



Australian Government

DEFSEN008 Support the compilation of the tactical picture

Release: 1

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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 DEFSO008A Support the compilation of the tactical picture. • Unit code updated • Content and formatting updated to comply with new standards • All PC transitioned from passive to active voice • Element 2 reworded • PC 1.3 and 1.4 revised

Application

This unit covers the competency required to provide support to the compilation of a tactical picture. It includes operating a sensor display to display and allow interpretation of tactical information. It also includes monitoring the sensor display for irregularities and taking steps to return the sensor display to optimal performance.

This unit was developed for Sensor Operators working within Defence but is applicable to any individual in this field of work.

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 work as part of a team, under supervision, while performing routine tasks in a broad range of contexts and environments. They use discretion and judgement and take responsibility for the quality of their output.

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

Competency Field

Sensor 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. Detect and track contacts using sensors	1.1 Detect contacts by monitoring sensor display. 1.2 Analyse sensor returns to recognise valid contacts. 1.3 Track contacts. 1.4 Alert shift supervisor and other sensor operators of the contact by transmitting initial contact report. 1.5 Monitor tracking of contacts to ensure the validity of the track. 1.6 Perform manual tracking of contacts in the event of loss of automatic tracking of critical contacts.
2. Recognise contact	2.1 Classify contacts. 2.2 Assign identity of contacts to enable quick reference and identification by other sensor operators. 2.3 Transmit supplementary contact reports. 2.4 Recognise information from other sources and reclassify contact designated as ambiguous as required.

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					Reading					Writing					Oral communication					Numeracy				

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 DEFSO008A Support the compilation of the tactical picture.

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 DEFSEN008 Support the compilation of the tactical picture

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.

- analysing and validating tactical information
- receiving and interpreting instructions
- interpreting sensor returns
- operating sensor display settings
- performing manual tracking
- recognising contacts and applying tracking
- reporting accurate information based on recognised contacts and tracks

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.

- air, surface and sub-surface contacts
- criteria for classifying contacts
- IFF system operation settings
- requirements for a valid contact
- requirements of a tactical display
- theory of radar
- theory of sonar

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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