



# SLOVENSKI STANDARD

## SIST EN 16601-10-01:2014

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**Vodenje vesoljskih projektov - 10-01. del: Organizacija in izvedba pregleda**

Space project management - Part 10-01: Organization and conduct of reviews

Raumfahrt-Projektmanagement - Teil 10-01: Organisation und Durchführung von Reviews

Management des projets spatiaux - Partie 10-01: Organisation et conduite de revues

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## **iTeh STANDARD PREVIEW (standards.iteh.ai)**

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English version

**Space project management - Part 10-01: Organization and  
conduct of reviews**

Management des projets spatiaux - Partie 10-01:  
Organisation et conduite de revues

Raumfahrt-Projektmanagement - Teil 10-01: Organisation  
und Durchführung von Reviews

This European Standard was approved by CEN on 14 December 2013.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN and CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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## Foreword

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This document (EN 16601-10-01:2014) has been prepared by Technical Committee CEN/CLC/TC 5 "Space", the secretariat of which is held by DIN.

This standard (EN 16601-10-01:2014) originates from ECSS-M-ST-10-01C.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by February 2015, and conflicting national standards shall be withdrawn at the latest by February 2015.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 14093:2002.

This document has been developed to cover specifically space systems and has therefore precedence over any EN covering the same scope but with a wider domain of applicability (e.g. : aerospace).

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

# 1

## Scope

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This Standard provides means for identifying and structuring all of the activities and information required in a project review. It identifies the information outputs and activities necessary to complete the process. It also provides a check-list of activities and information required for each of the project reviews identified in the ECSS Management Standards.

This standard may be tailored for the specific characteristics and constraints of a space project, in conformance with ECSS-S-ST-00.

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## 2

## Normative references

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The following normative documents contain provisions which, through reference in this text, constitute provisions of this ECSS Standard. For dated references, subsequent amendments to, or revision of any of these publications do not apply. However, parties to agreements based on this ECSS Standard are encouraged to investigate the possibility of applying the more recent editions of the normative documents indicated below. For undated references, the latest edition of the publication referred to applies.

EN reference	Reference in text	Title
EN-16601-00-01	ECSS-S-ST-00-01	ECSS system - Glossary of terms
EN 16601-10	ECSS-M-ST-10	Space project management - Project planning and implementation
EN 16603-10	ECSS-E-ST-10	Space engineering - System engineering general requirements
EN 16602-10	ECSS-Q-ST-10	Space product assurance - Product assurance management



## Terms, definitions and abbreviated terms

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### 3.1 Terms from other standards

For the purpose of this Standard, the terms and definitions from ECSS-S-ST-00-01 apply, in particular for the following terms:

#### customer

NOTE 1 In the context of the current document, it identifies the body ensuring the execution of all tasks necessary for the realization of the project according to the high level requirement document and within the financial resources allocated by the consumer.

NOTE 2 The customer is responsible for the implementation of the review recommendations endorsed by the review authority.

NOTE 2 See informative annex F for example of application of the above to different levels of a space project

#### supplier

NOTE 1 In the context of the current document, it identifies the body executing all tasks necessary for the realization of the project according to the terms and condition of a business agreement submitted by the customer.

NOTE 2 See informative Annex F for example of application of the above to different levels of a space project

### 3.2 Terms specific to the present standard

#### 3.2.1 consumer

body specifying a project or (product) through a high level requirement document (such as mission statement or SFS and STS) and providing the necessary financial resources for its realization.

NOTE See informative Annex F for example of application of the above to different levels of a space project

**3.2.2 review authority**

body appointed by the consumer organization, having the mandate to issue recommendations to the customer and issue decisions relating to the review process

NOTE This is also referred to as the review board.

**3.2.3 review item discrepancy (RID)**

issue, identified by a reviewer, that is not compliant with a requirement, a review objective or a design goal

**3.2.4 review prerequisite**

conditions necessary to be fulfilled prior to the start of the review

**3.2.5 review team**

body appointed by the review authority, having the mandate to evaluate the status of the project under review

**3.2.6 review team leader**

person responsible for the review team activities and issuing the review team report

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### 3.3 Abbreviated terms (standards.iteh.ai)

For the purpose of this Standard, the abbreviated terms from ECSS-S-ST-00-01 and the following apply:

Abbreviation	Meaning
DRD	document requirement description
FEPS	Fiche d'étude de problème soulevé
MRD	mission requirements document
RID	review item discrepancy
SRD	system requirements document

## 4

## Fundamentals of reviews

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### 4.1 Basic principles

Project reviews are examinations of the technical status of a project and associated issues at a particular point in time. Their primary purpose is to provide a comprehensive assessment of the project status against targets and requirements. Through independent participation, they give additional support to the project concerned at crucial stages and give the responsible management confidence in the technical progress being achieved. Additionally, reviews can identify potential lessons learned.

Reviews are carried out throughout the project life cycle, as defined in ECSS-M-ST-10, at all levels from mission to unit level.

The review purpose, mandate and documentation vary for each particular project and for the specific phase or stage of activity of the project.

The efficiency of any review process is dependent upon the planning and organization of the review work, including specific assignment of responsibilities and the plan to close out the action items raised during the review.

The current ECSS document specifies basic principles in order to establish these organisational aspects.

### 4.2 Review tasks

#### 4.2.1 Initiation of the review

This task comprises the assignment of review members to the review bodies, the preparation and release of the review procedure and the assessment of the prerequisites.

#### 4.2.2 Preparation and distribution of the review data-package

This task comprises the preparation and distribution of the documentation as defined in the review procedure. In a kick-off meeting review participants are familiarized with the review objectives and the documentation submitted for the review.