



Australian Government

**DEFCO402C Transmit and receive
messages utilising Defence messaging
systems**

Release 2

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Modification History

Release	TP Version	Comments
2	DEF12V2	Layout adjusted. No changes to content.
1	DEF12V1	Primary release.

Unit Descriptor

This unit covers the competency required to process, transmit and receive messages utilising Defence messaging systems.

Application of the Unit

This unit was developed for communications and information systems operators working within Defence.

The processing, transmission, reception and distribution of messages utilising Defence messaging systems are a key component of the communications requirement within Defence and are fundamental requirements for communications and information systems operators.

Typically operators work independently and as part of a team under direct and/or indirect supervision, use discretion and judgement, and take responsibility for the quality of their outputs. All activities are carried out in accordance with relevant organisational policies and procedures.

No licensing, legislative, regulatory or certification requirements apply to this unit at the time of publication. In a Defence context, this means that there is no civilian need to hold this unit in order to meet licensing, legislative, regulatory or certification requirements.

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 Required Skills and Knowledge and/or the Range Statement. Assessment of performance is to be consistent with the Evidence Guide.

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. Prepare and transmit messages	1.1 Messages are processed in accordance with workplace requirements. 1.2 Messages are transmitted in accordance with specific workplace and Defence procedures.
2. Receive and distribute messages	2.1 Messages are received in accordance with specific workplace and Defence procedures. 2.2 <i>Message distribution</i> is undertaken in accordance with Defence guidelines and workplace requirements.
3. Maintain communication circuits to facilitate the flow of messages	3.1 <i>Communications circuits</i> and services are maintained to an acceptable standard. 3.2 Circuit engineering conforms with Defence procedures and workplace practices.

Required Skills and Knowledge

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

Required Skills

- configure basic circuits
- encourage team members
- follow instructions/directives and report information
- handle classified material correctly
- identify basic equipment faults
- operate communications equipment
- process messages
- provide timely and accurate reports
- use a variety of verbal and non-verbal communication techniques
- use active listening techniques
- use computer keyboard

Required Knowledge

- basic communications procedures
- basic radio propagation
- classified material handling procedures
- communications ancillary equipment
- composition of teams and roles and responsibilities of team members

- emission theory and control
- information exchange systems terminology and basic operations
- message format
- work health and safety (WHS) practices
- OTAT/OTAR procedures
- radiation hazard (RADHAZ) procedures and awareness
- satellite communications systems terminology and basic operations
- security procedures
- task specific equipment configuration/operation
- techniques for supporting others
- work environment layout

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:

- process, transmit and receive messages utilising Defence messaging systems
- correctly prepare communication equipment
- correctly configure communication circuit
- promptly make reports to appropriate personnel
- ensure circuit procedures comply with specific workplace requirements
- comply with WHS/radiation hazard policy
- correctly handle classified material
- comply with emission control policy
- maintain security

Consistency in performance

Competency should be demonstrated over time to ensure the individual is assessed across a wide variety of situations within the workplace.

Context of and specific resources for assessment

Context of assessment

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

Specific resources for assessment

Access is required to:

- Defence communications publications
- Defence security publications
- specific workplace operating procedures
- task specific communications equipment

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. ***Bold italicised*** wording in the Performance Criteria is detailed below.

<i>Message distribution</i> may include:	<ul style="list-style-type: none">• DLMS• NAVTIMS• POSEIDON• CMS• MERCURY• BCSS
<i>Communications circuits</i> may include	<ul style="list-style-type: none">• Tactical and strategic interfaces• Mobile interfaces• DISCON

Unit Sector(s)

Not applicable.