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भारतीय मानक मसौदा

अंतरिक्ष पद्धतियाँ — सिस्टम इंजीनियरिंग के प्रबंधन हेतु दिशानिर्देश

Draft Indian Standard

**SPACE SYSTEMS — GUIDELINES FOR THE MANAGEMENT OF SYSTEMS
ENGINEERING**

Air and Space Vehicles Sectional Committee, TED 14

**Last date for receipt of comments is
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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 document presents the guidelines for the management of systems engineering for space systems. This document addresses the systems engineering activities and provides guidelines for interfacing with specific major management subjects (e.g. configuration management, data management, interface management, risk management, requirements management, and integrated logistics support), which are themselves the subject of this document.

This document establishes a common reference for all customers and suppliers in the space sector to work with management systems engineering for all space products and projects.

These guidelines emphasize the following aspects of managing space systems engineering:

- The positioning of space systems engineering activities related to the management of space activities;
- The framework for the management of systems engineering;
- The systems engineering management plan (SEMP);
- The system, product and work breakdown structures;
- The phasing, scheduling and recursivity of the systems engineering management;
- Reviews, audits and control gates;
- The main activities of systems engineering and the respective management approach.

It is not the scope of this document to describe in detail the standard systems engineering process or project management process for all types of space systems.

FOR COMPLETE TEXT OF THE DOCUMENT KINDLY REFER ISO 18676 : 2017 or CONTACT:

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