# CCSM Telecon/Webex, 21 June 2022

# Attendees

E. Barbieri (new attendee from DLR), E. Barkley, D. Bliss, A. Crowson, W. Eddy, M. Gnat, C. Haddow, H. Kelliher, M. Unal

# Agenda and notes

## General Announcements

1. Agency review polling requested for CDE M-2
2. Agency review poll for FRM MB still tecnically with a PID

## CESG/CMC(&IOAG) Readout

1. IOAG 25 held in late May; Cloud computing presentation delivered; chair of IOAG agreed that missions are indeed moving to cloud computing solutions, implication being that will be good for CCSDS to pursue cloud computing effort
2. CESG – discussion of cloud computing BOF lead to need to from two BOFs – one being proposed in the CSS Area, the other more of a general SE Area, addressing security and DTN vs cloud, etc.
   1. Presumably we will coordinate wit the SE Area BOF, but I believe it is clear that CSSA BOF will be more focused on relatively near-term deliverables
3. Realted to the above, there is a proposal/call for work toward an overaching inter-agency cybersecurity framework, especially as relates to DTN
4. appears that the FRM is in fact “gaining ground” with regard to CESG in general and in understanding emerging that the FRM is in fact an engineering facility that can be applied more broadly in CCSDS
   1. nonetheless, there still appears to be a bit of friction with regard to the MOIMS area, and in particular with regard to spacecraft monitor control working group.
   2. Re the PID on the FRM book raised by the MOIMS AD, the CESG essentially concluded that current FRM book to go for agency review is scoped correctly and no further scoping limitation language is needed
5. Marcin Gnat confirmed by unanimous CESG vote as new CSSM Deputy WG Chair
6. Holger Dreihahn confirmed by unanimous CMC vote as new CSS Deputy Area Director

## Action Items Check

1. 1 action item(s) closed
2. 2 action item(s) postponed to next telecon
3. 1 action item(s) postponed to fall meetings
4. 0 new action item(s) added
5. 6 actions total currently open
6. See updated spreadsheet for details

## Books & Prototype Status Updates

1. CDE M2 awaiting the Secretariat processing for polling to release for agency reviews to begin
2. SMURF and SPDF just need AD review and then submission to secretariat
3. Prototyping update
   1. DLR SMURF/SPDF prototype should have update relatively soon for processing ESA requests
      1. When available, DLR prototype will be able to output SPDF
   2. Next step will then be the reverse process (ie, DLR SMURF 🡪 ESA, ESA SPDF 🡪 DLR)

## Service Agreement Parameters

1. Reviewed the DLR inputs re service agreement parameters characterization/categorization
2. Reviewed the NASA/DSN inputs re service agreement parameters characterization/categorization
3. Reviewed the NASA/NSN inputs re service agreement parameters characterization/categorization
4. Noted a common item – spectrum licensing that currently has no analog in the FRM
   1. (editorial note -- this does not mean that the FRM necessarily has to have such a parameter but rather an example of a parameter that is not necessarily derived from the FRM)
5. M. Gnat agreed to propose some trail categories for comment by the WG

## Referential framework diagram update

1. M. Gnat walked through the updates done since the spring meetings
2. Conclusion is that the updates look good
3. M. Gnat agreed to send the diagram out for review/comment to the WG

## Follow-up re XML schema versioning

1. E. Barkley walked through a presentation from the NAV WG with regard to issued raised about XML Schame versioning issues
2. Agreed that the CSSM WG should coordinate with the NAV WG given that CSSM makes use of NDM (for trajectory data) and NAV WG was a party in the development of the CSSM produced Abstract Event definition

## Event Sequene Update

1. E. Barkley noted that he and D. Bliss have continued to event sequence draft
2. noted that there may be an extensibility points with regard to (change) events in forward carrier (uplink) for
   1. Doppler compensation on/off transitions
   2. Transfer of forward carrier form one aperture to another (so that the mission has a continuous forward carrier present when transitioning between ground stations)

## AOB (none)

# Next Telecon

Our next telecon scheduled date is July 19.