

Minutes of Meeting Inter Agency Meeting

Friday, 22nd of February

SpW Working Group Steering Committee Meeting 10 (SpW WG StCMtg10)

Steering committee Participants

ESA (Chair): Ph. Armbruster, M. Suess, S. Parkes(UoD)

JAXA/ISAS: T. Yamada, M. Nomachi(UoO)

NASA: G. Rakow

ROSCOSMOS: A.G. Sukhoroukov, A. Stepanov, Pr.Y. Sheynin (UoStP)



2nd International SpW Conference

- The proceedings of the last SpW conference in Dundee will be published shortly on the conference website as single PDF file incl. ISBN number
- The organisation of the next SpW conference in Nara, Japan was discussed.
 - Conference Committee
 - Chairperson:
 - NOMACHI Masaharu (Osaka University)
 - Co-chairperson:
 - PARKES, Steve (University of Dundee)
 - TAKAHASHI, Tadayuki (JAXA)
 - SHEYNIN, Yuriy (University of St Petersburg)
 - Agency and Institution Representatives
 - ESA Ph. Armbruster
 - JAXA/ISAS T. Takahashi
 - NASA G. Rakow
 - ROSCOSMOS A.G. Sukhoroukov
 - Technical committee members is discussed
 - Proposals for additional participants should be sent to M. NOMACHI by 14 March
 - Abstracts for review and paper acceptance 1 to 2 pages
 - Deadline for abstracts on 10 June
 - The conference web site and the leaflets will be based on the once of the last conference and will be aided by University of Dundee
 - Web site shall be published mid of April



Next SpW WG meeting #11

- Date: 10 + 11 June, 2008
- Location: ESTEC

- Main topics to be discussed:
 - Review of ECSS-E-50-11 draft standard
 - Comments on the document shall be provided already before the meeting
 - SpaceWire RT
 - Status update of SpW PnP works
 - SpW BackPlanes

- Documents to be discussed should be available one month before the meeting

Following SpW Conference

- Date: Late May or early June 2010
- Location: University of St. Petersburg, Russia
- Organiser: University of St. Petersburg and ROSCOSMOS



SpW-RT

- Document on SpW-RT requirements have been posted and presented
- Comments can be provided up to end of March.
- A summary of discussions held during the SpW-RT session is available on the SpW WG Web site.
- A high level specification of required timeliness (e.g. 1msec) is needed to test the implementation proposals



SpaceFibre

- SpaceFibre needs some further definitions
 - Framing mechanism
 - Use of virtual channel and priorities
 - SpaceFibre network features
- A top level view on mixed SpaceWire and SpaceFibre networks is still needed and will be provided by ESA
- Telecons will be organised biweekly on Tuesdays to discuss the concepts further
- The documentation will be exchanged via a SpaceFibre Yahoo group



SpaceWire Backplane

- Interest raised on SpW backplanes by several industrial participants during the WG meeting
- Within NASA, internal backplane based architectures are currently not favoured



SpW Test, Verification and Certification

- The basic set of black box tests documented should be reviewed by the community and additional / missing tests shall be proposed
- A handbook chapter on this topic should be written
- A common SpW conformance test set shall be defined to specify the core of tests that need to be performed

SpaceWire PnP

- The US PnP sub-working group will discuss the document provided by UoD
- A first assessment will be provided for the next WG meeting in June
- SpW PnP should be ensured to be aligned with the CCSDS SOIS services
- It has to be decided on how PnP shall be standardised
- A preference is raised to standardise PnP a additional chapter in ECSS-E-50-11