# CCSM Telecon/Webex, 30 November 2021

# Attendees

E. Barkley, A. Crowson, W. Eddy, M. Gnat, C. Haddow, H. Kelliher, M. Unal

# Agenda and notes

## General Announcements

1. TGFT has finally made it through CMC polling and is now a published Blue Book!
2. FRM was discussed at Nov 16 CESG meeting – took about an hour on the agenda at that meeting
	1. A follow-up session will be held the 3rd week of January 2022
		1. “System Management and Configuration”
3. Technical Corrigendum for SSF has finally gone into CMC polling
	1. TC was languishing due to a CESG poll condition that was editorial in nature
	2. Unfortunately overlooked for ~5 months (!)
4. FRM is finally an approved project
5. CMC virtual meetings to be held December 7 – 9th

## Action Items Check

1. 1 action item closed
2. 2 actions postponed to January 2022 telecon
3. 2 new actions added
4. See updated spreadsheet for details

## SMURF + SPDF Check

1. Wrapper classes have been updated as per discussions at Fall meetings
2. The ICS in the SPDF has been added
3. Still a minor issue to be sorted out re optional at the level of UML vs ICS
	1. AD review to proceed with a recommendation as to approach to take in sorting out the UML vs ICS optional

## FRM and Service Management

1. Walked through some preliminary work aimed at providing metadata to be applied for service management considerations for those parameters in the FRM that are indicated as being configurable
	1. The essential notion is that although a function is in fact correctly indicated as being configurable from the FRM perspective it is not necessarily configurable from a user’s perspective when brought into a managed service context
2. The proposed metadata scheme presented was agreed to be okay for a next step of having a joint session with CSTS WG members
3. See annex below for preliminary metadata presented at the telecon

## Service Agreement Parameters

1. H. Kelliher walked through an earlier white book (ca 2012) on service catalog and service agreement
2. Actions to E. Barkley, W. Eddy, and M. Gnat to abstract key aspects of service agreements for NASA/SN, NASA/DSN and DLR tracking networks (respectively)
3. Action to M. Gnat to provide first cut of service agreement XML structuring

## Management Service Discussion

1. Reviewed M. Gnat’s state machine presentation from May 2019
2. Some discussion as to how far to take the management service
	1. concern about defining the semantics in a “heavyweight” manner versus
	2. concern about not being precise enough with a “lightweight” approach
3. Preliminary consensus appears to be that the state machines could in fact served as an abstract model for management service and then provide a basis as to where standardized APIs could be applied
4. W. Eddy volunteered and that there are are in fact public API documents available for AWS Ground Station
	1. Agreed to take a look at this as a potential input
		1. Editorial note: this may also help with figuring out what standardized service management looks like in a cloud environment

## AOB (none)

# Next Telecon

Our next telecon date will be on January 11, 2022

# Annex A – FRM and Metadata, Managed Service Perspective