# CCSM Telecon/Webex, 16 March 2021

# Attendees

E. Barkley, A. Crowson, W. Eddy, R. Falcone, M. Gnat, C. Haddow, H. Kelliher, J. Pietras, J. Schuetz, M. Unal

# Agenda and notes

## New WG Member

1. Jean Schuetz is joining us from ESA – welcome

## General Announcements

1. Spring mtgs to be virtual – can be spread over 3 weeks
2. FF-CSTS caught in a bit of publishing kerfuffle – “layer” vs “stratum” terminology
3. Per CCSDS CTE, SSF Technical Corrigendum publication poll is imminent
4. Mehran Sakarati confirmed as the new SM&C WG Chair, Scott Reeves to be the new deputy
5. CSS Area Functional Resource Model (FRM) and the SOIS Electronic Data Sheets (SEDS) “SIG” had a follow-up meeting on March 9th
   1. FRM could be expanded to address on board (the spacecraft) functions – esp re communications
   2. Seems feasible from a high-level perspective that FRM could the basis for generating SEDs
   3. Governance (for example function naming) will challenging
   4. Only one person currently knows how the FR software works

## Action Items Check

1. 2 Action items closed
2. 5 action items currently open
3. See spreadsheet for details

## TGFT Status Update

1. J. Pietras has completed the updates he agreed to take on
2. C. Haddow indicated that he has 3 RIDs left to address and estimates that that will be done this week
3. this implies that all of the inputs will soon be available for a resolution for publication

## SPDF & SMURF common structuring potential

1. C. Haddow presented class diagrams and XML instance examples taking the common refactoring into account for SPDF and SMURF (please see annex below for presentation)
2. Subsequent discussion ensued with regard to the details presented in the revised SPDF
   1. a question about should the individual service times be indicated?
      1. Noted that many operations simply have the booking time and do not provide this level of detail
   2. a separate question as to what atypical practices with regard to putting all of the services in one configuration profile versus having each service in its own profile and some indication that both practices occur
   3. agreed that a splinter session will be held on March 23 for further discussion

## SMURF Basic and Enhanced Constraints (not addressed – following is a reminder from last telecon on this topic)

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*

## CPIF and SMURF Prototype Updates

1. E. Barkley reported that the last exchange of CPIF instances has occurred
2. M. Gnat reported that the SMURF prototyping phase 2 is winding down, with phase 3 starting up
   1. Noted that the updates re SMURF and SPDF need sorting out to facilitate prototyping

## Transfer service instance configurations & SACP

1. Agreed to treat these as opaque files (similar to submission of trajectories etc. and noted that these would not necessarily, from a mission operations center but a supporting entity in the same way trajectories come from a flight dynamics facility etc.)
   1. noted that a request for readout or report is provided in the same manner as for trajectory files
2. E. Barkley agreed to ask H. Dreihahn how the CSTS working group views configuration of CSTS service instances to work -- in a similar manner as that of the sicker for SLE?

## Next telecon planning

1. Spring meetings planning
   1. A preliminary consensus for spreading the working group meetings out over a 3 week period emerged
2. 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)?
3. Telecon scheduled for April 6 is canceled

## AOB (none)

# Next Telecon

Our next telecon is scheduled for April 27

# Annex – Presentations

