CCSDS SOIS Area Fall 2012 (18th) Meeting – SOIS Area & Application Support Services WG Agenda

15th-18th October 2012

Objectives:

- Progress EDS and Common DoT Books
- Liaise with AIAA WG

Monday 15th October 2012

AM 09:45 – 12:00

- SOIS Opening Plenary (Chris Taylor)
    - Logistics
    - Meeting Objectives
    - Current Status of Actions & Books
    - Project Reports – open forum for teams to report support work on SOIS
        - ESA Report on Young Graduate Project
        - ESA Device Virtualisation and EDS Project, performed by SCISYS
        - Any others as required
            - ESA SAVOIR Initiative (if required)
            - NASA GSFC Common Flight Executive (if required)
- Application Support Services WG
    - Re-iteration of SOIS Plug-and-Play Objectives & Work Plan (Stuart Fowell)

Lunch 12:00 – 13:30

PM 13:30 – 17:00

- Application Support Services WG
    - Plug-and-Play Stuart Fowell (Stuart Fowell)
        - Agree Storyboard
            - Common Plug-and-Play section for EDS and Common DoT
            - EDS Book
                - Contents
            - Common DoT Book
                - Contents

- Common Plug-and-Play Section (Stuart Fowell)
  - Structuring based on Storyboard
  - Writing/reviewing subsections & diagrams

Tuesday 16th October 2012

AM 08:45 – 12:00

- Application Support Services WG

  - Electronic Data Sheets (Stuart Fowell)
    - Drive EDS Structure using Real-World Examples
      - Determine available ICDs to use as example Device EDS instances
      - Use GPS Receiver & SpaceWire Camera ICDs as Use Cases to explore how to represent in EDS & determine what needs to be represented & where
      - Determine Requirements & Structure
    - Candidate XML Technologies
      - AIAA SPA xTEDS
      - ESA SOIS Proof of Concept TN
      - IEEE 1451
      - CANopen
      - XSD
      - SXXML
      - MathXL
    - Book structuring based on Storyboard

Lunch 12:00 – 13:30

PM 13:30 – 17:00

- Application Support Services WG

  - Common Dictionary of Terms (Ramon Krosley)
    - Book restructuring based on Storyboard
    - DoTs for each Device Class
    - Derive Generic Terms
    - Mapping onto input Taxonomies
      - AIAA SPA Taxonomy
      - ESA SAVOIR-SAFI

Wednesday 17th October 2012

AM 08:45 – 12:00

- Application Support Services WG

  - Joint meeting with AIAA WG & NASA HSF (Glenn Rakow)

Lunch 12:00 – 13:30

PM 13:30 – 17:00

- Application Support Services WG
    - Joint meeting with AIAA WG & NASA HSF (Glenn Rakow)

Thursday 18th October 2012

AM 08:45 – 12:00

- Application Support Services WG (Stuart Fowell)
    - Overflow Session
        - Common Dictionary of Terms (Ramon Krosley)
        - Electronic Data Sheets (Stuart Fowell)

Lunch 12:00 – 13:30

PM 13:30 – 17:30

- SOIS Closing Plenary (Chris Taylor)
    - Consolidate CESG Report
    - Revise ongoing Work Plan & Actions