipment readings and displays • Communicate with multilingual crew • Use vessel's communication equipment and radio equipment
Teamwork	<ul style="list-style-type: none"> • Resolve any interpersonal conflicts that may arise on board the vessel • Avoid and prevent the harassment of others on the vessel • Collaborate with others in the course of vessel operations • Work with passengers of different ages, genders, race, religion, political persuasion, etc.
Problem solving	<ul style="list-style-type: none"> • Identify and solve or report problems arising in the course of vessel operations • Monitor and anticipate problems that may occur in the course of watchkeeping operations including hazards and risks and take appropriate action (e.g. avoidance of collision, avoidance of navigation hazards, avoidance of environmental pollution, etc.) • Manage hazards and risks in a range of vessel situations, (e.g. collision avoidance, navigation hazards, heavy

Employability Skill	Industry/enterprise requirements for this qualification include:
	weather and seas, etc.) <ul style="list-style-type: none"> • Use mathematics to solve problems such as various basic calculations related to inshore navigation, position fixing and other duties and functions
Initiative and enterprise	<ul style="list-style-type: none"> • Modify activities dependent on differing work situations and contingencies such as changes in the weather and sea conditions, changes in operational performance of equipment, and navigational emergencies • Take appropriate initiatives in a range of operational situations such as those above • Respond appropriately to any changes in equipment, standard operating procedures and the vessel's working environment
Planning and organising	<ul style="list-style-type: none"> • Follow and apply operational and emergency plans, systems and procedures for the vessel, including the vessel's safety management system and emergency procedures • Monitor systems and procedures for compliance with regulations and codes of practice • Implement vessel's safety management system • Monitor and evaluate operational performance and compliance • Collect, manage and interpret information needed in the course of vessel operations • Organise and plan own management activities as coxswain on a small vessel • Manage time and priorities in the course of vessel activities
Self-management	<ul style="list-style-type: none"> • Interpret and apply regulations, survey requirements, standard procedures and codes of practice as they apply to small vessel operations, including collision avoidance, OH&S, environmental protection, security and SOLAS requirements • Establish and follow own work plans and schedules • Evaluate and monitor own work and management performance as coxswain on the vessel
Learning	<ul style="list-style-type: none"> • Adapt own competency to any changes in the vessel type, its bridge equipment and its operating environment • Update own knowledge and skills required for vessel activities
Technology	<ul style="list-style-type: none"> • Operate equipment on a small vessel of less than 12 m in length including steering and navigation systems, and

Employability Skill	Industry/enterprise requirements for this qualification include:
	<p>electronic navigational aids, radio systems, safety equipment, etc.</p> <ul style="list-style-type: none"> • Follow and apply operational and maintenance systems for the vessel's hull, propulsion, electrical and auxiliary systems, safety equipment and other facilities on the vessel • Follow and apply safety management system and OH&S procedures for operation and maintenance of vessel equipment and facilities • Carry out the preventative and remedial maintenance procedures for the vessel's hull, propulsion plant, electrical and auxiliary systems, other equipment and tools • Carry out fuelling and refuelling operations • Use firefighting equipment on a small vessel

Packaging Rules

Requirements for completion of the qualification:

A successful outcome of the **sixteen** units of competency listed below. Additional units from those listed below or relevant units from this or other Training Packages ^{Note 5} may be included in the qualification to satisfy specific additional needs beyond the minimum requirements. (They may also be achieved separately, either individually or in skill sets, leading to a National Statement of Attainment as described elsewhere in the Training Package)

MANDATORY REQUIREMENTS FIELD		UNIT	
B	Equipment Checking and Maintenance	TDMMB45 07A	Monitor condition and seaworthiness of a small vessel up to 24 metres
C	Manoeuvre Vessel	TDMMC70 7C	Apply seamanship skills and techniques when operating a small vessel within the limits of responsibility of a Coxswain
		TDMMC90 7C	Manoeuvre a domestic vessel within the limits of responsibility of a Coxswain

E	Communication	TDMME507 B	Transmit and receive information by marine radio or telephone ^{Note 1}
		TDMME110 7A	Contribute to effective communications and teamwork on a coastal vessel ^{Note 2}
F	Operational Quality and Safety	TDMMF100 7B	Provide elementary first aid
		TDMMF110 7B	Survive at sea in the event of vessel abandonment
		TDMMF320 7C	Apply domestic regulations and industry practices when operating a small coastal vessel
		TDMMF540 7A	Observe safety and emergency procedures on a coastal vessel ^{Note 3}
		TDMMF550 7A	Fight and extinguish fires on board a coastal vessel ^{Note 4}
H	Navigation	TDMMH12 07B	Plan and navigate a short voyage within inshore limits
R	Carry Out Operations on Equipment and Systems	TDMMR30 07B	Operate and carry out basic service checks on small vessel marine propulsion systems
		TDMMR31 07B	Operate and carry out basic servicing on auxiliary systems
		TDMMR32 07B	Operate and carry out basic routine servicing of marine extra low and low voltage electrical systems
		TDMMR54 07B	Carry out refuelling and fuel transfer operations
U	Environment	TDMMU50 7B	Ensure compliance with environmental considerations in a small domestic vessel

Note 1: Where individuals are likely to **only operate** VHF equipment and are specifically preparing for their AMSA VHF radio operator's certificate, TDMME1007A Transmit and receive information by marine VHF radio or telephone may be selected in place of TDMME507B Transmit and receive information by marine radio or telephone.

Note 2: TDMME1107A is a **new unit** incorporating the requirements of the previous two units TDMME101A Understand orders and be understood in relation to shipboard duties and TDMML201A Contribute to effective human relationships on board a vessel (as they apply to coastal vessel operations).

Note 3: TDMMF5407A is a **new unit** incorporating the requirements of the previous two units TDMMF701B Observe safe working practices and TDMMF801B Comply with emergency procedures.

Note 4: TDMMF5507A is a **new unit** incorporating the requirements of the previous two units TDMMF5302A Fight and extinguish fires on board a commercial vessel and TDMMF1201A Minimise the risk of fire and maintain a state of readiness to respond to emergency situations involving fire.

OPTIONAL ADDITIONAL UNITS TO MINIMUM REQUIREMENTS

The units listed below or relevant units from this or other Training Packages Note 5 may be included in the qualification to satisfy specific additional needs beyond the minimum mandatory requirements.

E	Communication	TDMMME1007 A	Transmit and receive information by marine VHF radio or telephone
O	Security	TDMMMO107 A	Follow maritime security procedures

Note 5: Where units of competency are included from another Training Package, Registered Training Organisations should check the National Training Information System (NTIS) or contact the Industry Skills Council responsible for the Training Package to check if the unit has any pre-requisite or co-requisite requirements.