# CCSTS Telecon/Teams, 20th of September 2022

# Attendees

T. Pham, J. Liao, H. Dreihahn

# Agenda/Notes

## CSTS Concept Book status

JL has provided an update of the Concept Book addressing the PIDs.

In the absence of PID responses from retired PID authors, the WG suggests going forward to Agency Review.

**Action HD:** forward the Concept Book to AD/CESG Poll.

The book with the resolved PIDs is on CWE: [https://cwe.ccsds.org/css/docs/CSS-CSTS/CWE Private/CSTS Framework and Concept/Concept-Book-SecretariatPublicationPackage/PID resolutions](https://cwe.ccsds.org/css/docs/CSS-CSTS/CWE%20Private/CSTS%20Framework%20and%20Concept/Concept-Book-SecretariatPublicationPackage/PID%20resolutions)

## CSTS Guidelines – no change

TC published. WG keeps updating a working copy.

## MD CSTS Book

The CESG Poll to publish the book has been posted 30th of August 2022.

The publication package used for the agency review, which concluded without RIDs is here:

[https://cwe.ccsds.org/css/docs/CSS-CSTS/CWE Private/CSTS-MD/AgencyReview-PublicationPackage-B2](https://cwe.ccsds.org/css/docs/CSS-CSTS/CWE%20Private/CSTS-MD/AgencyReview-PublicationPackage-B2)

## TD CSTS Book

The RIDs have been responded, however no response has been received from the author (juliano.naves@ifro.edu.br). It is suggested to send the TD book for CESG publication poll. The changes were of editorial nature.

The TD book updated according to the RIDs is on CWE:

[https://cwe.ccsds.org/css/docs/CSS-CSTS/CWE Private/CSTS-TD/AgencyReview-RIDResponses-B2](https://cwe.ccsds.org/css/docs/CSS-CSTS/CWE%20Private/CSTS-TD/AgencyReview-RIDResponses-B2)

**Action HD:** Send the book to AD/CESG for publication

## CSTS SFW Updates B-2 – no change

Published on CCSDS web site.

A document to collect changes has been started:

[https://cwe.ccsds.org/css/docs/CSS-CSTS/CWE Private/Working Materials/CSTS SFW B-2 Errata/921x1b3\_working-210701.doc?d=w8c908b3080b245639116ed0f14f8a9e5](https://cwe.ccsds.org/css/docs/CSS-CSTS/CWE%20Private/Working%20Materials/CSTS%20SFW%20B-2%20Errata/921x1b3_working-210701.doc?d=w8c908b3080b245639116ed0f14f8a9e5)

## FF CSTS – no change

B-1 is published and available on the CCSDS website. A FF-CSTS Errata document to collect minor changes are collected on the CWE:

[https://cwe.ccsds.org/css/docs/CSS-CSTS/CWE Private/FF-CSTS Blue-1 Errata/922x3b1\_Errata-210915.doc?d=wec2dbf232df249b08416a8f33bccbf64](https://cwe.ccsds.org/css/docs/CSS-CSTS/CWE%20Private/FF-CSTS%20Blue-1%20Errata/922x3b1_Errata-210915.doc?d=wec2dbf232df249b08416a8f33bccbf64)

## Cross Support Reference Model 910.4

AD review has taken place and had two comments currently being clarified with AD:

1) removal of FSP from the reference model as we have formally requested that FSP book be retired (which I believe is already in process)

2) the list of SLE services in section 5 seems quite large for both the return and the forward direction – I think this probably needs to be trimmed down to just the "big ones" (i.e., RAF, RCF, ROCF, FCLTU)

For 2) Tim and Holger suggested to just mark the ‘never implemented’ services, bit avoid an update of the book to remove these services everywhere in a consistent manner. Answer from AD outstanding.

## SLE Books Version 6 Support of USLP

The updated SLE Books have been send to AD for a new CESG poll / Agency review (email 22nd of June 2022, draft e).

The CESG poll to retire the SLE FSP book has been posted 30th of August 2022.

## FR SANA Registry

The Functional Resource Registry with the Tier 1 Functional Resources have been published as an agreed SANA registry:

<https://sanaregistry.org/r/functional_resources/>

**Addendum 28th of Feb:**

The Antenna has some parameter descriptions making reference to TBD parameters of an upcoming 415 FR. JP (thanks!) proposes a generalized text for a future FR update to generalize the statement and get rid of the TBD:

“If the same receiver is used for telemetry reception and antenna steering, setting of this parameter is not possible and the value reported by this is a copy of the value of the parameter of the Physical Channel Reception FR Set that controls/reports the polarization of that receiver (e.g., the csds401CarrierRcptPolarization parameter).”

## FRM Authoring

The status of Tier 2 and future FRs is captured here:

[https://cwe.ccsds.org/css/docs/CSS-CSTS/CWE Private/Functional Resources Definition/fr\_work\_table-2021-11-03\_Tiers-1\_-2andFuture.xlsx?d=we852741be03843748c4bd89dc49a12ff](https://cwe.ccsds.org/css/docs/CSS-CSTS/CWE%20Private/Functional%20Resources%20Definition/fr_work_table-2021-11-03_Tiers-1_-2andFuture.xlsx?d=we852741be03843748c4bd89dc49a12ff)

**Action WG (from Spring Meeting 2022): Rediscuss the review approach at the fall meeting.**

[https://cwe.ccsds.org/css/docs/CSS-CSTS/CWE Private/Functional Resources Definition/fr\_work\_table-2021-11-03\_Tiers-1\_-2andFuture.xlsx?d=we852741be03843748c4bd89dc49a12ff](https://cwe.ccsds.org/css/docs/CSS-CSTS/CWE%20Private/Functional%20Resources%20Definition/fr_work_table-2021-11-03_Tiers-1_-2andFuture.xlsx?d=we852741be03843748c4bd89dc49a12ff)

The word document for reviewing is here on the CWE:

[https://cwe.ccsds.org/css/docs/CSS-CSTS/CWE Private/Functional Resources Definition/Tier2 and 3/Tier-2-220523/SanaRegistryTier1And2\_220523.docx?d=wfeabdd00ee6947eb9817edfe9302d020](https://cwe.ccsds.org/css/docs/CSS-CSTS/CWE%20Private/Functional%20Resources%20Definition/Tier2%20and%203/Tier-2-220523/SanaRegistryTier1And2_220523.docx?d=wfeabdd00ee6947eb9817edfe9302d020)

If you can edit the document directly on the CWE, fine. If you take a copy of the word document, please put it back to the CWE.

## FRM Magenta Book

CESG Poll concluded.

* The 2 PIDs from MOIMS will not be addressed by the FR Magenta Book as per CESG meeting
* The other PIDs will be addressed by Wes.

**Action HD:** Send a reminder to Wes.

## Service Control

**Action JL:** Start drafting the CSTS Service Control, such that we can discuss at the Fall Meeting.

# AOB

CSTS Schedule

* Tuesday – Friday
* Friday the bootcamp shall be attended
* **Action HD:** Send a CSTS schedule