



Australian Government

MARH018 Apply command navigation procedures on vessels limited by tonnage or near coastal operations

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 manage safe navigational watchkeeping on a commercial ocean-going vessel in compliance with Australian and international regulations and guidelines, protection of the marine environment and the safety of vessel and persons onboard.

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

- Master of a commercial vessel less than 80 metres in length within the exclusive economic zone (EEZ).

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 a Master less than 80 metres Near Coastal as defined in the National Standard for Commercial Vessels (NSCV) Part D.

Pre-requisite Unit

Not applicable.

Competency Field

H – Navigation

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 safe watchkeeping procedures on vessels, potentially with limited qualified personnel

- 1.1** Set of Master standing orders is developed to supplement vessel safety management system (SMS) noting number of watchkeeping personnel
- 1.2** Accepted principles, vessel safety management procedures and Master standing orders are conformed with in conduct, handover and relief of watch
- 1.3** Appropriate bridge team is established according to vessel SMS and bridge personnel are confirmed as fit for duty
- 1.4** Duties are assigned to members of bridge team and their performance of those duties is monitored
- 1.5** Members of bridge team are correctly briefed on their duties
- 1.6** Action is taken to ensure vessel is navigated safely using appropriate position fixing techniques to check location the vessel and to maintain movement of vessel within planned limitations
- 1.7** Action is taken to ensure progress of vessel with respect to passage plan is analysed and vessel navigation is managed appropriately to maintain a required estimated time of arrival (ETA) at a point in the plan
- 1.8** Accepted principles and procedures are conformed with in relation to frequency and extent of monitoring of traffic, vessel and environment
- 1.9** Responsibility for safety of navigation is defined according to vessel SMS
- 1.10** Safe navigational practice is achieved by implementing accepted bridge resource management principles and procedures
- 1.11** Action is taken to ensure fatigue management strategies are correctly applied by bridge management team

2 Respond to potential collision and emergency

- 2.1** Leadership of bridge team is taken when called to bridge in response to navigational situation

situations

- 2.2** Circumstances when assistance is required when Master is performing watchkeeping duties are identified
 - 2.3** Potential collision situations are analysed and appropriate actions taken to avoid collision in ample time and in compliance with international collision regulations, resulting in a safe passing distance and following practices of good seamanship
 - 2.4** SMS procedures and compliance with standard watchkeeping principles are correctly implemented when taking over bridge watch from officer of the watch
 - 2.5** Appropriate action is taken to initiate search and rescue (SAR) procedures on receipt of a distress signal
 - 2.6** Appropriate advice is given to watchkeepers and correct actions are implemented regarding a response to navigational or operational emergency situations
- 3 Maintain watchkeeping records**
 - 3.1** Relevant information is documented in required records
 - 3.2** Action is taken to ensure deck logbook and other required records are maintained in an appropriate manner
 - 3.3** Required records are filed and stored according to organisational 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 unit replaces and is equivalent to MARH007 Apply command navigation procedures on vessels limited by tonnage or near coastal operations.

Links

Companion Volume implementation guide can be found in VetNet -

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