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Vesoljska tehnika - Obratovalnost vesoljskega segmenta

Space engineering - Space segment operability

Raumfahrttechnik - Raumsegment-Bedienbarkeit

Ingénierie spatiale - Opérabilité du segment spatial

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Space engineering - Space segment operability

Ingénierie spatiale - Opérabilité du segment spatial

Raumfahrttechnik - Raumsegment-Bedienbarkeit

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Foreword

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This document is currently submitted to the Unique Acceptance Procedure.

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 domain of applicability (e.g. : aerospace).

Introduction

The operability of the space segment has an impact on total life cycle cost inasmuch as increased operability can increase development costs, but certainly decreases operations and maintenance costs. Therefore, the adoption of specific operability goals for a given mission is decided by careful balancing of costs, risks, and schedules for both the development and the operations and maintenance phases.

The objective of this standard is to define operability requirements that:

- ensure that the space segment can be operated in a safe and cost-effective manner;
- facilitate the tasks of preparation for, and execution and evaluation of, space segment check-out and mission operations activities;
- facilitate the tasks of space segment suppliers when preparing a proposal in response to a request for proposal (RFP).