



Australian Government

**Assessment Requirements for MARH018
Apply command navigation procedures on
vessels limited by tonnage or near coastal
operations**

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

Modification History

Release 2. This is the second release of this unit of competency in the MAR Maritime Training Package.

- Minor statement changes in unit Application.

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:

- applying fatigue management strategies
- assessing:
 - circumstances requiring Master to call for assistance from a second qualified watchkeeper
 - necessary actions to be taken when called to bridge by officer of watch
- briefing officers of watch on passage plan and their watchkeeping duties
- communicating effectively with other personnel when managing safe navigational watchkeeping activities
- complying with mandatory rules, regulations and International Maritime Organization (IMO) conventions and codes, including relevant sections of Australian Maritime Safety Authority (AMSA) Marine Orders and ensuring codes, guidelines and standards recommended by IMO, classification societies and maritime industry organisations are taken into account
- conducting emergency procedures
- determining:
 - actions to take with respect to executing passage plan
 - most important watchkeeping task at any given time
- ensuring established passage plan is correctly carried out
- exchanging information with pilot about pilotage plan and conduct of bridge team
- managing watchkeeping arrangements while underway, when berthed or moored, when slipped or in dry dock, and during routine or unplanned events
- performing pilotage duties, where permitted
- providing leadership to bridge team
- recognising and adapting appropriately to cultural differences in the workplace, including modes of behaviour, and interactions and communication with others
- recognising situations warranting alterations to bridge team, including situations where vessel is under pilotage

- solving problems that may arise when managing bridge team
- taking prompt actions to report and/or rectify watchkeeping incidents according to established procedures
- using available technology when managing navigational watchkeeping activities.

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:

- applicable legislation, regulations and codes of practice
- bridge watch handover procedures
- causes of groundings, collisions and casualties when onboard vessel
- documentation and records, including:
 - company safety management system (SMS)
 - established passage plan
 - instructions of relevant maritime authorities
 - Master standing and night orders
 - navigational charts
 - operational orders
 - relevant maritime regulations as they relate to watchkeeping functions and operations during a coastal voyage
 - vessel log
- emergency situations
- fatigue management principles and techniques
- International Regulations for Preventing Collisions at Sea (COLREGs)
- navigational aids, including:
 - compass and azimuth mirror
 - electronic charts
 - electronic navigation systems
 - radar
- navigational hazards during voyage and implications for watchkeeping
- precautions necessary when navigating in or near traffic separation schemes or other routing measures
- principles for maintaining a safe navigational watch on vessels with potentially limited qualified personnel
- principles of bridge team management
- range of factors that can affect watchkeeping functions on vessels under 500 gross tonnage (GT) and their implications, including:
 - attention necessary when navigating in or near traffic separation schemes or other routing measures
 - maintaining proper lookout by all available means at all times

- need to adhere to established passage plan
- never leaving the bridge unattended
- operational status of bridge instrumentation, controls and alarms and failure
- provision on bridge of unmanned machinery space (UMS) controls, alarms and indicators, including loss of:
 - main engines
 - mooring lines or winches when berthing
 - watertight integrity
- proximity of navigational hazards
- rudder and propeller control and vessel manoeuvring characteristics
- size of vessel and field of vision available from conning position
- traffic density and other activities occurring in area in which vessel is navigating
- unusual demands on navigational watch arising from operational conditions
- use and operational condition of navigational aids and failure of bridge equipment, steering equipment and navigational lights
- weather and sea conditions, visibility and whether there is daylight or darkness
- relevant work health and safety (WHS)/occupational health and safety (OHS) legislation and policies
- responsibility for safety of navigation, including:
 - periods under pilotage
 - periods when Master is on bridge.

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.

Practical assessment must occur in a workplace, or realistic simulated workplace, under the normal range of workplace conditions.

Simulations and scenarios may be used where situations cannot be provided in the workplace or may occur only rarely, in particular for situations relating to emergency procedures and adverse weather conditions where assessment would be unsafe, impractical or may lead to environmental damage.

Resources for assessment must include access to:

- applicable documentation, such as legislation, regulations, codes of practice, workplace

- procedures and operational manuals
- tools, equipment, machinery, materials and relevant personal protective equipment (PPE) currently used in industry.

Links

Companion Volume Implementation Guides are found in VETNet -

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