



Australian Government

Assessment Requirements for MARH009

Use an electronic chart display and information system to navigate safely

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:

- adjusting settings and values to suit present conditions
- conducting tests for malfunctions including functional self testing and interpreting the test results
- confirming vessel position by alternative means
- ensuring integrity of back-up systems
- ensuring integrity of data
- maintaining situational awareness while using electronic chart display and information system (ECDIS)
- operating ECDIS when interfaced with automatic identification system (AIS) and interpreting AIS data
- operating, interpreting and analysing information:
 - when radar and automatic radar plotting aid (ARPA) is connected to ECDIS
 - obtained from ECDIS
- operating, interpreting and analysing information
- planning a passage on a display using ECDIS
- safely monitoring and adjusting information
- setting up initial display and maintaining display
- using functions that are integrated with other navigation systems in various installations
- using settings efficiently to ensure conformance to operational procedures.

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:

- correcting and updating charts by manual, semi automatic and automatic systems
- dangers of over-reliance
- differences between vector and raster charts
- differences between ECDIS, ECS and raster chart display system (RCDS)
- functions of ECDIS required by performance standards in force
- principles, capability and limitations of ECDIS operations

- requirements for voyage recording
- significance of chart alarms and indicator warnings
- use of ECDIS in emergency situations
- work health and safety (WHS)/occupational health and safety (OHS) requirements and work practices.

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>