SpaceWire Evolution

Introduction

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Change Requests for ECSS-E-ST-50-12C

- A number of improvement proposals have been discussed in the past working group meeting.
- These proposals are documented in a number of presentations.
- Working group members are now requested to submit now formal change requests for better traceability and to ensure noting is forgotten.
- CR should be submitted to the ecss-secretariat@esa.int with CC to martin.suess@esa.int
- Filling instructions and Change Request form can be found here on the ECSS web site:
  http://www.esa.ecss.nl/forums/ecss/dispatch.cgi/standards/docProfile/100438/d20050623125609/No/t100438.htm
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SpaceWire Standard Revision

• A revision of the SpaceWire Standard, ECSS-E-50-12C update will be prepared in the short term.

• These items shall be considered for this revision:
  1. Correction of errors and ambiguities
  2. Replacement of design specifications through performance specification.
  3. Introduction of features that are needed to support functions and higher level protocols which have been discussed in the WG in the past and are agreed.
  4. Introduction of additional features of general interest as long as they are backwards compatible.

• Features which go beyond this or still need a major development shall be considered for SpaceWire-2, ECSS-E-ST-50-50.

• The standard revisions shall be discussed and reviewed by the SpW WG.