AS 60870.1.3—1998 IEC 60870-1-3:1997

Australian Standard®

Telecontrol equipment and systems

Part 1.3: General considerations— Glossary

[IEC title: Telecontrol equipment and systems, Part 1: General considerations, Section Three: Glossary]

This Australian Standard was prepared by Committee IT/24, Supervisory Control and Data Acquisition. It was approved on behalf of the Council of Standards Australia on 23 September 1997 and published on 5 January 1998.

The following interests are represented on Committee IT/24:

Association of Consulting Engineers Australia

AUSTEL

Australasian Railway Association

Australian Electrical and Electronic Manufacturers Association

Australian Fire Authorities Council

Australian Gas Association

Australian Pipeline Industry Association

Australian Security Industry Association

AUSTROADS

CIGRE AP35

Electricity Supply Association of Australia

Fire Protection Association of Australia

Institution of Engineers Australia

Telstra Corporation

Water Services Association of Australia

Review of Australian Standards. To keep abreast of progress in industry, Australian Standards are subject to periodic review and are kept up to date by the issue of amendments or new editions as necessary. It is important therefore that Standards users ensure that they are in possession of the latest edition, and any amendments thereto.

Full details of all Australian Standards and related publications will be found in the Standards Australia Catalogue of Publications; this information is supplemented each month by the magazine 'The Australian

Standard', which subscribing members receive, and which gives details of new publications, new editions and amendments, and of withdrawn Standards. Suggestions for improvements to Australian Standards, addressed to the head office of Standards Australia, are welcomed. Notification of any inaccuracy or ambiguity found in an Australian Standard should be made without delay in order that the matter may be investigated and appropriate action taken.

AS 60870.1.3-1998

Australian Standard®

Telecontrol equipment and systems

Part 1.3: General considerations— Glossary

First published as AS 60870.1.3—1998.

PUBLISHED BY STANDARDS AUSTRALIA (STANDARDS ASSOCIATION OF AUSTRALIA) 1 THE CRESCENT, HOMEBUSH, NSW 2140 ii

PREFACE

This Standard was prepared by the Standards Australia Committee IT/24, Supervisory Control and Data Acquisition.

The Standard is identical with and has been reproduced from IEC 60870-1-3:1997, *Telecontrol equipment and systems*, Part 1: *General considerations*—Section Three: *Glossary*.

IEC has decided to apply a new numbering system, the 60000 series, to all its existing and future publications, including amendments to existing Standards. As a consequence, IEC has modified the bibliographic references in its databases to accord with the new numbering system. All IEC publications issued since the beginning of 1997 will carry references in terms of the 60000 series numbering. Publications printed earlier than 1997 will continue to carry the old series of numbers. For example, a reference to the IEC 60870 series of Standards will be to IEC 870 if the current edition of the Standard was printed prior to 1997.

The objective of this Standard is to provide manufacturers and users of telecontrol equipment and systems with a glossary of telecontrol terms in order to obtain consistency in their usage in Australia.

As this Standard is reproduced from an international Standard, the following applies:

- (a) Its number does not appear on each page of text and its identity is shown only on the cover and title page.
- (b) In the source text 'this International Standard' should read 'this Australian Standard'.
- (c) A full point substitutes for a comma when referring to a decimal marker.

The references to international Standards should be replaced by references to the following Australian or Joint Australian/New Zealand Standards.

Reference to International Standard or other Publication		Australian or Joint Australian/New Zealand Standard	
IEC 60050 60050(191)	International Electrotechnical Vocabulary (IEV) Chapter 191: Dependability and quality of service	AS 1852 —	International Electrotechnical Vocabulary
60050(351) 60050(371) 60050(721)	Chapter 351: Automatic Control Chapter 371: Telecontrol Chapter 721: Telegraphy, facsimile and data communication	 1852.371 	Part 371: Telecontrol
60870	Telecontrol equipment and systems	60870	Telecontrol equipment and systems
60870-1-4	Part 1: General considerations Section 4: Basic aspects of telecontrol data transmission and organization of standards IEC 60870-5 and IEC 60870-6	60870.1.4	Part 1.4: General considerations— Basic aspects of telecontrol data transmission and organization of standards IEC 60870-5 and IEC 60870-6
60870-2-1	Part 2: Operating conditions— Section 1: Power supply and electromagnetic compatibility	60870.2.1	Part 2.1: Operating conditions— Power supply and electromagnetic compatibility

iii

IEC		AS
60870-5-3	Part 5: Transmission protocols— Section 3: General structure of application data	60870.5.3
60870-5-4	Part 5: Transmission protocols— Section 4: Definition and coding of application information elements	60870.5.4
60870-5-5	Part 5: Transmission protocols— Section 5: Basic application functions	60870.5.5
60870-5-101	Part 5: Transmission protocols— Section 101: Companion standard for basic telecontrol tasks	
60870-6-501	Part 6: Telecontrol protocols compatible with ISO standards and ITU-T recommendations— Section 501: TASE.1 Service definitions	_
60870-6-502	Part 6: Telecontrol protocols compatible with ISO standards and ITU-T recommendations— Section 502: TASE.1 Protocol definitions	
ISO		AS/NZS
7498	Information technology— Open Systems Interconnection— Basic Reference Model	2777
7498-1	The Basic Model	2777.1 AS
7498-2	Part 2: Security Architecture	2777.2
8326	Information processing systems— Open Systems Interconnection— Basic connection oriented session service definition	3591
TR 8509	Information processing systems— Open Systems Interconnection— Service Conventions	3620
8648	Information processing systems— Open Systems Interconnection— Internal organization of the Network Layer	3622
ISO/IEC		AS/NZS
2382	Information technology— Vocabulary	1189
2382-9	Part 9: Data communication	1189.9
3309	Information technology— Telecommunications and information exchange between systems—High-level data link control (HDLC) procedures— Frame structure	2572

AS	
60870.5.3	Part 5.3: Transmission protocols—
	General structure of application
	data
60870.5.4	Part 5.4: Transmission protocols—
	Definition and coding of
	application information elements
60870.5.5	Part 5.5: Transmission protocols—
	Basic application functions

AB/ILD	
2777	Information processing systems-
	Open Systems Interconnection—
	Basic reference model
2777.1	Part 1: The basic model
AS	
2777.2	Part 2: Security architecture
3591	Information processing systems— Open Systems Interconnection— Basic connection oriented session service definition
3620	Information processing systems— Open Systems Interconnection— Service conventions
3622	Information processing systems— Open Systems Interconnection— Internal organization of the network layer
AS/NZS	
1189	Data processing—Vocabulary
1189.9	Part 9: Data communication
2572	Information technology— Telecommunications and information exchange between systems—High-level data link control (HDLC)—Frame structure



This is a free preview. Purchase the entire publication at the link below:

Product Page

S Looking for additional Standards? Visit Intertek Inform Infostore

> Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation