
International Standard



6596/2

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Information processing — Data interchange on 130 mm (5.25 in) flexible disk cartridges using two-frequency recording at 7 958 ftprad, 1,9 tpmm (48 tpi), on one side — Part 2 : Track format

Traitement de l'information — Échange de données sur cartouches à disquette de 130 mm (5,25) in) utilisant un enregistrement à deux fréquences à 7 958 ftprad, 1,9 tpmm (48 tpi), sur une face — Partie 2 : Schéma de piste

First edition — 1985-04-15

UDC 681.327.63

Ref. No. ISO 6596/2-1985 (E)

Descriptors : data processing, information interchange, data recording devices, magnetic disks, flexible disks, track formats, specifications.

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established 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. They are approved in accordance with ISO procedures requiring at least 75 % approval by the member bodies voting.

International Standard ISO 6596/2 was prepared by Technical Committee ISO/TC 97, *Information processing systems*.

Contents

	Page
0 Introduction	1
1 Scope and field of application	1
2 Conformance	1
3 References	1
4 General requirements	1
5 Track layout after the first formatting for track 00	3
6 Track layout after the first formatting for tracks 01-34	4
7 Track layout of a recorded flexible disk for data interchange	5
Annexes	
A Use of additional tracks	8
B EDC implementation	9
C Procedure and equipment for measuring flux transition spacing	10

This page intentionally left blank

Information processing — Data interchange on 130 mm (5.25 in) flexible disk cartridges using two-frequency recording at 7 958 ftprad, 1,9 tpmm (48 tpi), on one side — Part 2: Track format

0 Introduction

ISO 6596 specifies the characteristics of data interchange on 130 mm (5.25 in) flexible disk cartridges using two-frequency recording at 7 958 ftprad, 1,9 tpmm (48 tpi), on one side.

ISO 6596/1 specifies the dimensional, physical, and magnetic characteristics of the cartridge so as to provide physical interchangeability between data processing systems.

Together with the labelling scheme specified in ISO 7665, ISO 6596/1 and ISO 6596/2 provide for full data interchange between data processing systems.

ISO 4873, *Information processing — ISO 8-bit code for information interchange — Structure and rules for implementation.*

ISO 6596/1, *Information processing — Data interchange on 130 mm (5.25 in) flexible disk cartridges using two-frequency recording at 7 958 ftprad, 1,9 tpmm (48 tpi), on one side — Part 1: Dimensional, physical and magnetic characteristics.*

ISO 7665, *Information processing — File structure and labelling of flexible disk cartridges for information interchange.*

1 Scope and field of application

This part of ISO 6596 specifies the magnetic characteristics, the track layout, and a track format to be used on a 130 mm (5.25 in) flexible disk cartridge, recorded at 7 958 ftprad on one side using two-frequency recording at a track density of 1,9 tracks per millimetre (tpmm) [48 tracks per inch (tpi)], which is intended for data interchange between data processing systems.

NOTE — Numeric values in the SI and/or Imperial measurement system in this International Standard may have been rounded off and therefore are consistent with, but not exactly equal to, each other. Either system may be used, but the two should be neither intermixed nor re-converted. The original design for this part of ISO 6596 was made using SI units.

2 Conformance

A flexible disk cartridge shall be in conformance with ISO 6596 when it meets all the requirements of parts 1 and 2 of ISO 6596.

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.*