



Australian Government

Assessment Requirements for MARC063 Operate Vessel Traffic Services (VTS) equipment

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.

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria on at least one occasion and include:

- operating equipment and systems used to meet the purpose of Vessel Traffic Services (VTS) as defined in International Maritime Organization (IMO) Resolution A.1158(32)
- using a Decision Support Tool (DST) to manage identified risks, enhance situational awareness, support VTS personnel providing timely and relevant information, monitoring and managing ship traffic, and responding to developing unsafe situations.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria and include knowledge of:

- application of equipment and systems, including benefits, limitations and integration of sensor data as described in International Association of Marine Aids to Navigation and Lighthouse Authorities (IALA) model course C0103-1 such as:
 - AIS
 - environmental systems (hydrographic and meteorological)
 - imaging systems, such as closed-circuit television (CCTV)
 - radar
 - very high frequency (VHF) radio
- DST used to:
 - enhance situational awareness
 - manage identified risks
 - support VTS personnel providing timely and relevant information, monitoring and managing ship traffic, and responding to developing unsafe situations
- methods to monitor equipment performance.

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training

Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Assessment must occur in workplace operational situations, where this is not appropriate, assessment must occur in simulated workplace operational situations that replicate workplace conditions.

Resources for assessment must include access to:

- applicable documentation such as policies, workplace procedures, codes of practice and operation manuals
- applicable VTS equipment and VTS systems.

Links

Companion Volume Implementation Guides are found in VETNet -

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