



NSAI
Standards

Irish Standard
I.S. EN 16601-00:2019

Space system - EN 16600 series - Description, implementation and general requirements

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I.S. EN 16601-00:2019

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National Foreword

I.S. EN 16601-00:2019 is the adopted Irish version of the European Document EN 16601-00:2019, Space system - EN 16600 series - Description, implementation and general requirements

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EUROPEAN STANDARD

EN 16601-00

NORME EUROPÉENNE

EUROPÄISCHE NORM

January 2019

ICS 49.140

English version

Space system - EN 16600 series - Description, implementation and general requirements

Système spatial - Série EN 16600 - Description, mise en
œuvre et exigences générales

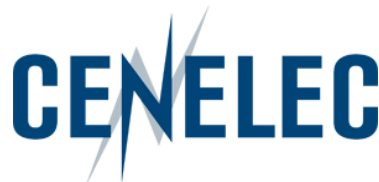
Raumfahrttechnik - EN 16600 Serie - Beschreibung,
Implementierung und allgemeine Anforderungen

This European Standard was approved by CEN on 28 September 2018.

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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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European Foreword

This document (EN 16601-00:2018) has been prepared by Technical Committee CEN/CLC/TC 5 "Space", the secretariat of which is held by DIN (Germany).

This document (EN 16601-00:2018) originates from ECSS-S-ST-00C.

This standard covers the subject of Tailoring of Space standards and therefore replaces EN 14724:2003 "Space project management – Tailoring of space standards".

In addition this standard contains the top level requirements formerly covered in EN 13290-1:1999; EN 13291-1:1999 and EN 13292:1999, while the while the remaining requirements were moved to EN 16601-10:2015, (replaced by EN 16602-10-2017 and replaced by EN 16603-10:2018.

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

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association.

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Scope

This document is the top-level document of the EN 16000 Series of European Space Standards. It gives a general introduction into European Space Standards and their use in space programmes and projects.

Its purpose is to provide users with an overview of the European Space Standards System (that is based on the ECSS System), together with an introduction to the various branches of applicability and to the disciplines covered by these set of Standards and the processes involved in generating and using these standards.

As an introduction into space programmes, space projects actors and their customer-supplier relationships are described.

The branches are:

- EN 16001 Series: Space system and Space project management
- EN 16002 Series: Space product assurance
- EN 16003 Series: Space engineering
- EN 16004 Series: Space sustainability

Application of the ECSS System for space projects in the customer-supplier chain is explained and a practical tailoring method is described together with methods for collecting and processing user feedback.

Finally top-level requirements are defined for implementation of the ECSS system in space projects/programmes.

This standard is applicable to all the procurements of space products.

With effect from the date of approval, this Standard announces the adoption of the external document on a restricted basis for use in the European Cooperation for Space Standardization (ECSS) system.

This standard may be tailored for the specific characteristic and constraints of a space project in conformance with clause 7 of this standard.

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