

INTERNATIONAL STANDARD

ISO
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Space data and information transfer systems — Telemetry channel coding

iTeh STANDARD PREVIEW

*Systèmes de transfert des informations et données spatiales — Codage
de canal pour télémesure*

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ISO 11754:1994

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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 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. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 11754 was prepared by Technical Committee ISO/TC 20, *Aircraft and space vehicles*, Subcommittee SC 13, *Space data and information transfer systems*.

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Space data and information transfer systems — Telemetry channel coding

1 Scope

This International Standard specifies the requirements for telemetry channel coding for space data and information transfer systems for civil space applications.

2 Requirements

The requirements specified are the technical recommendations made in the following publication, which is adopted as an International Standard:

CCSDS 101.0-B-3 May 1992, *Recommendation for space data systems standards — Telemetry channel coding*.¹⁾

For the purposes of international standardization, the modification outlined below shall apply to the specific pages of publication CCSDS 101.0-B-3.

Pages i to iv

This part is information which is relevant to the CCSDS publication only.

3 Revision of publication CCSDS 101.0-B-3

It has been agreed with the Consultative Committee for Space Data Systems that Subcommittee ISO/TC 20/SC 13 will be consulted in the event of any revision or amendment of publication CCSDS 101.0-B-3. To this end, NASA will act as a liaison body between CCSDS and ISO.

1) Copies can be obtained from CCSDS Secretariat, NASA, Mail Code OI, Washington, DC 20546, USA. Copies of a translation into French can be obtained from Bureau de normalisation de l'aéronautique et de l'espace, Technopolis 54, 199, rue J.-J. Rousseau, 92138 Issy-les-Moulineaux, France.

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Descriptors: space data systems, data processing, information interchange, radiocommunications, data transfer, telemetry, coding (data conversion), aviation safety, flight control.

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