CCSDS Navigation WG Telecon	10-Oct-2019

Attendees: David Berry, Frank Dreger, Cheryl Gramling, Julie Halverson, Hideaki Hinagawa, Alain Lamy, Alexandru Mancas, Dan Oltrogge, Brian Swinburne, Patrick Zimmerman.

Notes	Action
1. Finalize Fall Meetings Schedule	
• David presented a Draft 5 of the Fall Meetings agenda, which he believed satisfied all the priorities for the meeting. Two things came up during the discussion that will require a Draft 6: • David will add the Time Management (Synchronization and Distribution) WG meeting Tuesday PM/Wednesday AM. • Alain suggested that the Navigation Events Message discussion be postponed until Thursday. To accommodate this, the TDM V3 and NEM time slots will be swapped. They are of equal duration and at the same time of day so this was an easy to accommodate change. • Alain inquired about the agenda for the Joint Meeting with MP&S. David said he would try to get the detailed questions in which the MP&S WG is interested.	To David: Produce updated Draft 6 schedule based on feedback. To David: Inquire about MP&S questions and/or concerns.
2. SANA Registry Status	
David showed the status of the Nav WG SANA registries. All of the registries required for the RDM have now been approved. Additionally, some of the changes/updates requested by Peter Shames as conditions for approving the RDM registries have commenced. This effort slowed down completion of the originally planned registries; there is still one remaining to submit. The Glossary updates that were submitted have not yet been processed into the CCSDS Terms registry; the SANA Team delegated this task to the CCSDS Lead Editor Tom Gannett but he has not yet had the opportunity to address it.	To David: Continue follow up with SANA team to address action items raised by Shames' conditional approval. To David: Complete submission of the original 8 registries (1 to go).
3. Action Items Review & Other Document Status	
Action Items from/since the Mountain View meetings and general document status were discussed and dates were updated. Many action items remain outstanding, perhaps natural for a meeting immediately post-summer. Many/most of the Action Items involve documents, so there is intertwined status of documents and their respective action items below. Documents are sorted below in alphabetical order. Action item target dates appear in the Action Items list.	To David: Send updated Action Items with minutes and post to CWE.
a) ADM: Version 2 updates are in progress. A version P1.9 is anticipated shortly prior to the Fall Meetings.	To Alain, Julie: Process P1.8 CRMs to produce ADM P1.9.
b) CDM: Brian and Dan have been discussing a prioritized list of modifications. A data gathering meeting with customers and stakeholders will be scheduled during the week of 14-Oct-2019	To Brian, Dan: Conduct customer/stakeholder meeting and prepare

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prior to the Fall Meetings. Results will be discussed by the WG during the Fall Meetings. A first Pink Book draft is anticipated before the end of 2019.	material for CDM discussion at Fall Meetings.
c) Navigation Data - Definitions and Conventions Green Book: Version 4 updates are completed. The CESG "approval to publish" poll is in progress, ending 18-Oct-2019; CMC poll will follow.	Wait for results of CESG poll and evaluate need for action.
d) Navigation Data Messages Overview Green Book: The document has been in the hands of the Secretariat since 14-Jun-2019. According to Tom Gannett, the document will be in the next batch of CESG/CMC "approval to publish" polls.	None, except to wait for Secretariat to create poll.
e) NDM/XML: Recently an updated version of the schema set (Version 1.0.C) for 'elementFormDefault="qualified"' was submitted to SANA (but it has not yet been posted) in order to accommodate the Re-Entry Data Message schema. Some work preparatory related to this 505.0 update was included in this schema set update. An updated draft (P1.0.2) is anticipated prior to the Fall Meetings.	To David: Prepare NDM/XML P1.0.2
f) NEM: Distribution of the first NEM White Book is anticipated around the time of the Fall 2019 Meetings; possibly during the meeting week.	To Alain: Produce NEM White Book 1.
g) ODM: Version 3 updates are in progress. An updated Pink Book version P2.39 draft is anticipated shortly before the Fall 2019 Meetings (but Dan needs a meeting with Cheryl on the maneuver section prior to producing P2.39). Updates to CCSDS Normative Annexes SANA Registries referenced by the ODM continue. Because Dan will be at the IAC in Washington, DC all week, a teleconferencing schedule must be established.	To Dan: Continue preparation of P2.39 draft. To Dan: Establish the "GoToMeeting" entries necessary for Monday and Wednesday of the meeting week.
h) PRM: No discussion.	None
i) RDM: Version 1 development, review, and testing are complete. The CESG "approval to publish" poll is in progress, ending 18-Oct-2019; CMC poll will follow.	Wait for results of CESG poll and evaluate need for action.
j) TDM: An updated TDM V2 Test Plan/Report is in progress and will be distributed prior to the Fall Meetings. A TDM P1.4 version is also in progress that will reflect some new SANA Registries referenced by the TDM. Prototyping discussions continue. TDM Version 3 work is in the very early stages.	To All: Continue with TDM V.2 prototyping effort.
4. Other Discussion	
There was discussion regarding the prospects of the "modular message". David suggested that it would be a difficult sell at this point when we have so many works in progress, but also that we might be able to introduce the concept as Alexandru suggested, as part of the Fragmentation Data Message.	None. Determine course of action at Fall Meetings.
5. Next Telecons	

Notes	Action
Proposed Telecon Schedule (all Times UTC) • 21-Oct-2019 Fall 2019 Meetings commence • 20-Nov-2019 14:00 UTC • 18-Dec-2019 14:00 UTC • 22-Jan-2020 14:00 UTC • 26-Feb-2020 14:00 UTC • 01-Apr-2020 13:00 UTC • 22-Apr-2020 13:00 UTC • 04-May-2020 Spring 2020 Meetings commence	To David: Send out meeting invitation and Webex info as applicable.