

INTERNATIONAL
STANDARD

ISO
11103

First edition
1991-12-01

**Space data and information transfer systems —
Radio metric and orbit data**

*Systèmes de transfert des informations et données spatiales — Données
radiométriques et orbitales*



Reference number
ISO 11103:1991(E)

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 11103 was prepared by Technical Committee ISO/TC 20, *Aircraft and space vehicles*, Sub-Committee SC 13, *Space data and information transfer systems*.

© ISO 1991

All rights reserved. No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

International Organization for Standardization
Case Postale 56 • CH-1211 Genève 20 • Switzerland

Printed in Switzerland

Space data and information transfer systems — Radio metric and orbit data

1 Scope

This International Standard specifies the requirements for radio metric and orbit data 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 501.0-B-1 (issue 1) January 1987, *Recommendation for space data systems standards — Radio metric and orbit data.*¹⁾

For the purposes of international standardization, the modification outlined below shall apply to the specific pages of publication CCSDS 501.0-B-1.

Pages i to iv

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

3 Revision of publication CCSDS 501.0-B-1

It has been agreed with the Consultative Committee for Space Data Systems that Sub-Committee ISO/TC 20/SC 13 will be consulted in the event of any revision or amendment of publication CCSDS 501.0-B-1. To this end, NASA will act as a liaison body between CCSDS and ISO.

1) Copies can be obtained from the following address:

CCSDS Secretariat, Code OS, National Aeronautics and Space Administration Headquarters, 600 Independence Ave., S.W., WASHINGTON, DC 20546, USA.

Copies of a translation into French can be obtained from the following address:

Bureau de normalisation de l'aéronautique et de l'espace, Technopolis, 199, rue J.-J. Rousseau, 92138 Issy-les-Moulineaux, France.