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.

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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

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First published as AS 60870.1.3—1998.

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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		AS	
60050	International Electrotechnical Vocabulary (IEV)	1852	International Electrotechnical Vocabulary
60050(191)	Chapter 191: Dependability and quality of service	—	
60050(351)	Chapter 351: Automatic Control	—	
60050(371)	Chapter 371: Telecontrol	1852.371	Part 371: Telecontrol
60050(721)	Chapter 721: Telegraphy, facsimile and data communication	—	
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

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IEC		AS	
60870-5-3	Part 5: Transmission protocols— Section 3: General structure of application data	60870.5.3	Part 5.3: Transmission protocols— General structure of application data
60870-5-4	Part 5: Transmission protocols— Section 4: Definition and coding of application information elements	60870.5.4	Part 5.4: Transmission protocols— Definition and coding of application information elements
60870-5-5	Part 5: Transmission protocols— Section 5: Basic application functions	60870.5.5	Part 5.5: Transmission protocols— Basic application functions
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	Information processing systems— Open Systems Interconnection— Basic reference model
7498-1	The Basic Model	2777.1 AS	Part 1: The basic model
7498-2	Part 2: Security Architecture	2777.2	Part 2: Security architecture
8326	Information processing systems— Open Systems Interconnection— Basic connection oriented session service definition	3591	Information processing systems— Open Systems Interconnection— Basic connection oriented session service definition
TR 8509	Information processing systems— Open Systems Interconnection— Service Conventions	3620	Information processing systems— Open Systems Interconnection— Service conventions
8648	Information processing systems— Open Systems Interconnection— Internal organization of the Network Layer	3622	Information processing systems— Open Systems Interconnection— Internal organization of the network layer
ISO/IEC		**AS/NZS**	
2382	Information technology— Vocabulary	1189	Data processing—Vocabulary
2382-9	Part 9: Data communication	1189.9	Part 9: Data communication
3309	Information technology— Telecommunications and information exchange between systems—High-level data link control (HDLC) procedures— Frame structure	2572	Information technology— Telecommunications and information exchange between systems—High-level data link control (HDLC)—Frame structure