# CCSM Telecon/Webex, 09 August 2022

# Attendees

E. Barbieri, E. Barkley, D. Bliss, M. Gnat, H. Kelliher, M. Unal

# Agenda and notes

## General Announcements

1. SC-CSTS project creation poll requested – ESA supplying resources for 2nd prototype
   1. SSC representative has reached out asking if SC-CSTS is underway
2. Draft CSTS Orange book for returning Return CFDP PDUs is up for AD review (prior to publication polling)
3. SLE Referfence Model update is up for AD review (prior to agency review)
4. MD-CSTS B-2 completed agency review with zero RIDs – will be sent off for publication polling

## Action Items Check

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

## Status of Books + Book Boss duties

1. CDE M2, SMURF, and SPDF are awating secreteriat processing to be submitted for polling to release for agency review (no change from last telecon)
2. Proposed that W. Eddy continue at the book boss for the SPDF coming out agency review
   1. Ed. Note: will need to confirm with W. Eddy
3. E. Barkley to be the interm book boss for the SMURF, pending conversation with A. Crowson
4. E. Barkley to be the book boss for the CDE M-2 coming out of agency review

## GitHub Repositories

1. CSSM WG now has three repositories on the CSS Area GitHub area
   1. XML Instance examples
      1. Contains one CPIF example instance
   2. XML Schema files
   3. UML Model MagicDraw/Cameo System Modeler (.mdzip) files
2. XML Schema repository has A. Crowson and M. Gnat added as contributors (i.e., they have push access to the repository)
   1. E. Barkley to upload the current XML schema files as the current baseline
3. UML Model repository has E. Barkley added as a contributor and the May 2022 set of .mdzip files (from C. Haddow) is currently in that repository

## Use of Eclipse Modeling Framework re UML diagrams

1. E. Barbieri provided a presentation with a background on the Eclipse Modeling Framework (EMF) and experience so far in producing UML Class diagrams via EMF
2. Conclusion is that the work looks quite promising and further investigation is warranted
   1. Determine if .mdzip files can be imported into EMF or perhaps export .XMI from CSM/MagicDraw and import the .XMI into EMF?
3. We noted that .svg output is an option for generation of diagrams in a format suitable for secretariat publication processing
4. The presentation and a companion document have been uploaded to the CWE ([Presentation](https://cwe.ccsds.org/css/docs/CSS-SM/Meeting%20Materials/2022/Telecons/Eclipse%20Modelling%20Framework_EdoardoBarbieri_09-08-2022.pptx?d=w84fd2234c03046e2883da5dbb5974ba8), [Document](https://cwe.ccsds.org/css/docs/CSS-SM/Meeting%20Materials/2022/Telecons/EMF%20User%20Guide.docx?d=w3a444224a1c2464e9e48d6108b453031))

## Referential Integrity Diagram Updates, discussion

1. Agreed that the latest diagram as-is is okay – it is faithfully showing all the informaiton entities defined in the CSSM book so far
2. Disucssion followed, not about the diagram per se, but rather as to their being too much complexity in the set of books being developed (point raised by M. Unal)
   1. Some of the potential modifications discussed involved
      1. Making the trajectory reference optional with the understanding that the user will always have the latest trjectory on file with the provider in this case
      2. Eliminating the distinction between on-line and off-line service packages
   2. Noted that the SMURF and SPDF have already been sent to the secretariate in perparation for agency review
   3. Noted that RIDs can be filed as part of the agency review

## Updated UML Diagram for event sequences (not addreed)

## Presentation/Proposal for DDOR WG (not addressed)

## AOB (none)

# Next Telecon

Our next telecon date is September 13th.