AS 1189.12—1991 ISO 2382-12: 1988

Australian Standard®

Data processing—Vocabulary

Part 12: Peripheral equipment

This Australian Standard was prepared by Committee IT/9, Information Systems—Vocabulary and Software. It was approved on behalf of the Council of Standards Australia on 12 December 1990 and published on 28 March 1991.

The following interests are represented on Committee IT/9:

Attorney-Generals Department

**AUSTEL** 

Australian Bankers Association

Australian Bureau of Statistics

Australian Chamber of Manufactures

CSIRO, Institute of Information and Communications Technologies

Department of Defence

Department of Finance

Telecom Australia

Universities and Colleges

**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which subscribing members receive, and which gives details of new publications, new editions and amendments, and of withdrawn Standards.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 1189.12—1991

## Australian Standard®

# Data processing—Vocabulary Part 12: Peripheral equipment

First published as part of AS 1189—1972, AS 1189—1972 revised and redesignated in part as AS 1189.12—1982. Second edition—1991. 2

#### **PREFACE**

This Standard was prepared by the Standards Australia Committee on Information Systems—Vocabulary and Software. It is identical with and has been reproduced from ISO 2382-12:1988—Information processing systems—Vocabulary—Part 12: Peripheral equipment.

The complete Standard comprises the following parts:

Part 0: Consolidated index Part 1: Fundamental terms

Part 2: Arithmetic and logic operations

Part 3: Equipment technology Part 4: Organization of data Part 5: Representation of data

Part 6: Preparation and handling of data Part 7: Digital computer programming

Part 9: Data communication

Part 10: Operating techniques and facilities

Part 11: Control, input-output and arithmetic equipment Part 12: Data media, storage and related equipment

Part 13: Computer graphics

Part 14: Reliability, maintenance and availability

Part 15: Programming languages

Part 16: Information theory Part 19: Analog computing

Part 21: Interfaces between process computer systems and technical processes

Part 22: Calculators

Part 24: Numerical control of machines

Other parts of this Standard will be published when completed.

Under arrangements made between Standards Australia and the International Standards Bodies, ISO and IEC, as well as certain other Standards organizations, users of this Australian Standard are advised of the following:

- (a) Copyright is vested in Standards Australia.
- (b) The number of this Standard is not reproduced on each page; its identity is shown only on the cover and title pages.

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

- (i) Terminology The words 'Australian Standard' should replace the words 'International Standard' wherever they appear.
- (ii) References The references to International Standards should be replaced by references to Australian Standards as follows:

Reference to International Standards

ISO
639 Codes for the representation of names of languages

1087 Terminology—Vocabulary

Australian Standard
AS
—
—

#### $\odot$ Copyright — STANDARDS AUSTRALIA

Users of Standards are reminded that copyright subsists in all Standards Australia publications and software. Except where the Copyright Act allows and except where provided for below no publications or software produced by Standards Australia may be reproduced, stored in a retrieval system in any form or transmitted by any means without prior permission in writing from Standards Australia. Permission may be conditional on an appropriate royalty payment. Requests for permission and information on commercial software royalties should be directed to the head office of Standards Australia.

Standards Australia will permit up to 10 percent of the technical content pages of a Standard to be copied for use exclusively in-house by purchasers of the Standard without payment of a royalty or advice to Standards Australia.

Standards Australia will also permit the inclusion of its copyright material in computer software programs for no royalty payment provided such programs are used exclusively in-house by the creators of the programs.

Care should be taken to ensure that material used is from the current edition of the Standard and that it is updated whenever the Standard is amended or revised. The number and date of the Standard should therefore be clearly identified.

The use of material in print form or in computer software programs to be used commercially, with or without payment, or in commercial contracts is subject to the payment of a royalty. This policy may be varied by Standards Australia at any time.

### CONTENTS

| Section one: General Pa            |                                |  |    |  |  |  |  |
|------------------------------------|--------------------------------|--|----|--|--|--|--|
| 1                                  | Scope and field of application |  |    |  |  |  |  |
| 2                                  | References                     |  |    |  |  |  |  |
| 3                                  | Principles and rules followed  |  |    |  |  |  |  |
|                                    | 3.1                            | Definition of an entry   | 4  |  |  |  |  |
|                                    | 3.2                            | Organization of an entry   | 4  |  |  |  |  |
|                                    | 3.3                            | Classification of entries  | 4  |  |  |  |  |
|                                    | 3.4                            | 3.4 Selection of terms and wording of definitions                          |    |  |  |  |  |
|                                    | 3.5 Multiple meanings          |  |    |  |  |  |  |
|                                    | 3.6                            | Abbreviations  | 4  |  |  |  |  |
|                                    | 3.7                            | Use of parentheses   | 5  |  |  |  |  |
|                                    | 3.8                            | Use of brackets  | 5  |  |  |  |  |
|                                    | 3.9                            | Use of terms printed in italic typeface in definitions and use of asterisk | 5  |  |  |  |  |
|                                    | 3.10                           | Spelling   | 5  |  |  |  |  |
|                                    | 3.11                           | Organization of the alphabetical index                                     | 5  |  |  |  |  |
| Section two: Terms and definitions |                                |  |    |  |  |  |  |
| 12                                 | 2 Peripheral equipment         |  |    |  |  |  |  |
|                                    | 12.01                          | Data media – General   | 6  |  |  |  |  |
|                                    | 12.02                          | Functional characteristics of storage                                      | 9  |  |  |  |  |
|                                    | 12.03                          | Technology of storage devices  | 11 |  |  |  |  |
|                                    | 12.04                          | Magnetic tapes   | 13 |  |  |  |  |
|                                    | 12.05                          | Magnetic disk and magnetic drum storage                                    | 14 |  |  |  |  |
|                                    | 12.06                          | Punched data media and units   | 15 |  |  |  |  |
|                                    | 12.07                          | Printers   | 16 |  |  |  |  |
|                                    | 12.08                          | Other peripheral equipment   | 18 |  |  |  |  |
| Alphabetical index 22              |                                |  |    |  |  |  |  |



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

**Product Page** 

- Dooking for additional Standards? Visit Intertek Inform Infostore
- Dearn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation