



Australian Government

POLSAR019 Undertake marine search and rescue duties

Release: 1

POLSTAR019 Undertake marine search and rescue duties

Modification History

Release 1. This is the first release of this unit of competency in the POL Police Training Package
Release 5.0

Application

This unit describes the skills and knowledge required to prepare marine search and rescue (SAR) responses, determine current location and destination of target, plan safe routes/courses, and plan marine SAR operations.

This unit applies to those working as police officers involved in police marine SAR operations. It may be applied in the field and within an office environment.

The skills and knowledge described in this unit must be applied within the legislative, regulatory and policy environment in which they are carried out. Organisational policies and procedures must be consulted and adhered to, particularly those related to work health and safety (WHS).

Those undertaking this unit would work within multi-agency teams and often liaise with stakeholders, while completing complex tasks in a broad range of contexts. They would make decisions independently while giving consideration to resource management requirements.

No licensing, legislative or certification requirements apply to unit at the time of publication.

Pre-requisite Unit

Not applicable.

Competency Field

Search and rescue

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.

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|--|---|
| 1 Prepare for marine SAR response | 1.1 Identify a SAR coordination centre from which to facilitate marine SAR operations |
| | 1.2 Facilitate flow of information to stakeholders to progress SAR operation |
| | 1.3 Identify jurisdictional information management systems required to gather information in relation to target |
| | 1.4 Assess characteristics of target to inform SAR response |
| 2 Determine current location, destination and resources | 2.1 Assess information gathered relating to the location and details of incident |
| | 2.2 Identify charts, electronic navigation aids and navigation equipment to source information |
| | 2.3 Interpret information from charts for planning purposes |
| | 2.4 Evaluate sea state, currents and tidal patterns to identify impacts on marine SAR operations |
| | 2.5 Plot current location and estimated destination of target in distress on a chart using marine navigation techniques |
| 3 Determine and plan a safe route/course | 3.1 Evaluate information, including initial search areas and chart work to compile operational plan |
| | 3.2 Use overlays and allow for variables and prevailing conditions to record plots and search areas on charts |
| | 3.3 Estimate rescue asset's speeds, search time, investigation time and endurance within prevailing conditions to provide an estimated search time |
| | 3.4 Identify potential obstacles and hazards to determine safe route/course |
| 4 Perform marine SAR response | 4.1 Determine datum of target using wind and currents |
| | 4.2 Assess search strategies to inform marine SAR operations |
| | 4.3 Select marine search patterns in accordance with |

prevailing conditions

- 4.4 Identify specialist marine resources to facilitate marine SAR operations
- 4.5 Determine taskings for specialist marine resources to facilitate marine SAR operations
- 4.6 Modify marine search strategies using on scene intelligence

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.

Non-essential conditions may be found in the POL Police Training Package Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to POL SAR005 Undertake marine search and rescue duties.

Links

Companion Volume Implementation Guides can be found on VETNet - -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=98c3984e-2cf1-48a8-8ed1-85e4b92e7351>

Assessment Requirements for POLSAR019 Undertake marine search and rescue duties

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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 marine search and rescue (SAR) requirements
- facilitating coordination of marine SAR operations
- collecting and assessing information on marine SAR requirements
- evaluating marine and weather conditions to inform SAR operations
- determining target locations, distances and destinations
- communicating and coordinating with stakeholders within marine SAR context
- applying appropriate marine SAR tools, techniques and strategies
- documenting progress and outcomes of marine SAR.

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:

- Commonwealth, national, state and territory legislation and arrangements relating to SAR
- international treaties relating to maritime safety
- principles of marine navigation
- SAR datum planning
- jurisdictional legislation, policies and procedures relating to SAR operations
- weather patterns
- currents
- sea state
- drift patterns
- variation and deviation
- obstacles to marine navigation
- marine navigation references, tools, charts, aids and equipment
- formulas relating to marine SAR
- local marine environment
- common marine SAR scenarios
- limitations/regulations which impact marine search

- national manual relating to SAR
- specialist marine resources
- jurisdictional information management systems.

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.

Assessment must occur in workplace operational situations. Where this is not appropriate, such as in situations that can affect safety or occur only rarely, assessment can occur in simulated workplace operational situations that reflect workplace conditions.

Resources for assessment must include access to:

- a range of relevant exercises, case studies and/or other simulations
- relevant and appropriate materials, tools, equipment and personal protective equipment (PPE) currently used in industry
- applicable documentation, including workplace procedures, regulations, codes of practice and operation manuals.

Links

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