

Space systems — Programme management — Non- conformance control system

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National foreword

This British Standard is the UK implementation of ISO 23461:2010.

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A list of organizations represented on this committee can be obtained on request to its secretary.

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Foreword

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

ISO 23461 was prepared by Technical Committee ISO/TC 20, *Aircraft and space vehicles*, Subcommittee SC 14, *Space systems and operations*.

Introduction

This International Standard applies to non-conformance control in space programmes.

This International Standard applies to all deliverable products and supplies, at all levels, which fail to conform to specification requirements and design baselines.

The objectives of the non-conformance control system are to:

- a) identify and segregate the non-conforming items;
- b) record, report and review effective communication between suppliers and customers;
- c) take corrective action against root causes of failure to ensure conformance of the products.

Space systems — Programme management — Non-conformance control system

1 Scope

This International Standard specifies a control system for non-conformances related to any product for space systems, such as electrical, electronic, and electromechanical components and software, as well as operational non-conformances and anomalies.

This International Standard applies to all deliverable products and supplies, at all levels, which fail to conform to specification requirements and design baselines.

This International Standard is applicable throughout phases of:

- a) procurement, production, qualification, integration, and test;
- b) acceptance, delivery, and transportation;
- c) launch preparation and flight or launch readiness;
- d) operational validation or qualification;
- e) operation;
- f) refurbishment.

This International Standard also specifies requirements for the interfaces with company internal non-conformance reporting and processing.

Engineering changes lie outside the scope of this International Standard.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 14300-1, *Space systems — Programme management — Part 1: Structuring of a programme*

ISO 14300-2, *Space systems — Programme management — Part 2: Product assurance*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 14300-1 and ISO 14300-2 apply.