



Australian Government

DEFSO008A Support the compilation of the tactical picture

Release: 2

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Modification History

Release	TP version	Comments
2	DEF12 V2	Layout adjusted.
1	DEF12 V1	First release.

Unit Descriptor

This unit covers the competency required to provide support to the compilation of a tactical picture.

Application of the Unit

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

This unit would typically be applied in an operations room setting and includes operating a sensor display in order 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 is applicable to Australian Defence Force (ADF) Combat Systems Operators and is intended for application in an operations room setting.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Not applicable.

Employability Skills Information

This unit contains employability skills.

Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a Unit of Competency.

Performance Criteria describe the required performance needed to demonstrate achievement of the element. Where ***bold italicised*** text is used, further information is detailed in the Range Statement. Assessment of performance is to be consistent with the Evidence Guide.

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. Detect and track contacts using sensors	1.1 Sensor display is monitored to detect <i>contacts</i> in accordance with <i>organisational policies and procedures</i> 1.2 Sensor returns are analysed to recognise valid contacts in accordance with organisational policies and procedures 1.3 Contacts are detected and tracked in accordance with organisational policies and procedures 1.4 <i>Initial contact report</i> is transmitted to alert shift supervisor and other sensor operators of the contact 1.5 Tracking of contacts is monitored to ensure the validity of the track 1.6 Manual tracking of contacts is performed in the event of loss of automatic tracking of critical contacts
2. Classify contact	2.1 Contacts are classified using organisational policies and procedures 2.2 Identity of contacts is assigned to enable quick reference and identification by other sensor operators 2.3 <i>Supplementary contact reports</i> are transmitted in accordance with organisational policies and procedures 2.4 Information from <i>other sources</i> is recognised and contact designated as ambiguous is reclassified as required

Required Skills and Knowledge

This describes the essential skills and knowledge and their level, required for this unit.

Required Skills

- accurately analyse and validate tactical information
- apply a range of problem solving strategies to work outcomes
- clearly articulate information and advice
- consistently evaluate and monitor own performance
- effectively communicate with operations room personnel and adequately receive and interpret instructions
- interpret sensor returns
- manage own tasks within timeframes
- operate sensor display settings
- perform manual tracking
- transmit information via voice and data link means of communications

Required Knowledge

- air, surface and sub-surface contacts
- criteria for classifying contacts
- IFF system operation settings
- organisational policies and procedures
- procedure to perform manual tracking
- requirements for a valid contact
- requirements of a tactical display
- roles and responsibilities of other sensor operators
- theory of radar
- theory of sonar

Evidence Guide

The evidence guide provides advice on assessment and must be read in conjunction with the Performance Criteria, Required Skills and Knowledge, the Range Statement and the Assessment Guidelines for this Training Package.

Critical aspects for assessment and evidence required to demonstrate competency in this unit

Assessment must confirm the ability to:

- accurately recognise contacts and apply tracking
- perform manual tracking
- report accurate information based on recognised contacts and tracks

Consistency in performance

Competency should be demonstrated over time and across a range of simulated or actual workplace situations.

Context of and specific resources for assessment

Context of assessment

Competency should be assessed in the workplace or in a simulated environment.

Specific resources for assessment

Access is required to:

- equipment and ancillary equipment typically used in a functioning operations room
- organisational policies and procedures relevant to a functioning operations room

Method of assessment

In a public safety environment assessment is usually conducted via direct observation in a training environment or in the workplace via subject matter supervision and/or mentoring, which is typically recorded in a competency workbook.

Assessment is completed using appropriately qualified assessors who select the most appropriate method of assessment.

Assessment may occur in an operational environment or in an industry-approved simulated work environment. Forms of assessment that are typically used include:

- direct observation
- interviewing the candidate
- journals and workplace documentation
- third party reports from supervisors
- written or oral questions

Range Statement

The Range Statement relates to the Unit of Competency as a whole. It allows for different work environments and situations that may affect performance. <i>Bold italicised</i> wording in the Performance Criteria is detailed below.	
<i>Sensor</i> may include:	• Radar • Sonar
<i>Contacts</i> may include:	• Air contacts • Surface contacts • Sub-surface contacts
<i>Organisational policies and procedures</i> may include:	• Orders • Instructions • Operating manuals • Standard Operating Procedures • Relevant Australian Standards • Relevant Commonwealth Acts • Relevant Maritime Laws • Security policy and procedure
<i>Initial contact report</i> may include:	• Bearing of contact • Classification of contact • Range of contact
<i>Supplementary contact reports</i> may include:	• Amplification of information • Anti-submarine report • Raid countdown reports • Situation reports • Warning offs
<i>Other sources</i> may include:	• Aircraft • Land based radar platforms • Other surface vessels

Unit Sector(s)

Not applicable.