

SpaceWire Working Group Meeting 10

Wrap-Up

Note: Refer the InterAgency MoM for complementary dispositions

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Wrap-up: SpW-RT

- TTP over SpaceWire ?
- UoD Requirements : Q&As have been recorded (UoD/P. Mendham), they will be posted on the SpW WG Web site:

Additional comments are welcome (up to end of March 08)

Wrap-up: Development Status

- **Devices: No comments during session**

Next step ? SpW to SpFi bridge ?

Any missing component ?

- Improved cables
- LVDS monolithic devices (Rad Hard, Link Xstrapping)
- S/W tools for Networks developments

- **PID Application :**

- Presented as a simple encapsulating mechanism
- Does not include an end to end flow control mechanism
- Will be addressed during the InterAgency meeting : **no PID allocated yet, description to be completed.**

- **ECSS-E50-11 : WG in place - schedule provided by M. Suess**

- **Note: Question from G. Rakow : Packets with leading 0 : Where will this be described and specified as allowed ?**

Wrap-up: SpW Test, Verification and “Certification”

- Next Step ?
 - Test suite to be defined
 - Document will be prepared as a potential input to the SpW Handbook
 - E50-12A to be re-written to ease verification ? (with mainly verifiable requirements)

Wrap-up: SpaceFibre

- A first SpaceFibre implementation will be flown by NASA in the MLAS mission
- Comments on the outline specification have been discussed
- **Additional comments are welcome**
- The following points need further definition
 - Framing mechanism,
 - Use of virtual channel and priorities,
 - SpaceFibre network features
- Definitions to be discussed further in SpaceFibre working group

Special Thanks to contributors and participants !