

CCSDS SOIS Area Spring 2018
SOIS APP & SUBNET Joint WG (28th) Meeting Agenda

9th – 13th April 2018

Objectives:

Primary

- Walk through EDS and DoT use cases and ensure books are sufficient to specify an SEDS at the appropriate layers.
- Review EDS and DoT book updates
- Discuss extensions beyond FY18.
 - Network description and timing.
 - Time-Triggered networks
 - DoT population –process and planning to incorporate ontology for cFS, CAST, ECSSS-E-70-41C, subnets (TTE, etc.)
- Review draft of SOIS SUBNET Packet Service magenta book

- Liaison with other CCSDS and external groups, MOIMS, DTN, CFDP, SEA XML SIG.

Secondary

- Mission infusion updates for SEDS and tooling.
 - Lunar Orbital Platform-Gateway (LOP-G) use case
 - Tools
 - CAST
 - ESA

Notes:

1. Discussion topics are general, there will not be enough time to cover them all in depth
2. We will take 5-10 minute breaks every hour or so as needed.
3. Ramon Krosley and others will be representing SOIS-APP WG at SEA-SA schedule adjustments may be made.
4. Joe Hickey will attend via telecon

Monday 9th April 2018

08:45 – 09:45

- CCSDS Plenary

09:45 – 10:00

- Wilmot: Welcome, goals, agenda and opening remarks.

10:00 – 12:00 Use case discussions

- All: Walk through EDS and DoT use cases and ensure books are sufficient to specify an SEDS at the appropriate layers.
 - Work through actually EDS examples at different layers

Lunch 12:00 – 13:00

13:00 – 17:30

- All: Continue morning discussions

Tuesday 10th April 2018

08:45 – 10:30

Book status: SEDS & DoT.

- Richard Melvin: EDS book status, review updates.
- Ramon Krosley: DoT book status, review updates

10:30 – 12:00 Join meeting with SOIS-Wireless

- Discussion how vehicle-to-vehicle network traffic should be architected from both a hard-line and a RF standpoint and should they look much different from a protocol stand-point.

Lunch 12:00 – 13:00

13:00 – 17:30 Tools

- Kevin Rice: SEDS editing tool and SEDS to XTCE
- Joe Hickey: SEDS cFS tools and update.
- Richard Melvin: ESA SEDS tools.
- Richard Melvin/Marek Prochazka: ESA Study projects
- Andrew Loveless: cFS and Time & Space Partitioning schedule tools.
- JSC CCDD tool (Wilmot/Loveless)

Wednesday 11th April 2018

08:45 – 12:00

- Glenn Rakow: Lunar Orbital Platform-Gateway use case

- **Glenn Rakow:** 2nd work group review and discussion of SOIS SUBNET Packet Service magenta book.

Lunch 12:00 – 13:00

13:00 – 17:30

- **Glenn Rakow:** 2nd work group review and discussion of SOIS SUBNET Packet Service magenta book. (Continued)

Thursday 12th April 2018

08:45 – 12:00

- **All:** Discussion of Green book

Lunch 12:00 – 13:00

13:00 – 15:00

- **Joint SEA SAWG: Place holder**

15:00 – 17:30

- **All:** Continue Green book discussion and any go-backs

Friday 13th April 2018

09:00 – 12:30 (as scheduled by SLP WG)

- Joint meeting with SLP WG to discuss Space Packet Secondary Header extensions.

Lunch 12:30 – 13:30 (1/2 hour later than normal)

13:30 – 17:30

- **All:** Overall planning, reporting and wrap up.