

Punched cards —

Part 3: Specification for representation of 7-bit and 8-bit coded character sets on 12-row punched cards

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Office and Information Standards Committee (IST/-) to Technical Committee IST/2, upon which the following bodies were represented:

- Association for Literary and Linguistic Computing
- British Federation of Printing Machinery and Supplies Ltd.
- British Radio and Electronic Equipment Manufacturers' Association
- British Telecommunications plc
- Business Equipment Trade Association
- Computing Services Association
- Independent Broadcasting Authority
- Institution of Electrical Engineers
- National Computing Centre Ltd.
- PIRA (The Research Association for the Paper and Board, Printing and Packaging Industries)
- Telecommunication Engineering and Manufacturing Association (TEMA)

This British Standard, having been prepared under the direction of the Office and Information Standards Committee, was published under the authority of the Board of BSI and comes into effect on 31 July 1986

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National foreword

This Part of BS 4636 has been prepared under the direction of the Office and Information Standards Committee. It is identical to ISO 6586:1980 (confirmed 1986) “*Data processing — Implementation of the ISO 7-bit and 8-bit coded character sets on punched cards*” published by the International Organization for Standardization (ISO).

ISO 6586:1980 superseded two standards: ISO 1679:1973 “*Representation of ISO 7-bit coded character set on 12-row punched cards*”, which was technically equivalent to BS 4636 “*Specification for punched cards*” Part 3:1971 “*Representation of 7-bit codes and of certain numerical sets on 12-row punched cards*”, and ISO 2021:1975 “*Representation of 8-bit codes on 12-row punched cards*”, which was technically equivalent to BS 4636 “*Specification for punched cards*” Part 4:1971 “*Representation of 8-bit codes on 12-row punched cards*”.

This revision of BS 4636-3 supersedes both BS 4636-3:1971 and BS 4636-4:1971, which are withdrawn.

This standard specifies the card hole patterns assigned to bit combinations, whereas BS 4636-3:1971 and BS 4636-4:1971 were also concerned with the representation of particular coded character sets on 12-row punched cards. In the UK, where the 7-bit and 8-bit coded character sets for information interchange are applied, users should exercise the national options specified in BS 4730 and BS 6006 respectively.

Terminology and conventions. The text of the International Standard has been approved as suitable for publication as a British Standard without deviation. Some terminology and certain conventions are not identical with those used in British Standards; attention is drawn especially to the following.

Wherever the words “International Standard” appear, referring to this standard, they should be read as “British Standard”.

Cross-references

International Standard	Corresponding British Standard
ISO 646:1983	BS 4730:1985 <i>Specification for 7-bit coded character set</i> (Identical exercising national options) BS 4636 <i>Specification for punched cards</i>
ISO 1681:1973	Part 1:1970 <i>Unpunched paper cards</i> (Technically equivalent)
ISO 1682:1973	Part 2:1970 <i>Dimensions and location of rectangular holes in 12-row, 80-column punched cards</i> (Technically equivalent)
ISO 4873:1979	BS 6006:1980 <i>Specification for United Kingdom 8-bit data code</i> (Identical)

The Technical Committee has reviewed the provisions of ISO 2022:1982, to which reference is made in the text, and has decided that it is acceptable for use in conjunction with this Part of BS 4636.

Additional information. ISO 2022:1982 is currently being revised. Until that revision is published no decision will be made on its implementation as a British Standard. ISO 2022:1982 was not implemented as a British Standard. BS 4953, which was technically equivalent to ISO 2022:1973, has been withdrawn.

NOTE *Typographical error.* In Table 1, at position 04/0, the punched positions should be 8 and 4, not 3 and 4.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i to iv, pages 1 to 6, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.