# CCSM Telecon/Webex, 23 February 2021

# Attendees

E. Barkley, A. Crowson, W. Eddy, M. Gnat, C. Haddow, H. Kelliher, J. Pietras, T. Pham, M. Unal

# Agenda (as adjusted during the telecon)

## General Announcements

1. AED and CDE are (finally) published
2. CSTS SFW B2 is also published
3. 902 XML Schema set has been updated – latest is now in SANA registry
4. No word yet as to when SSF Technical Corrigendum publication poll
5. CSS Area Functional Resource Model (FRM) and the SOIS Electronic Data Sheets (SEDS) “SIG” had a follow-u meeting on February 18th
   1. Some good progress re fit of SEDS re FRM
   2. DTN AMP/ADM being brought into the picture

## Action Items Check (not addressed)

## SPDF & SMURF common structuring potential

1. Reviewed proposal from C. Haddow
2. Agreed that this is a good approach
   1. Effect is essentially to
      1. expand the CDE (move and consolidate data definitions currently SMURF and SPDF into CDE)
      2. Revise SMURF and SPDF to reference data classes in CDE
3. practical considerations were also discussed with respect to having just published blue one of CDE
4. agreed that we could establish a working version of the CDE book that we recognize as the official to be version and that we approach an official project definition etc. for a blue to update when we are much closer to publishing the SMURF and/or SPDF
5. W. Eddy agreed to look at this more carefully re SPDF implementation
6. C. Haddow agreed to start refactoring for CDE updates and SMURF

## TGFT Status Update

1. J. Pietras presented a background re remaining issues for TGFT update and the list of changes needed
   1. See embedded presentation at the bottom for details
2. C. Haddow will send the latest copy of the TGFT book so that J. Pietras can update the book
3. Agreed to update the examples read 2020 (rather than 2017) for all dates

## Enhanced constraints for the SMURF

1. We had some preliminary input from C. Haddow
   1. Keep: StandingOrder, ApertureCelestialBodyPosition, AdditionalUsers
   2. Drop: PassRelativeEvent
   3. To still be address: TimeWindows,PassRange,PassInterval,PassDailyTime
2. *NOTE: we had WebEx technical difficulties which effectively limited the discussion*

## SACP Concept Paper review

1. A. Crowson and E. Barkley in particular agreed to review the latest SACP concept paper prior to the next telecon

## Transfer service instance configurations & SACP

1. M. Gnat noted that all of what can be considered as configuration parameters for SLE are in fact indicated as configurable in the FRM
2. J. Pietras provided some background as to why this is the case
3. E. Barkley voice an opinion that they should, at the highest level of an international standard, be properly indicated as configurable and if an implementation chooses not to allow them to be configurable that would then be an implementation choice rather than precluding such settings in a prescriptive fashion
4. Discussed mapping of SLE instances to different carriers
5. Noted that service instance IDs, per the SLE standards tends to be a dynamic definition
6. Generally agreed that the ultimately the SPDF should be the “final word” in terms of carrying configuration information for cross support services
7. Discussed various ways existing implementations, based on “permanent” SICFs can be “bridge” into more of CCSDS-standards approach for cross support service management
   1. one possible approach identified is to treat the SICF as an opaque file in much the same way that trajectory predictions are treated
8. Agreed that this requires further study, to be taken up at the next telecon

## CPIF and SMURF Prototype Updates

1. CPIF not real progress
2. SMURF not addressed

## Next telecon planning

1. Items to be given priority for the next teleconference include:
   1. basic in enhanced constraints review for SMURF
      1. how much of the current constraint definitions is needed versus getting to a usable standard by agency missions in a relatively near term timeframe (say 2 to 3 years)?
2. Review, discussion of the strawman with regard to SPDF & SMURF
3. Look at SICF as opaque file for SMURF
4. Concept paper review (SACP)

## AOB (none)

# Next Telecon

Our next telecon is scheduled for March 16

