

AS 3514—1987

Australian Standard<sup>®</sup>

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**INFORMATION PROCESSING—  
TEXT AND OFFICE SYSTEMS—  
STANDARD GENERALIZED  
MARKUP LANGUAGE (SGML)**

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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 27 October 1987 and published on 1 December 1987.

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The following interests are represented on Committee IS/1:

Australian Association of Permanent Building Societies:  
Australian Banker's Association  
Australian Bureau of Statistics  
Australian Computer Equipment Manufacturers Association  
Australian Computer Society  
Australian Computer Users Association  
Australian Computing Services Association  
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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 8879—1986; drawn up by ISO TC 97, Information Processing Systems.

This Standard:

- specifies an abstract syntax known as the Standard Generalized Markup Language (SGML). The language expresses the description of a document's structure and other attributes, as well as other information that makes the markup interpretable.
- specifies a reference concrete syntax that binds the abstract syntax to specific characters and numeric values, and criteria for defining variant concrete syntaxes.
- defines conforming documents in terms of their use of components of the language.
- defines conforming systems in terms of their ability to process conforming documents and to recognize markup errors in them.
- specifies how data not defined by this Standard (such as images, graphics, or formatted text) can be included in a conforming document.

The Standard is one of a series of Open Systems Interconnection (OSI) Standards which are currently under development or in the course of publication. 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:

<i>Reference to International Standard</i>	<i>Appropriate Australian Standard</i>
ISO 639, Codes for the representation of names of languages.	No Australian equivalent.
ISO 646, Information processing—7-bit coded character set for information interchange.	AS 1776, Information processing—7-bit coded character set for information interchange.
ISO 9069, Information processing SGML support facilities—SGML Document Interchange Format (SDIF).	No Australian equivalent.
ISO 9070, Information processing SGML support facilities—Registration procedures for public text.	No Australian equivalent.
ISO 2022, Information processing—ISO 7-bit and 8-bit coded character sets—Code extension techniques.	AS 1953, Information processing—ISO 7-bit and 8-bit coded character sets—Code extension techniques.
ISO 3166, Codes for the representation of names of countries.	AS 2632, Codes for the representation of names of countries.
ISO 4873, Information processing—ISO 8-bit code for information interchange Structure and rules for implementation.	No Australian equivalent.
ISO 6937, Information processing—Coded character sets for text communication.	AS 2793 series, Information processing—Coded character sets for text communication.

*Reference to International Standard*

*Appropriate Australian Standard*

ISO 8632/2, Information processing systems—Computer graphics—Metafile for the storage and transfer of picture description information—Part 2: Character encoding.

No Australian equivalent.

ISO 8632/4, Information processing systems—Computer graphics Metafile for the storage and transfer of picture description information—Part 4: Clear text encoding.

No Australian equivalent.

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