

# **Remote Memory Access Protocol Standardisation ECSS-E-50-11 Status**

10<sup>th</sup> SpaceWire Working Group Meeting  
20-21 February 2008 at ESTEC  
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## Scope

- The formal ECSS WG shall draft the ECSS-E-50-11 “SpaceWire Protocols” standard
- ECSS-E-50-11 is a complement to ECSS-E-50-12A providing the specification of protocol extensions
- The document defines use of PID in a SpW packet (chapter 5)
- It specifies the PIDs assigned, also for legacy protocols
- The first protocol to be specified in this standard is the Remote Memory Access Protocol (chapter 6)
- Future additional protocol definitions for SpaceWire may be included as additional chapters of future issues of ECSS-E-50-11



## Working Group Composition

- The ECSS-E-50-11 WG is composed of experts from European space industry representing system primes, on-board equipment and test equipment suppliers active in the SpaceWire field.

**Name:****Martin Suess****Steve Parkes****Barry Cook****Alain Girard****Sandi Habinc****Torbjörn Hult****Paul Rastetter****Role:****Convener****Co-Convener****Member****Member****Member****Member****Member****Company:****ESA/ESTEC****University of Dundee****4Links****ThalesAlenia Space****Gaisler Research****Saab Space****Astrium GmbH**

## Working Group Mandate

- The basis for this standardisation activity was established by the SpW WG during the meetings which took place from September 2004 to April 2007
  - Protocol Identification, Draft A (to become chapter 5)
  - Remote Memory Access Protocol Draft F (to become chapter 6)
- Main task is to bring this technical content into the correct format for an ECSS standard
- Verify that during the translation
  - Technical content is not altered
  - Final text is unambiguous
- Remaining ambiguities will be discussed with the SpW WG

## Schedule

- The ECSS-E-50-11 WG reviewed and discussed versions of draft documents edited by Steve Parkes during two Meetings in December and February
- After the next meeting the ECSS-E-50-11 draft 0.6 will be distributed to the SpW WG for review in April
- Discussion and disposition of review comments during the SpW WG meeting #11 in June (tbc)
- Submission of final draft to the ECSS secretariat to initiate the parallel assessment and for TA approval to go for public review in July