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Space engineering - Insert design handbook

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This Technical standard information includes the English version of CEN/TR 17603-32-22:2022.

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Space engineering - Insert design handbook

Ingénierie spatiale - Manuel de conception d'inserts

Raumfahrttechnik - Handbuch zu Einsätzen

This Technical Report was approved by CEN on 17 May 2022. It has been drawn up by the Technical Committee CEN/CLC/JTC 5.

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Table of contents

Figures

Tables

European Foreword

This document (CEN/TR 17603-32-22:2022) has been prepared by Technical Committee CEN/CLC/JTC 5 “Space”, the secretariat of which is held by DIN.

It is highlighted that this technical report does not contain any requirement but only collection of data or descriptions and guidelines about how to organize and perform the work in support of EN 16603-32.

This Technical report (CEN/TR 17603-32-22:2022) originates from ECSS-E-HB-32-22A.

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

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

1 Scope

The document recommends engineering inserts and practices for European programs and projects. It may be cited in contracts and program documents as a reference for guidance to meet specific program/project needs.

The target users of this handbook are engineers involved in the design, analysis and verification of launchers and spacecraft in relation to insert usage. The current know-how is documented in this handbook in order to make expertise to all European developers of space systems.

It is a guidelines document, therefore it includes advisory information rather than requirements.

2 References

Due to the structure of the document, each clause at its end contains the list of reference called upon.