

CCSDS SOIS Area Fall 2013
SOIS Application Support Services WG (20th) Meeting
Agenda

28th-31st October 2013

Objectives:

- Submit SOIS Green Book Issue 2 for publication
- Report Progress on EDS and Common DoT Prototypes and Red Books
- Determine Next Steps for EDS and Common DoT Books
- Finalise SOIS Architecture to handle RIUs and Polled data acquisition
- Liaison with other CCSDS and external groups, inc. SUMO, SEA XML SIG

Note that Ramon Krosley will be representing the SOIS-APP WG at the SEA XSG SIG at some point during the week and so the agenda will be revised to accommodate this.

Monday 28th October 2013

AM 09:30 – 12:30 (all presentations available via Web-Ex)

- WG Plenary, Stuart Fowell (UKSA/SCISYS)
 - Current status of books, actions, etc.
 - Recapitulate CCSDS membership and process
- Status of EDS and DoT, Stuart Fowell (UKSA/SCISYS)
 - Recap of issues raised and agreements required, Stuart Fowell (UKSA/SCISYS)
 - SUMO View of SOIS Progress, Elisabeth Nguyen (SUMO)
 - Discussion

Lunch 12:30 – 13:30

PM 13:30 – 17:30 (all presentations available via Web-Ex)

- EDS and DoT Use Cases, Stuart Fowell (UKSA/SCISYS)
 - Migration of information from one use to another, Felice Torelli (ESA)
 - Discussion
 - Planning for an EDS Green Book

Tuesday 29th October 2013

AM 08:30 – 12:30 (all presentations available via Web-Ex)

- EDS Schemas, Stuart Fowell (UKSA/SCISYS)
 - ESA TRP project – EDS Schema, Peter Mendham & Stuart Fowell (SCISYS)
 - ESA YGP project – EDS Schema, Felice Torelli (ESA)
 - NASA/GSFC project – EDS Schema, Kevin Rice & Samuel Price (NASA)
 - Feedback on XTCE Experience, Kevin Rice (NASA)
 - Discussion

- Example Device Data Sheets, Stuart Fowell (UKSA/SCISYS)
 - Hydra Star Tracker data sheet, Richard Melvin & Stuart Fowell (SCISYS)
 - NPAL Camera data sheet, Felice Torelli (ESA)
 - GPS Receiver data sheet, Kevin Rice & Samuel Price (NASA)
 - Discussion

- Common DoT, Ramon Krosley (DesignNet/ARFL)
 - Status update, Ramon Krosley (DesignNet/ARFL)
 - Discussion

Lunch 12:30 – 13:30

PM 13:30 – 17:30 (all presentations available via Web-Ex)

- Review of EDS Red Book, Stuart Fowell (UKSA/SCISYS)
 - Feedback from
 - Kevin Rice & Samuel Price (NASA)
 - Felice Torelli (ESA)
 - Ramon Krosley (DesignNet/ARFL)
 - Discussion

- Review of Common DoT Red Book, Ramon Krosley (DesignNet/ARFL)
 - Feedback from
 - Kevin Rice & Samuel Price (NASA)
 - Felice Torelli (ESA)
 - Stuart Fowell (UKSA/SCISYS)
 - Discussion

Wednesday 30th October 2013

AM 08:30 – 12:30 (all presentations available via Web-Ex)

- Determine Next Steps for EDS and Common DoT Books, Stuart Fowell (UKSA/SCISYS)
 - Common Type Representation?
 - Common Functional Interface Representation?
 - Multiple Protocol Mappings?
 - Standardised Generic Functional Interfaces?
 - Tools and reference implementation distributions, Kevin Rice (NASA)

Lunch 12:30 – 13:30

PM 13:30 – 17:30 (all presentations available via Web-Ex)

- SOIS Green Book Issue 2, Stuart Fowell (UKSA/SCISYS)
 - Complete RID resolution
- SOIS Architectures, Felice Torelli (ESA)
 - Finalise SOIS Architecture to handle
 - RIUs, Glenn Rakow (NASA), Felice Torelli (ESA)
 - Polled data acquisition (MIL-STD-1553B, CAN, SpaceWire-D, TTEthernet, etc), Stuart Fowell (UKSA/SCISYS), Felice Torelli (ESA)
 - Standardise Mappings to Subnetworks?, Stuart Fowell (UKSA/SCISYS)

Thursday 31st October 2013

AM 08:30 – 12:30 (all presentations available via Web-Ex)

- EDS/DoT Open Forum discussions, Stuart Fowell (UKSA/SCISYS)

Lunch 12:30 – 13:30

PM 13:30 – 17:30 (all presentations available via Web-Ex)

- Planning, Reporting and Wrap Up, Stuart Fowell (UKSA/SCISYS)