

*For Comments Only*

**BUREAU OF INDIAN STANDARDS**

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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

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**Air and Space Vehicles Sectional Committee, TED 14**

**Last date for receipt of comments is  
26/09/2023**

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Air and Space Vehicles Sectional Committee, TED 14

## NATIONAL FOREWORD

*(Formal Clause to be added later)*

The text of ISO standard is proposed 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:

- a) Wherever the words 'International Standard' appear referring to this standard, they should be read as 'Indian Standard'.
- b) 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.

## SCOPE

This International Standard is applied for organizations developing ground support equipment and also for operators performing space activity.

Interface control documents format defined here does not contain the descriptions regarding various properties of ground support equipment (i.e. performance, functions or endurance to launch mechanical environment or quality assurance provisions) which are defined in technical specifications.

Control of interfaces, independently of its frequency or depth, cannot replace stages of parameters definition of high-quality production and development of technical requirements of project, design and development. Interfaces control is used as a control process that can provide necessary verification of successful finishing of design at a stated in contract period.

This International Standard establishes basic requirements for interface control documents (ICD) writing and interface control procedures for the following items included in launch system: payload, launch vehicle, ground support equipment (according to ISO 14625:2007) and launch site (buildings with technical systems). Notably

- a) ICD between payload and launch vehicle (according to ISO 15863:2003),
- b) ICD between ground support equipment and payload (this International Standard),
- c) ICD between ground support equipment and launch vehicle (this International Standard),
- d) ICD between items of ground support equipment (this International Standard), and
- e) ICD between ground support equipment and launch site (this International Standard).

**FOR COMPLETE TEXT OF THE DOCUMENT KINDLY REFER ISO 17689 : 2015 or CONTACT:**

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