
International Standard



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Information processing — Recording characteristics of instrumentation magnetic tape (including telemetry systems) — Interchange requirements

Traitement de l'information — Caractéristiques d'enregistrement de la bande magnétique de mesure (y compris les systèmes de télémétrie) — Spécifications d'échanges

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Foreword

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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 6068 was prepared by Technical Committee ISO/TC 97, *Information processing systems*.

It cancels and replaces ISO 3413-1975 and ISO 3615-1976 of which it constitutes a technical revision.

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Information processing — Recording characteristics of instrumentation magnetic tape (including telemetry systems) — Interchange requirements

1 Scope and field of application

This International Standard specifies the tape and recorder/reproducer characteristics and modes of recording to enable users of different systems to interchange information recorded on instrumentation magnetic tape.

Modulation patterns are described in clause 6.

Test procedures recommended for use in measuring performance parameters of magnetic tape recorder and reproducer systems are described in annex B.

Annexes C to F provide additional information but do not form part of this International Standard. The characteristics of unrecorded tape are specified in ISO 6371.

2 References

ISO 1858, *Information processing — General purpose hubs and reels, with 76 mm (3 in) centre hole, for magnetic tape used in interchange instrumentation applications.*

ISO 1860, *Information processing — Precision reels for magnetic tape used in interchange instrumentation applications.*

ISO 3802, *Information processing — General purpose reels with 8 mm (5/16 in) centre hole for magnetic tape for interchange instrumentation applications.*

ISO 6371, *Information processing — Interchange practices and test methods for unrecorded instrumentation magnetic tape.*