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Australian Standard[®]

**Information processing systems—
Text communication—Remote
Operations**

Part 2: Protocol specification

This Australian Standard was prepared by Committee IT/1, Information Systems—Interconnection. It was approved on behalf of the Council of Standards Australia on 8 March 1991 and published on 13 May 1991.

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PREFACE

This Standard was prepared by the Standards Australia Committee on Information Systems — Interconnection. It is identical with and has been reproduced from ISO/IEC 9072-2: 1989, *Information processing systems—Text communication—Remote Operations—Part 2: Protocol specification*.

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<i>Reference to International Standard</i>		<i>Australian Standard</i>	
ISO		AS	
7498	Information processing systems—Open Systems Interconnection — Basic Reference Model	2777	Information processing systems—Open Systems Interconnection — Basic reference model
8509	Information processing systems—Open Systems Interconnection — Service Conventions	3627	Information processing systems—Open Systems Interconnection — Service conventions
8649	Information processing systems—Open Systems Interconnection — Service definition for the Association Control Service Element	—	
8650	Information processing system — Open Systems Interconnection — Protocol specification for the Association Control Service Element	—	
8822	Information processing systems—Open Systems Interconnection—Connection oriented presentation service definition	—	
8824	Information processing systems—Open Systems Interconnection—Specification of Abstract Syntax Notation One (ASN.1)	3625	Information processing systems—Open Systems Interconnection—Specification of Abstract Syntax Notation One (ASN.1)
8825	Information processing systems—Open Systems Interconnection—Specification of basic encoding rules for Abstract Syntax Notation One (ASN.1)	3626	Information processing systems—Open Systems Interconnection—Specification of basic encoding rules for Abstract Syntax Notation One (ASN.1)
9066	Information processing systems — Text communication—Reliable Transfer	—	
9066-1	Part 1: Model and service definition	—	
9066-2	Part 2: Protocol specification	—	
9072	Information processing systems — Text communication—Remote Operations	—	
9072-1	Part 1: Model, notation and service definition	—	

CONTENTS

	<i>Page</i>
1 Scope	4
2 Normative references	4
3 Definitions	5
4 Abbreviations	6
5 Conventions	6
6 Overview of the protocol	6
7 Elements of procedure	6
8 Mapping to used services	15
9 Abstract syntax definition of APDUs	17
10 Conformance	20
Annexes	
A ROPM State tables	21
B Differences between this part of ISO/IEC 9072 and CCITT Recommendation X.410-1984	30
C Summary of assigned object identifier values	31

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Information processing systems—Text communication— Remote Operations

Part 2: Protocol specification

1 Scope

This part of ISO/IEC 9072 specifies the protocol (abstract syntax) and procedures for the Remote Operation Service Element (part 1 of this International Standard). The ROSE services are provided in conjunction with the Association Control Service Element (ACSE) services (ISO 8649) and the ACSE protocol (ISO 8650), optionally the Reliable Transfer Service Element (RTSE) services (ISO/IEC 9066-1) and the RTSE protocol (ISO/IEC 9066-2), and the presentation-service (ISO 8822).

The ROSE procedures are defined in terms of

- a) the interactions between peer ROSE protocol machines through the use of RTSE services or the presentation-service;
- b) the interactions between the ROSE protocol machine and its service-user.

This part of ISO/IEC 9072 specifies conformance requirements for systems implementing these procedures.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this part of ISO/IEC 9072. At the time of publication, the editions were valid. All Standards are subject to revision, and parties to agreement based on this part of ISO/IEC 9072 are encouraged to investigate the possibility of applying the most recent editions of the standards listed below. Members of ISO and IEC maintain Registers of currently valid International Standards.

ISO/IEC 7498: 1984, *Information processing systems—Open Systems Interconnection—Basic Reference Model*.

ISO/TR 8509: 1987, *Information processing systems—Open Systems Interconnection—Service Conventions*.

ISO 8649: 1988, *Information processing systems—Open Systems Interconnection—Service definition for the Association Control Service Element*.

ISO 8650: 1988, *Information processing systems—Open Systems Interconnection—Protocol specification for the Association Control Service Element*.

ISO 8822: 1988, *Information processing systems—Open Systems Interconnection—Connection oriented presentation service definition*.

ISO 8824: 1987, *Information processing systems—Open Systems Interconnection—Specification of Abstract Syntax Notation One (ASN.1)*.

ISO 8825: 1987, *Information processing systems—Open Systems Interconnection—Specification of basic encoding rules for Abstract Syntax Notation One (ASN.1)*.

ISO/IEC 9066-1: 1989, *Information processing systems—Text communication—Reliable Transfer—Part 1: Model and service definition*.

ISO/IEC 9066-2: 1989, *Information processing systems—Text communication—Reliable Transfer—Part 2: Protocol specification*.

ISO/IEC 9072-1: 1989, *Information processing systems—Text communication—Remote Operations—Part 1: Model, notation and service definition*.