



Australian Government

AHCMAR303 Coordinate marine conservation activities on small vessels

Release: 1

AHCMAR303 Coordinate marine conservation activities on small vessels

Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 6.0.

Application

This unit of competency describes the skills and knowledge required to coordinate marine activities involving small vessels of up to nine metres for conservation projects.

The unit applies to individuals who work in a marine conservation and management role under broad supervision and take responsibility for their own work. They use discretion and judgement in the selection, allocation and use of available resources and for solving problems.

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

Pre-requisite Unit

Nil

Unit Sector

Marine (MAR)

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare for marine activities	1.1 Confirm objectives of marine activity with supervisor 1.2 Identify personnel and verify their certification, skills and experience for maritime activities 1.3 Identify vessel, equipment and material resource requirements and availability 1.4 Identify operational constraints under marine regulations and

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	workplace safety procedures 1.5 Identify environmental constraints for marine activity 1.6 Prepare a schedule of activities and time allocation in a marine operational plan, and present to supervisor for approval 1.7 Identify and confirm operating procedures for vessel, equipment and planned operations 1.8 Identify health, safety and environmental hazards, assess risks and implement controls according to workplace health, safety and environmental procedures
2. Organise resources for marine work	2.1 Procure and organise delivery of materials, equipment and machinery according to delegated level of authority 2.2 Check materials, equipment and machinery comply with marine and transport regulations 2.3 Organise an operational base for logistical and emergency support during the work 2.4 Establish and implement a communication plan 2.5 Notify search and rescue authorities of operational plan and key contacts 2.6 Organise personnel and conduct a marine operations briefing and safety drill for vessel/s involved
3. Coordinate vessel departure	3.1 Conduct pre-departure checks and notifications 3.2 Coordinate transport of vessel and equipment 3.3 Coordinate loading, launching and/or departure of vessel 3.4 Ensure compliance with operating procedures and workplace health and safety procedures
4. Coordinate marine operation	4.1 Direct crew and personnel for marine operation 4.2 Monitor and document personnel, activities and compliance with marine operational plan 4.3 Maintain communications throughout work according to workplace communications procedures 4.4 Manage waste storage and disposal according to workplace and environmental procedures 4.5 Record and notify supervisor of changes to operational plan

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	4.6 Identify contingency situations, report contingencies to supervisor and implement corrective actions according supervisor instructions 4.7 Coordinate landing, retrieval or mooring/docking of vessel 4.8 Coordinate unloading and vessel shutdown procedure
5. Finalise and report on marine activities	5.1 Finalise communication plan, notifications and operational arrangements for marine activity according to plan 5.2 Complete workplace records for marine operation and use of vessel 5.3 Clean and store vessel and equipment 5.4 Organise maintenance or replacement of faulty equipment 5.5 Complete incident reports 5.6 Report marine operation with outcomes and future recommendations according to workplace procedures

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.

Skill	Description
Writing	Accurately record and report marine operations using industry specific language and workplace format and protocols
Oral Communication	- Interact with supervisor and crew using planned communications strategies and resources - Use collaborative and inclusive techniques, including active listening and questioning and reading of non-verbal signals, to convey, clarify and report marine conservation activity

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status

AHCMAR303 Coordinate marine conservation activities on small vessels	Not applicable	The unit has been created to address an emerging skill or task required by industry	Newly created
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Links

Companion Volumes, including Implementation Guides, are available at VETNet: -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>

Assessment Requirements for AHCMAR303 Coordinate marine conservation activities on small vessels

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Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has coordinated at least one marine conservation activity for a small vessel of no more than nine metres in length, and has:

- read, interpreted and completed documentation, including:
 - charts/maps
 - operating and emergency procedures
 - logs associated with vessel operation and marine activities
- interpreted marine regulations, identified operational constraints and planned for marine activities
- identified environmental constraints, including:
 - weather
 - sea conditions
 - tides
- identified and prepared vessels, equipment and materials for marine operations
- conducted a marine operations briefing and safety drill
- conducted vessel and safety checks
- coordinated vessel operations, including:
 - loading/unloading
 - launching/retrieving/mooring/docking
 - vessel shutdown
- monitored weather conditions while at sea
- operated two-way radio communications
- responded to contingency situations
- cleaned, maintained and stored vessel and equipment
- recorded marine activities
- performed a workplace health and safety risk assessment for marine operations

- managed waste storage and disposal for a marine operation according to workplace and environmental procedures, including:
 - human waste
 - general waste
 - recyclable waste.

Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- appropriate techniques and workplace procedures for launching, retrieving, mooring and docking vessels for conservation work
- workplace procedures and marine regulations that relate to marine conservation work
- vessel type, capability and performance for specified marine tasks
- personnel requirements and appropriate skills and experience
- marine weather, sea conditions and forecasting suited for marine conservation work
- logistical and technical requirements of marine conservation work
- the range of equipment used for marine conservation work
- trip planning
- communications and notification requirements specific to marine conservation work
- marine workplace health and safety, hazard identification and risk control measures
- communication equipment, operation and limitations
- cleaning and maintenance techniques for marine vessels and equipment
- storage arrangements for marine vessels and equipment
- marine operation emergency and contingency planning
- environmental waste storage and disposal methods for marine operations.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a marine environment
- resources, equipment and materials:
 - vessel up to nine metres in length
 - specific tools and equipment for vessel operation and conservation activities
 - specific items of personal protective equipment for marine conservation work
- specifications:
 - workplace procedures and processes for marine conservation work and vessel operation
 - manufacturer operating instructions for vessel, equipment and machinery used in marine operations

- workplace instructions
- relationships:
 - team member/s
 - supervisor/s.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

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