



Australian Government

**Assessment Requirements for MARH007
Apply command navigation procedures on
vessels limited by tonnage or near coastal
operations**

Release: 1

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Modification History

Not applicable.

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:

- assessing:
 - circumstances requiring Master to call for assistance from a second qualified watchkeeper
 - necessary action 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, 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 action 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 on board vessel
- documentation and records, including:
 - operational orders
 - Master standing and night orders
 - established passage plan
 - navigational charts
 - relevant maritime regulations as they relate to watchkeeping functions and operations during a coastal voyage
 - vessel log
 - company safety management system (SMS)
 - instructions of relevant maritime authorities
- range of factors that can affect watchkeeping functions on vessels under 500 GT and their implications, including:
 - maintaining proper lookout by all available means at all times
 - need to adhere to established passage plan
 - never leaving the bridge unattended
 - weather and sea conditions, visibility and whether there is daylight or darkness
 - proximity of navigational hazards
 - use and operational condition of navigational aids
 - operational status of bridge instrumentation, controls and alarms
 - provision on bridge of unmanned machinery space (UMS) controls, alarms and indicators
 - unusual demands on navigational watch arising from operational conditions
 - traffic density and other activities occurring in area in which vessel is navigating
 - size of vessel and field of vision available from conning position
 - attention necessary when navigating in or near traffic separation schemes or other routeing measures
 - rudder and propeller control and vessel manoeuvring characteristics
- fatigue management principles and techniques
- navigational aids including:
 - compass and azimuth mirror
 - electronic navigation systems
 - radar
 - electronic charts

- 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
- International Regulations for Preventing Collisions at Sea
- relevant work health and safety (WHS)/occupational health and safety (OHS) legislation and policies.

Assessment Conditions

Assessors must satisfy National Vocational Education and Training Regulator (NVR)/Australian Quality Training Framework (AQTF) assessor requirements.

Assessment must occur in workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated workplace operational situations that reflect workplace conditions.

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.

Resources for assessment must include access to:

- tools, equipment, machinery, materials and personal protective equipment currently used in industry
- applicable documentation such as legislation, regulations, codes of practice, workplace procedures and operational manuals
- range of relevant exercises, case studies and/or simulations.

Links

Companion Volume implementation guides are found in VETNet -

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