International Standard ISO 7665

Information processing — File structure and labelling of flexible disk cartridges for information interchange

Traitement de l'information — Structure des fichiers et étiquetage des cartouches à disquette pour l'échange d'information

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of developing International Standards is carried out through ISO technical committees. Every member body interested in a subject for which a technical committee has been authorized has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 7665 was developed by Technical Committee ISO/TC 97, *Information processing systems*, and was circulated to the member bodies in October 1982.

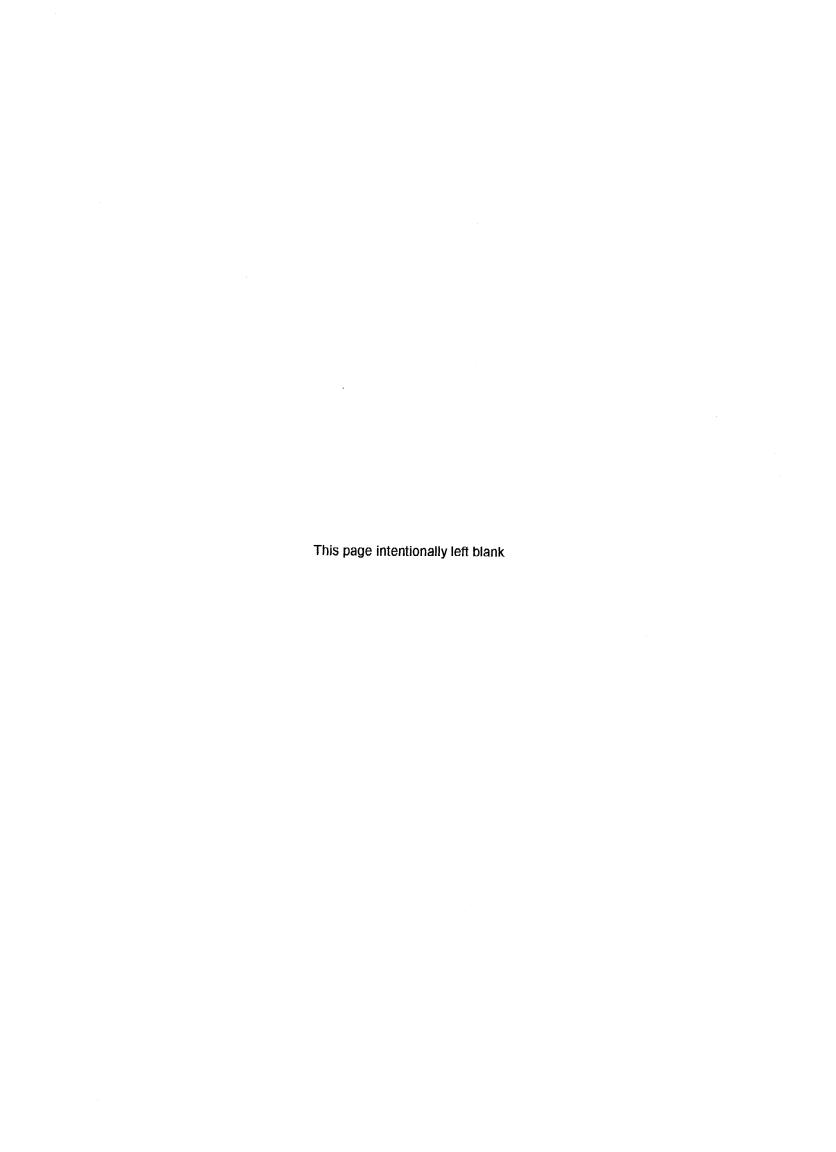It has been approved by the member bodies of the following countries :

Australia	Italy	Sweden
Belgium	Japan	Switzerland
Cuba	Mexico	United Kingdom
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No member body expressed disapproval of the document.

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Information processing — File structure and labelling of flexible disk cartridges for information interchange

1 Scope and field of application

This International Standard specifies requirements for the file structure and the labelling of flexible disk cartridges for the interchange of information between users of different information processing systems.

This International Standard specifies

a) recorded labels to identify files, file sections, and volumes of flexible disk cartridges;

b) basic characteristics of the blocks containing the records constituting the file;

c) the file structure.

This International Standard specifies three nested levels of interchange so that

a) at the first level, called BASIC INTERCHANGE (BI), it is possible to interchange data by using a minimum set of the facilities provided;

b) at the second level, called EXTENDED INTERCHANGE LEVEL 1 (E1), it is possible to interchange data using the minimum set together with blocks having a length greater than that of the physical records and with blocked fixed-length records;

c) at the third level, called EXTENDED INTERCHANGE LEVEL 2 (E2), it is possible to interchange data using the facilities of levels BI and E1 together with variable-length records and segmented records.

Annex A describes examples but does not form part of this standard.

Annex B gives disk parameter values derived from flexible disk data interchange standards, but does not form part of this standard.

2 Conformance

A flexible disk cartridge conforms to this International Standard when all interchange files and all labels recorded on it conform to the specifications of this International Standard. A state-ment of conformity shall identify the level or levels of interchange to which the contents of the flexible disk cartridge conform.

A prerequisite is conformance to the applicable flexible disk cartridge data interchange standards identified in this International Standard for the different types of flexible disks.

3 References

ISO 646, *Information processing — ISO 7-bit coded character set for information interchange.*

ISO 2022, *Information processing — ISO 7-bit and 8-bit coded character sets — Code extension techniques.*

ISO 4873, *Information processing — 8-bit coded character set for information interchange.*

ISO 5654, *Information processing — Data interchange on 200 mm (8 in) flexible disk cartridges using two-frequency recording at 13 262 ftprad on one side —*

   Part 1: Dimensional, physical and magnetic characteristics.

   Part 2: Track format.

ISO 6596, *Information processing — Data interchange on 130 mm (5.25 in) flexible disk cartridges using two-frequency recording at 7 958 ftprad on one side —*

   Part 1: Dimensional, physical and magnetic charcteristics.

   Part 2: Track format for 1,9 tpmm (48 tpi). [1]

ISO 7065, *Information processing — Data interchange on 200 mm (8 in) flexible disk cartridges using modified frequency modulation recording at 13 262 ftprad on two sides —*

   Part 1: Dimensional, physical and magnetic characteristics.

   Part 2: Track format for 1,9 tpmm (48 tpi). [1]

ISO 7487, *Information processing — Data interchange on 130 mm (5.25 in) flexible disk cartridges using modified frequency modulation recording at 7 958 ftprad on two sides —*

   Part 1: Dimensional, physical and magnetic characteristics. [1]

   Part 2: Track format. [1]

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[1] At present at the stage of draft.

ECMA-59, *Data interchange on* 200 mm *flexible disk cartridges using two-frequency recording at* 13 262 ftprad *on both sides.*

ECMA-78, *Data interchange on* 130 mm *flexible disk cartridges using MFM recording at* 7 958 ftprad *on both sides, 3,8 tracks per millimetre.*