



Australian Government

DEFSEN006 Optimise and monitor sensor display

Release: 1

DEFSEN006 Optimise and monitor sensor display

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 DEFSO006A Optimise and monitor sensor display. • Unit code updated • Content and formatting updated to comply with new standards • All PC transitioned from passive to active voice • PC 1.1 removed

Application

This unit describes the skills required to optimise and monitor sensor displays. This includes setting up and applying settings to sensor display. 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. Set up sensor display	1.1 Set up tactical display in accordance with required function and shift supervisor tasking. 1.2 Access and display tactical information. 1.3 Set up sensor display and build tactical picture using operational data from other sources.
2. Apply settings to sensor display	2.1 Select and set appropriate range scale. 2.2 Select and display sensor video to support the compilation of the tactical picture. 2.3 Prepare IFF system equipment to support the compilation of the tactical picture. 2.4 Perform sensor index error checks.
3. Monitor sensor performance and respond to sensor degradation	3.1 Monitor sensors for degradation and recommend rectification action to shift supervisor. 3.2 Liaise with other sensor operators to achieve optimum sensor performance. 3.3 Recognise and respond to sensor alarms.

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 DEFSO006A Optimise and monitor sensor display.

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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