

AS/NZS 4229.5:1994  
ISO/IEC ISP 10608-5:1992

AS/NZS 4229.5

## Australian/New Zealand Standard

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**Information technology—  
International standardized profile  
TAnnnn—Connection-mode  
transport service over  
connectionless-mode network  
service**

**Part 5: TA1111/TA1121 profiles  
including subnetwork-dependent  
requirements for X.25 packet-  
switched data networks using  
virtual calls**

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This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee IT/1, Information Systems—Interconnection. It was approved on behalf of the Council of Standards Australia on 15 June 1994 and on behalf of the Council of Standards New Zealand on 9 May 1994. It was published on 19 September 1994.

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## PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee IT/1 on Information Systems—Interconnection. It is identical with and has been reproduced from ISO/IEC ISP 10608-5:1992, *Information technology—International Standardized Profile TAnnnn—Connection-mode Transport Service over Connectionless-mode Network Service*, Part 5: *TA1111/TA1121 profiles including subnetwork-dependent requirements for X.25 packet-switched data networks using virtual calls*.

This Standard is issued as a Joint Standard under the terms of the Active Cooperation Agreement between Standards Australia and Standards New Zealand.

The objective of this Standard is to provide users of the OSI 7-layer network with a specification of subnetwork-type dependent requirements for end system operation when the end system is attached to a X.25 packet-switched data network by a dedicated access line and using switched virtual calls.

This Standard is Part 5 of AS/NZS 4229, *Information technology—International standardized profile TAnnnn—Connection-mode transport service over connectionless-mode network service*, which is published in the following parts (other parts are being prepared):

Part 1: General overview and subnetwork-independent requirements

Part 2: TA51 profile including subnetwork-dependent requirements for CSMA/CD local area networks

Part 5: TA1111/TA1121 profiles including subnetwork-dependent requirements for X.25 packet-switched data networks using virtual calls

This Standard is one of a series of Open Systems Interconnection (OSI) Standards which are currently under development. Since OSI Standards are developmental, there may be some minor difficulties encountered in their implementation. For this reason, Standards Australia will be providing, through the OSI Help Desk, a service to coordinate and disseminate information concerning difficulties which are identified in using this Standard.

Users of this Standard are advised by Standards Australia and Standards New Zealand, under arrangements made with ISO and IEC, as well as certain other Standards organizations, that the number of this Standard is not reproduced on each page; its identity is shown only on the cover and title pages.

For the purpose of this Standard, the source text should be modified as follows:

- (a) *Terminology* The words 'this Australian/New Zealand Standard' should replace the words 'this International Standard' wherever they appear.
- (b) *Decimal marker* Substitute a full point for a comma where it appears as a decimal marker.
- (c) *References* The references to international Standards should be replaced by references, where appropriate, to the following Australian or Joint Australian/New Zealand Standards:

*Reference to International Standard  
or other publication*

*Australian or Joint*

*Australian/New Zealand Standard*

ISO

8473

Information processing systems—  
Data communications—Protocol  
for providing the connectionless-  
mode network service

AS/NZS

3682

Information processing systems—  
Data communications—Protocol  
for providing the connectionless-  
mode network service

| ISO               |                                                                                                                                                                                                                                                                  | AS/NZS |                                                                                                                                                                                                                                                       |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9542              | Information processing systems—Telecommunications and information exchange between systems—End system to Intermediate system routing exchange protocol for use in conjunction with the Protocol for providing the connectionless-mode network service (ISO 8473) | 3651   | Information processing systems—Telecommunications and information exchange between systems—End system to intermediate system routing exchange protocol for use in conjunction with the protocol for providing the connectionless-mode network service |
| ISO/IEC 8208      | Information technology—Data communications—X.25 Packet Level protocol for Data Terminal Equipment                                                                                                                                                                | 3621   | Information technology—Data communications—X.25 packet layer protocol for data terminal equipment                                                                                                                                                     |
| 8208/Amd.3        | Amendment 3: Conformance requirements                                                                                                                                                                                                                            |        |                                                                                                                                                                                                                                                       |
| ISO/IEC ISP 10608 | Information technology—International Standardized Profile TAnnnn—Connection-mode Transport Service over Connectionless-mode Network Service                                                                                                                      | 4229   | Information technology—International standardized profile TAnnnn—Connection-mode transport service over connectionless-mode network service                                                                                                           |
| 10608-1           | Part 1: General overview and subnetwork-type independent requirements                                                                                                                                                                                            | 4229.1 | Part 1: General overview and subnetwork-type independent requirements                                                                                                                                                                                 |
| 10609             | Information technology—International Standardized Profile TB, TC, TD, TE—Connection-mode Transport Service over connection-mode Network Service                                                                                                                  | 4170   | Information technology—International standardized profiles TB, TC, TD and TE—Connection-mode transport service over connection-mode network service                                                                                                   |
| 10609-9           | Part 9: Subnetwork-type dependent requirements for Network Layer, Data-link Layer and Physical Layer concerning permanent access to a packet-switched data network using virtual calls                                                                           | 4170.9 | Part 9: Subnetwork-type dependent requirements for the network layer, data link layer and physical layer concerning permanent access to a packet-switched data network using virtual calls                                                            |