

CCSDS SOIS Area Fall 2014
SOIS Area and Application Support Services WG (21st) Meeting
Agenda

10th – 14th November 2014, BSI, London, UK

Objectives:

- Consider Feedback on SOIS Reference Communications Architecture
- Report Progress on EDS and Common DoT Prototypes and Red Books
- Review WG RIDs and agree Dispositions on EDS and Common DoT Schema and Red Books in preparation for 1st Agency Review
- Progress EDS and Common DoT Green Book, inc.
 - Worked EDS and Common DoT examples
 - EDS and Common DoT Tools & Processes
- Agree and Distribute EDS and Common DoT Functionality Questionnaire
- Review Interoperability Testing and Standardisation process
- Revise Next Steps for EDS and Common DoT Books, inc.
 - Reference Material and Outreach
- Liaison with other CCSDS and external groups, inc. SUMO, FACE, AFRL Space Vehicles, SEA XML SIG

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

Monday 10th November 2014: Opening & Feedback on SOIS Reference Communications Architecture

AM 08:45 – 09:45

- CCSDS Plenary

AM 09:45 – 12:30 (all presentations available via Web-Ex)

- WG Plenary, Stuart Fowell (UKSA/SCISYS)
 - 09:45 (15 min): Current status of books, actions, etc.
- **Feedback on SOIS Reference Communications Architecture**, Stuart Fowell (UKSA/SCISYS)
 - 10:00 (15 min): Introduction
 - 10:15 (30 min): European Spacecraft Primes' Feedback on SOIS Reference Communications Architecture, Felice Torelli (ESA)
 - Plus earlier feedback on Subnetwork Services from ESA studies
 - 10:45 (30 min): Feedback on SOIS, Peter Mendham (Bright Ascension)
 - 11:45 (30 min): Feedback on Capturing MIL-STD-1553B Device Interfaces in EDS, Richard Melvin/Stuart Fowell (SCISYS)

Lunch 12:30 – 13:30

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

- **Feedback on SOIS Reference Communications Architecture (cont.)**, Stuart Fowell (UKSA/SCISYS)
 - 13:45 (60 min): Mapping Serial RapidIO to the SOIS Reference Communications Architecture, Charles "Patrick" Collier (AFRL Space Vehicles)
 - 14:45 (60 min): Discussion on way forward & Planning
 - How to/what fixes to do to the SOIS Reference Communications Architecture given feedback
 - Initiate 5-yearly Review of SOIS Subnetwork Services Magenta Books

Tuesday 11th November 2014: EDS and Common DoT

AM 08:45 – 12:30 (all presentations available via Web-Ex)

- **Current Status**, Stuart Fowell (UKSA/SCISYS)
 - Recap of status and work plan, Stuart Fowell (UKSA/SCISYS)
 - Update on ESA projects and Future Plans, Felice Torelli (ESA), inc. SCISYS & Intern projects
 - Update on NASA projects and Future Plans, Jonathan Wilmot (NASA), inc JSC project
 - Update on SUMO/AFRL projects and Future Plans, Ramon Krosley (DesignNet/ARFL) & Elisabeth Nguyen-replacement (SUMO)

- **WG Review of XML Schemas, Ontologies and Red Books**, Stuart Fowell (UKSA/SCISYS)
 - Complete Disposition of RIDs not resolved prior to meeting
 - Update of EDS and Common DoT XML Schemas, Ontologies and Red Books for CESG Poll for 1st Agency review at end of November 2014

Lunch 12:30 – 13:30

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

- **WG Review of XML Schemas, Ontologies and Red Books (cont.)**, Stuart Fowell (UKSA/SCISYS)
 - Complete Disposition of RIDs not resolved prior to meeting
 - Update of EDS and Common DoT XML Schemas, Ontologies and Red Books for CESG Poll for 1st Agency review at end of November 2014

Wednesday 12th November 2014: EDS and Common DoT

AM 08:45 – 12:30 (all presentations available via Web-Ex)

- **Green Book**, Stuart Fowell (UKSA/SCISYS)
 - Current Status of Green Book, Stuart Fowell (UKSA/SCISYS)
 - Consolidate separate abstract examples into common example data sheet(s) for use throughout Green Book, Reference Material and Outreach, Felice Torelli (ESA)
 - Inc. SFSW Presentation
 - Use of Common DoT Worked Example, Ray Krosley (DesignNet/ARFL)
 - To be aligned with agreed common example data sheet(s)
 - Processes and Tools, Ray Krosley (DesignNet/ARFL)
 - Review and revise Presentation from Ray at previous meetings
 - SCISYS Presentation on Processes and Tooling, Richard Melvin & Stuart Fowell (SCISYS)
 - Revised NASA Presentation on Processes and Tooling, Kevin Rice (NASA)
 - Review, Revise, Update Sections of Green Book, Stuart Fowell (UKSA/SCISYS)
 - Planning, Stuart Fowell (UKSA/SCISYS)

Lunch 12:30 – 13:30

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

- Green Book (cont), Stuart Fowell (UKSA/SCISYS)

Thursday 13th November 2014: EDS and Common DoT

AM 08:45 – 12:30 (all presentations available via Web-Ex)

- **Functionality Questionnaire**, Felice Torelli (ESA)
 - Consolidate Objective of Questionnaire
 - Review and Revise Peter Mendham's suggested Questionnaire
 - Planning for SUMO and SAVOIR Distribution of Questionnaire

- **Outreach and Reference Material**, Stuart Fowell (UKSA/SCISYS)
 - Planning

Lunch 12:30 – 13:30

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

- **Interoperability Testing**, Felice Torelli (ESA)
 - Review Felice Torelli's Spring 2014 presentation and subsequent email discussion thread
 - Discussion

Friday 14th November 2014: EDS and Common DoT & Wrap-Up

AM 08:45 – 12:30 (all presentations available via Web-Ex)

- Determine Next Steps, Stuart Fowell (UKSA/SCISYS)
 - Revise plan leading up to standardisation, inc.:
 - Soak Testing and Refinement of XML Schemas & Updates to Red Books
 - Interoperability Testing and standardisation process
- Planning, Reporting and Wrap Up, Stuart Fowell (UKSA/SCISYS)

Lunch 12:30 – 13:30

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

- AOB (if required)