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INFORMATION PROCESSING SYSTEMS— OPEN SYSTEMS INTERCONNECTION— BASIC CONNECTION ORIENTED SESSION PROTOCOL SPECIFICATION

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This Australian Standard was prepared by Committee IS/1, Information Processing Systems. It was approved on behalf of the Council of the Standards Association of Australia on 8 September 1988 and published on 12 December 1988.

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AUSTRALIAN STANDARD

INFORMATION PROCESSING SYSTEMS— OPEN SYSTEMS INTERCONNECTION— BASIC CONNECTION ORIENTED SESSION PROTOCOL SPECIFICATION

AS 3592—1988

First published as AS 3592—1988.

PUBLISHED BY THE STANDARDS ASSOCIATION OF AUSTRALIA
STANDARDS HOUSE, 80 ARTHUR ST, NORTH SYDNEY, N.S.W.

ISBN 0 7262 5262 X

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PREFACE

This Standard was prepared by the Association's Committee on Information Processing Systems. It is identical with, and has been reproduced from, International Standard ISO 8327:1987, drawn up by ISO TC 97, Information Processing Systems.

This Standard specifies—

(a) procedures for a single protocol for the transfer of data and control information from one session entity to a peer session entity;

(b) the means of selecting the functional units to be used by the session entities;

(c) the structure and encoding of the session protocol data units used for the transfer of data and control information.

The procedures are defined in terms of—

(a) the interactions between peer session entities through the exchange of session protocol data units;

(b) the interactions between a session entity and the session service user in the same system through the exchange of session service primitives;

(c) the interactions between a session entity and the transport service provider through the exchange of transport service primitives.

These procedures are applicable to instances of communication between systems which support the Session Layer of the OSI Reference Model and which wish to interconnect in an open systems environment.

This Standard also specifies conformance requirements for systems implementing these procedures. It does not contain tests which can be used to demonstrate this conformance.

The 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, SAA will be providing a limited interpretation service to coordinate and disseminate information concerning difficulties which are identified in using this Standard.

For the purpose of this Australian Standard, the text of the ISO Standard given herein should be modified as follows:

(a) *Terminology.* The words 'Australian Standard' should replace the words 'International Standard' wherever they appear.

(b) *Cross-references.* The references to International Standards should be replaced by references to Australian Standards as follows:

Reference to International Standard		*Appropriate Australian Standard*	
ISO 7498	Information processing systems—Open Systems Interconnection—Basic reference model	AS 2777	Information processing systems—Open Systems Interconnection—Basic reference model
ISO 7498/Add.3	Information processing systems—Open Systems Interconnection—Basic reference model—Addendum 3: Naming and addressing	—	
ISO 8072	Information processing systems—Open Systems Interconnection—Transport service definition	AS 2911	Information processing systems—Open Systems Interconnection—Transport service definitions (ISO 8072)
ISO 8326	Information processing systems—Open Systems Interconnection—Basic connection oriented session service definition	AS 3591	Information processing systems—Open Systems Interconnection—Basic connection oriented session service definition
CCITT	Recommendation T.62, Control Procedures for the teletex and Group 4 facsimile service	—	

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