



**Australian Government**

# **DEFCMM003 Transmit and receive data via information exchange systems**

**Release: 1**

# DEFMM003 Transmit and receive data via information exchange systems

## Modification History

| Release | Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1       | <p>This unit was released in DEF Defence Training Package release 1.0 and meets the Standards for Training Packages.</p> <p>This unit supersedes and is equivalent to DEFCO403C Transmit and receive data via information exchange systems.</p> <ul style="list-style-type: none"><li>• Unit code updated</li><li>• Content and formatting updated to comply with new standards</li><li>• All PC transitioned from passive to active voice</li><li>• Element 2 revised</li><li>• PC 2.1 revised</li></ul> |

## Application

This unit describes the skills required to transmit and receive data via an information exchange system within Defence communications workplaces.

This unit was developed for communications and information systems operators working within Defence but may be relevant to others who work in this field.

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 independently and as part of a team, under direct and/or indirect supervision. They would perform routine tasks within specific communications environments while using discretion and judgement, and taking responsibility for the quality of their outputs.

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

## Competency Field

Communications

## 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.                   |
| <b>1. Transmit and receive data via information exchange systems</b> | 1.1 Process information exchange system messages.<br>1.2 Transmit and receive messages.                                                                                                                                   |
| <b>2. Maintain communications circuits</b>                           | 2.1 Maintain communications circuits and services to facilitate the flow of data between information exchange systems.<br>2.2 Ensure circuit engineering conforms with organisational procedures and workplace practices. |

## 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 <b>N/A</b> |   |   |   |   | Reading |   |   |   |   | Writing |   |   |   |   | Oral communication |   |   |   |   | Numeracy <b>N/A</b> |   |   |   |   |

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 DEFCO403C Transmit and receive data via information exchange systems.

## 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 DEFCMM003 Transmit and receive data via information exchange systems

## Modification History

| Release | Comments                                                                                                                                                                                                                                                                                          |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1       | <p>These Assessment Requirements were released in DEF Defence Training Package release 1.0 and meet the Standards for Training Packages.</p> <ul style="list-style-type: none"><li>• Assessment Requirements created drawing upon specified assessment information from superseded unit</li></ul> |

## 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.

- configuring basic circuits
- handling classified material
- identifying basic equipment faults
- processing messages
- ensuring circuit procedures comply with specific workplace requirements
- complying with WHS/radiation hazard policy
- complying with emission control policy
- maintaining security

## 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.

- basic communication 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 formats
- 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

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

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