



Australian Government

MARF056 Provide Vessel Traffic Services

Release: 1

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Modification History

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

Application

This unit involves the skills and knowledge required to conduct the provision of Vessel Traffic Services (VTS) as described in Module 2 of International Association of Marine Aids to Navigation and Lighthouse Authorities (IALA) Model Course C0103-1 Vessel Traffic Services Operator Training to contribute to the safety of life at sea, improve the safety and efficiency of navigation, and support the protection of the environment by mitigating the development of unsafe situations through:

- providing timely and relevant information on factors that may influence ship movements and assist onboard decision-making
- monitoring and managing ship traffic to ensure the safety and efficiency of ship movements
- responding to developing unsafe situations.

Key elements include:

- legislative and regulatory requirements
- operating in a VTS environment
- delivering the purpose of VTS.

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

- Vessel Traffic Services (VTS) Operator

IMO Regulatory framework

International Convention for the Safety of Life at Sea (SOLAS) V/12 states that Contracting Governments planning and implementing VTS shall, wherever possible, follow the guidelines developed by the International Maritime Organization (IMO).

IMO Resolution A.1158(32) Guidelines for VTS states:

- VTS personnel should only be considered competent when appropriately trained and qualified for their VTS duties. This includes, amongst other things, that personnel have satisfactorily completed generic VTS training approved by a competent authority.
- IALA publishes standards and associated recommendations, guidelines and model courses specifically related to the establishment and operation of VTS contribute to achieving worldwide harmonization of VTS.
- Contracting Governments are encouraged to take into account IALA standards and associated recommendations, guidelines and model courses specifically related to the operation of VTS.

Licensing/Regulatory Information

Legislative and regulatory requirements are applicable to this qualification.

- Marine Order 64 (Vessel Traffic Services)
- RTOs must:
 - demonstrate compliance with IALA Standard 1050 – Training and Certification
 - take into account IALA standards and associated recommendations, guidelines and model courses, including G1089, G1132 and G1141.

Pre-requisite Unit

MARC063 Operate Vessel Traffic Services (VTS) equipment

Competency Field

F – Operational Quality and Safety

Unit Sector

Maritime Sector

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Explain legislative and regulatory requirements, roles and responsibilities relevant to VTS

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

- 1.1** Fundamental principles of the IMO regulatory regime related to the provision of VTS, including roles and responsibilities, SOLAS V/12, IMO Resolution A.1158(32) and IALA Standards and the provisions of Australian Law in relation to VTS, are explained
- 1.2** Relevant IMO conventions, resolutions and circulars, including United Nations Convention on the Law of the Sea (UNCLOS), International Convention for the Prevention of Pollution from Ships (MARPOL), Search and Rescue Convention (SAR), International Convention on Facilitation of International Maritime Traffic (FAL) and International Maritime Dangerous Goods (IMDG) Code are identified
- 1.3** Implications of duty of care and liability related to the

	provision of VTS are identified
	1.4 Roles and responsibilities related to VTS, including competent authority, VTS provider, master and allied services, are explained
2 Operate in a VTS environment	2.1 Considerations that influence the monitoring and management of ship traffic are identified
	2.2 Principles of waterway and traffic management are identified
3 Deliver the purpose of VTS	3.1 Purpose of VTS and its application, including providing timely and relevant information on factors that may influence ship movements, assisting onboard decision making, monitoring and managing ship traffic to ensure the safety and efficiency of ship movements, and responding to developing unsafe situations, are applied
	3.2 Conformance with IALA guidance, including guidelines for the provision of a VTS, VTS voice communications and workplace procedures for delivering VTS, is identified

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Non-essential conditions may be found in the MAR Maritime Training Package Companion Volume Implementation Guide.

Unit Mapping Information

This is a new unit. No equivalent unit.

Links

Companion Volume Implementation Guides are found in VETNet -

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