1. (normative)  
   Verification control document (VCD) - DRD
   1. DRD identification
      1. Requirement identification and source document

This DRD is called up from ECSS-ST-E-10-02, requirement 5.2.8.2b and 5.4.4.1b.

* + 1. Purpose and objective

The Verification Control Document lists the requirements to be verified with the selected methods in the applicable stages at the defined levels.

It includes the Verification Matrix. The VCD is a living document and provides traceability during the phase C, D and E, how and when each requirement is planned to be verified and is actually verified.

The VCD becomes part of the EIDP, as detailed in ECSS-Q-ST-20.

* 1. Expected response
     1. Scope and content

Introduction

The VCD shall contain a description of the purpose, objective, content and the reason prompting its preparation.

Open issues, assumptions and constraints relevant to this document shall be stated and described.

The VCD content shall be phased with the product life-cycle such that the initial issue contains the verification matrix, intermediate issues cover the planned on-ground verifications and their executions evidence (in particular for qualification and acceptance completion), the in-orbit and post landing activities; final issue provides evidence of the close-out of the overall verification process.

Applicable and reference documents

The VCD shall list the applicable and reference documents in support to the generation of the document.

Definitions and abbreviations

The VCD shall list the applicable dictionary or glossary and the meaning of specific terms or abbreviations utilized in the document.

Verification subject

The VCD shall describe the verification control approach applied to the product, the involved documentation and the computerized tool used to support the process.

The VCD shall include the requirements to be verified (with reference to the specifications involved), call up the verification methods, levels and stages definitions and explain the verification close­out criteria..

Verification summary status

Each issue of the VCD shall summarize the current Verification Close-out status.

Verification control data

The VCD shall collect in the form of a matrix, for each requirement, the following verification information:

Requirement identifier,

Requirement text

traceability between requirement,

Levels and stages of verification,

methods,

link to the relevant section of the verification plan and any planning document,

References to any documentation that demonstrates compliance to the requirements,

Status of Compliance (yes, no, partial),

Close-out status (open / closed),

Reasons of the close-out status,

* 1. 1 to item 6: For example, test specification.
  2. 2 to item 7: For example, report, analysis, waivers, RFD, NCR, NRB, customer closeout records.

The initial issue of the VCD shall contain a verification matrix limited to:

Requirement identifier,

Requirement text,

traceability between requirement,

Levels and stages of verification,

methods,

link to the relevant section of the verification plan.

* + 1. Special remarks

None.