

INTERNATIONAL
STANDARD

ISO
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**Space data and information transfer
systems — Standard formatted data
units — Structure and construction rules**

iTeh STANDARD PREVIEW

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*Systemes de transfert des informations et données spatiales — Unités
de données à structuration normalisée (SFDU) — Règles de structure et
de construction*

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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 12175 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 — Standard formatted data units — Structure and construction rules

1 Scope

This International Standard lays down the requirements for structure and construction rules for standard formatted data units for space data and information transfer systems.

For the purposes of international standardization, the modification outlined below shall apply to the specific clauses and paragraphs of publication CCSDS 620.0-B-2.

Pages *iii* to *vi*.

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

2 Requirements

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

CCSDS 620.0-B-2(issue 2) May 1992, *Recommendation for space data system standards - Standard formatted data units - Structure and construction rules.*¹⁾

3 Revision of publication CCSDS 620.0-B-2

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 620.0-B-2. To this end, NASA will act as a liaison body between CCSDS and ISO.

1) Copies can be obtained from the CCSDS Secretariat, Code OI, NASA Headquarters, WASHINGTON, DC 20546, USA. Copies of a translation into French can be obtained from the 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, organization of data, logical structure, data layout, aviation safety, flight control.

Price based on 1 page
