



Australian Government

MARH014 Apply weather information when navigating inland waters as Master

Release: 2

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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
- Minor changes in Knowledge Evidence
- Minor statement changes in Assessment Conditions.

Release 1. New unit of competency. Licensing/regulatory information has been incorporated in accordance with Regulatory requirements. Assessment Requirements have been strengthened in accordance with Regulatory requirements.

Application

This unit involves the skills and knowledge required to predict meteorological conditions and apply them to ensure the safe navigation of a vessel.

It includes interpreting and applying information obtained from observations, reports and instruments and forecasting weather for an intended inland waters passage using all available data.

This unit applies to those working in the capacity of a Master on commercial vessels up to 24 meters in length in inland waters.

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 Inland Waters as specified in Marine Order 505.

Seafarers seeking certification should check with AMSA.

Pre-requisite Unit

Not Applicable.

Competency Field

H – Navigation

Unit Sector

Not Applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Obtain weather information

PERFORMANCE CRITERIA

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

1.1 Relevant weather forecasts are obtained from a range of sources and correctly interpreted

1.2 Weather conditions are observed and correctly interpreted according to established nautical and meteorological practice

1.3 Basic measurements of meteorological conditions are correctly made and recorded using established procedures

1.4 Relevant meteorological charts, publications and related documentation are obtained, used, updated, stored and maintained

2 Apply weather data to safe navigation

2.1 Weather condition hazards relevant to a proposed voyage are identified using relevant forecasts based on interpretation of meteorological observations, reports and measurements

2.2 Voyage is modified as required to take into account weather and water condition hazards according to established navigational practice and operational instructions

3 Maintain records of weather and oceanographic information

3.1 Meteorological measurements, observations, reports and forecasts are recorded and stored according to organisational procedures and regulatory requirements

3.2 Actions taken to maintain safety of navigation and to minimise risk to safety of vessel as a result of weather and oceanographic forecasts, are documented 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 MARH002 Apply weather information when navigating inland waters as Master.

Links

Companion Volume Implementation Guides are found in VETNet -

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