



Australian Government

DEFSEA001 Assist in seamanship operations

Release: 1

DEFSEA001 Assist in seamanship operations

Modification History

Release	Comments
1	This unit was released in DEF Defence Training Package release 1.0 and meets the Standards for Training Packages. This unit supersedes and is equivalent to DEFBM001C Assist in seamanship operations. • Unit code updated • Content and formatting updated to comply with new standards • All PC transitioned from passive to active voice • Element 3 reworded • PC 2.2 removed

Application

This unit describes the skills required to assist in a range of seamanship operations. It covers specific skills and knowledge such as general rigging and load shifting, towing, buoy attachment, berthing and slipping, equipment recovery, sea boat operations, man overboard recovery, replenishment at sea and ladder and brow deployment.

This unit would be typically implemented in a Naval Defence environment but is applicable to any individual in this field of work. Tasks are carried out on a ship in a range of conditions that would typically apply to a lengthy operation, while minimising or eliminating environmental stresses and hazards, risk to personnel, vessel and the environment, and preserving individual safety.

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.

Those undertaking this unit would generally perform routine tasks as part of a team and under indirect supervision. They would need to be prepared for a wide of range of contexts that could be unfamiliar and highly unpredictable.

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

Competency Field

Maritime Operations

Elements and Performance Criteria

ELEMENTS	PERFORMANCE CRITERIA
Elements describe the essential outcomes	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the range of conditions section.
1. Prepare to assist in seamanship operation	1.1 Record and receive operation briefing. 1.2 Identify and select equipment for the operation based on information as directed by the supervisor. 1.3 Identify and note hazards and risks associated with the specific operation. 1.4 Select and wear personal protective equipment based on the nature of the operation.
2. Assist in seamanship operations	2.1 Identify and confirm position within the team and location for the operation. 2.2 Tie and apply knots, bends, splices, whippings and hitches. 2.3 Prepare and handle lines and hardware. 2.4 Communicate during operations using the correct communications equipment. 2.5 Identify and act upon operational hazards. 2.6 Follow shipboard emergency and contingency plans in the event of a failure or emergency associated with the operation and equipment.
3. Finalise seamanship operations	3.1 Recover, clean and maintain equipment. 3.2 Re-stow equipment to maintain operational readiness. 3.3 Attend operational debriefing and provide feedback. 3.4 Complete competency log and work history sheet.

Foundation Skills

The foundation skills demands of this unit have been mapped for alignment with the Australian Core Skills Framework (ACSF). The following tables outline the performance levels indicated for successful attainment of the unit.

ACSF levels indicative of performance:

1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
Learning N/A					Reading					Writing					Oral communication					Numeracy N/A				

Performance variables

1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
Support					Context					Text complexity					Task complexity				

Further information on ACSF and the foundation skills underpinning this unit can be found in the Foundation Skills Guide on the GSA website.

Unit Mapping Information

This unit supersedes and is equivalent to DEFBM001C Assist in seamanship operations.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6bdbab1e-11ed-4bc9-9cba-9e1a55d4e4a9>

Companion Volume implementation guides are found in VETNet -

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Assessment Requirements for DEFSEA001 Assist in seamanship operations

Modification History

Release	Comments
1	These Assessment Requirements were released in DEF Defence Training Package release 1.0 and meet the Standards for Training Packages. Assessment Requirements created drawing upon specified assessment information from superseded unit

Performance Evidence

Evidence required to demonstrate competence must satisfy all of the requirements of the elements and performance criteria. If not otherwise specified the candidate must demonstrate evidence of performance of the following on at least one occasion.

- following instructions and responding to directions as a team member
- reporting information verbally and non-verbally using a variety of communication techniques
- working by day and night

Knowledge Evidence

Evidence required to demonstrate competence must satisfy all of the requirements of the elements and performance criteria. If not otherwise specified the depth of knowledge demonstrated must be appropriate to the job context of the candidate.

- composition of teams, and roles and responsibilities of team members
- definitions and terms associated with seamanship operations
- uses of knots, bends, splices, whippings and hitches
- use and operation of provided communication and seamanship equipment

Assessment Conditions

Competency should be assessed in an actual workplace or in a simulated environment, with access to equipment and infrastructure appropriate to the outcome. Competency should be demonstrated over time to ensure the candidate is assessed across a variety of situations.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

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