

Transformed

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION
R 840

CODE FOR NUMERICAL CONTROL OF MACHINES

(Compatible with the ISO 7 bit character set)

1st EDITION

October 1968

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BRIEF HISTORY

The ISO Recommendation R 840, *Code for numerical control of machines (Compatible with the ISO 7 bit character set)*, was drawn up by Technical Committee ISO/TC 97, *Computers and information processing*, the Secretariat of which is held by the United States of America Standards Institute (USASI).

Work on this question by the Technical Committee began in 1963 and led, in 1967, to the adoption of a Draft ISO Recommendation.

In August 1967, this Draft ISO Recommendation (No. 1314) was circulated to all the ISO Member Bodies for enquiry. It was approved, subject to a few modifications of an editorial nature, by the following Member Bodies :

Belgium	Japan	Switzerland
Czechoslovakia	Netherlands	Turkey
Denmark	New Zealand	U.A.R.
France	Poland	United Kingdom
Germany	Portugal	U.S.A.
Iran	Spain	
Italy	Sweden	

No Member Body opposed the approval of the Draft.

The Draft ISO Recommendation was then submitted by correspondence to the ISO Council, which decided, in October 1968, to accept it as an ISO RECOMMENDATION.

CODE FOR NUMERICAL CONTROL OF MACHINES

(Compatible with the ISO 7 bit character set)

1. SCOPE

This ISO Recommendation describes a 7 bit coded character set for the numerical control of machines and associated equipment (printers, punchers); it is to be implemented on 8-track punched tape. This ISO Recommendation consists of a table, notes and a key. An Annex gives the meanings assigned to the symbols in the ISO Recommendations on punched tape block formats.

2. REFERENCES

- 2.1 The recommended character set is based upon and compatible with the ISO 7 bit coded character set, described in ISO Recommendation R 646, *6 and 7 bit coded character sets for information processing interchange*.
- 2.2 The implementation of this coded character set on punched tapes is in accordance with ISO Recommendation R ..., * *Representation of 6 and 7 bit coded character sets on punched tape*; it includes a parity check (even parity); the parity bit is on track 8.
- 2.3 The technical terms used in this ISO Recommendation are based on ISO Recommendation R ..., ** *Data processing vocabulary*.

* At present, Draft ISO Recommendation No. 1418.

** At present in course of preparation.