



Australian Government

MARF045 Provide leadership and managerial capability

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 maintain effective maritime resource management procedures in accordance with Australian and international regulations and guidelines.

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

- Engineer Class 1 (STCW Chief Engineer Unlimited)
- Engineer Class 2 (STCW Second Engineer Unlimited).

Licensing/Regulatory Information

Legislative and regulatory requirements are applicable to this unit.

- This unit is one of the requirements to obtain Australian Maritime Safety Authority (AMSA) certification as an Engineer Class 1 (STCW Chief Engineer Unlimited) or Engineer Class 2 (STCW Second Engineer Unlimited) and to meet regulatory requirements this unit must be delivered consistent with Marine Orders and with the relevant sections of the International Convention on Standards of Training, Certification and Watchkeeping for Seafarers (STCW).
- Those regulatory requirements include STCW International Maritime Organization (IMO) model course competencies and areas of knowledge, understanding and proficiency, together with the estimated total hours required for lectures and practical exercises. Teaching staff should note that timings are suggestions only and should be adapted to suit individual groups of trainees depending on their experience, ability, equipment and staff available for training.

Pre-requisite Unit

Not applicable.

Competency Field

F – Operational Quality and Safety

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

PERFORMANCE CRITERIA

Elements describe the essential outcomes.

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

1 Establish effective working systems and procedures

- 1.1** Principles of resource management are interpreted to establish the functions and responsibilities of the crew
- 1.2** Principles of effective resource management are interpreted to establish arrangements and procedures
- 1.3** Operations are planned, and arrangements and procedures applied effectively in accordance with regulatory requirements and company procedures
- 1.4** Working systems are documented and communicated to relevant personnel
- 1.5** Schedules are developed with due consideration to crew's experience

2 Assign resources and allocate duties

- 2.1** Current competency of crew is evaluated and effective measures are taken to ensure personnel have the required level of competency
- 2.2** Clear and unambiguous roles and responsibilities of crew are determined
- 2.3** Crew are allocated duties and informed of expected standards of work and behaviour in a manner appropriate to the individuals concerned
- 2.4** Resources are allocated effectively and assigned as needed in correct priority to perform necessary tasks to obtain and maintain situational awareness

3 Manage personnel effectively

- 3.1** Crew are informed of current and predicted vessel and operational status and external environment
- 3.2** Operations are undertaken in accordance with established functions and responsibilities

- 3.3 Effective communication is maintained with crew on matters relevant to safety and integrity of vessel
- 3.4 Questionable decisions and/or actions are dealt with using an appropriate challenge and response
- 3.5 Fatigue management strategies are applied
- 3.6 Operations are monitored and effective actions are taken if found to be in breach of established arrangements, regulations and procedures

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.

Unit Mapping Information

This is a new unit. No equivalent unit.

Links

Companion Volume implementation guide can be found in VetNet -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=772efb7b-4cce-47fe-9bbd-ee3b1d1eb4c2>