

## CCSDS SOIS Area Spring 2021 SOIS APP & SUBNET Joint WG Meeting Agenda

**CCSDS has allocated May 10 – 30 2021**

**SOIS-App and SOIS-SubNet will have 4 days of 2 hour sessions**

**May 17, May 19, May 24, May 26 (Times and Dates TBR)**

**2 hours starting**

**8:00 EDT**

**20:00 Beijing**

**14:00 CEST**

### Agenda for spring 2021

- **Day 1**

- Pink sheet and PID discussion
- Discuss and generate a complete a cFS SEDS for ingest into ESA tools (Artemis/Gateway) (Richards tool chain?)
- Discuss line between component and deployment SEDS Green book material at a minimum (use Ramon's Gateway diagrams to start) Maybe 3 hours?
- Discuss XTCE/SEDS relationship. Create green book diagram.

- **Day 2**

- Finalize remaining EDS/DOT books 870.1, 876.1, 870.0
- Discuss overall status book process/dates
- Discuss tooling needs for mission infusion

Area and WG name	CCSDS Ref Nr	Document Title	Status / Comments	Start and / or Target Publication Date
SOIS APP	876.1	Specification for Dictionary of Terms for Electronic Data Sheets for Onboard Components	Done. Ready for final agency review	Start date 09/01/2012 End date 03/15/2021
SOIS APP	870.1	Electronic Data Sheets and Common Dictionary of Terms - Overview and Rationale	Done. Resolution for CESC review Coordinated with SEA	Start date 05/02/2014 End date 2/15/2021
SOIS APP	876.0	XML Specification for Electronic Data Sheets for Onboard Devices and Software Components	Pink sheets submitted for agency review Discuss in upcoming Artemis SEDS WG	Start date 09/01/2012 End date 03/15/2021
SOIS APP		CAST Flight Software as a CCSDS Onboard Reference Architecture	CAST submitted updates 11/4/2020 WG review scheduled for 12/09/20	Start date 01/04/2016 End date 02/15/2021
SOIS APP		NASA core Flight System (cFS) as a CCSDS Onboard Reference Architecture	No activity this cycle. Resources focused on higher priority items	Start date 04/01/2016 End date 09/15/2021

- **Day 3**

- Finalize SOIS Subnet books 851, 852.
- Decide on use cases for 853 Synchronization, 854 discovery, and 855 test
- Update schedule

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SOIS SubNet	851.0	SOIS Subnetwork Packet Service	Done. Resolution for agency review ready 11/17/2020	Start date 01/2016 End date 01/15/2021
SOIS SubNet	852.0	SOIS Subnetwork Memory Access Service - 5 year book review	In WG review Late (reviewing overall need for SAP)	Start date 10/2018 End date 09/2019
SOIS SubNet	853.0	SOIS Subnetwork Synchronization Service - 5 year book review	In WG review Late. Need to meet with Time WG	Start date 04/2019 End date 04/2020
SOIS SubNet	854.0	SOIS Subnetwork Device Discovery Service 5 Year Book Review	Not yet started/5 year review Late resource issue	Start date 10/2019 End date 04/2020
SOIS SubNet	855.0	SOIS Subnetwork Test Service 5 year book review	Not yet started/5 year review Late resource issue	Start date 04/2020 End date 10/2020

- **Day 4**

- Complete DTN SEDS based on MIB, Two parts.
  - i. List of terms and definitions
  - ii. Encoding for cFS BP application)
- Discussion of SANA with magenta books
- Discuss alignment with Cross Support Services (CSS) Functional Resource Model (FRM)