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BUREAU OF INDIAN STANDARDS

DRAFT FOR COMMENTS ONLY

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भारतीय मानक मसौदा

**अंतरिक्ष प्रणालियाँ — ग्राउंड सिस्टम, ग्राउंड सपोर्ट उपकरण और पेलोड के साथ
लॉन्च वाहन के बीच अंतरापृष्ठ नियंत्रण प्रलेख**

Draft Indian Standard

**Space Systems — Interface Control Documents Between Ground Systems, Ground
Support Equipment and Launch Vehicle with Payload**

ICS: 49.140

**Air and Space Vehicles Sectional Committee, TED 14 Last date for receipt of comments is
28/08/2024**

NATIONAL FOREWORD

(Identical clause to be added later)

The text of ISO standard has been proposed as suitable for publication as an Indian Standard without deviations. Certain terminologies and conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- Wherever the words 'International Standard' appear referring to this standard, they should be read as 'Indian Standard'.
- Comma (,) has been used as a decimal marker, while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

Attention is drawn to the possibility that some of the elements of this standard may be the subject of patent rights. The Bureau of Indian Standards shall not be held responsible for identifying any or all such patent rights.

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test or analysis, shall be rounded off in accordance with IS 2 : 2022 'Rules for rounding off numerical values (*second revision*)'. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

SCOPE

This document establishes basic requirements for interface control documents (ICD) writing and interface control procedures for the following items included in the launch system: payload, launch vehicle, ground support equipment (according to ISO 14625) and launch site (buildings with utility systems), specifically:

- a) ICD between the ground support equipment and the payload;
- b) ICD between the ground support equipment and the launch vehicle;
- c) ICD between items of the ground support equipment;
- d) ICD between the ground support equipment and the launch site.

This document is applicable to organizations developing ground support equipment and to operators performing space activity.

FOR COMPLETE TEXT OF THE DOCUMENT KINDLY REFER ISO 17689:2023 or CONTACT:

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