CCSDS Navigation WG Telecon	22-Jan-2020

Attendees: David Berry, Frank Dreger, Cheryl Gramling, Julie Halverson, Ralph Kahle, Alain Lamy, Alexandru Mancas, Fran Martinez, Dan Oltrogge, Elena Vellutini.

Notes	Action
1. CESG/CMC Polling Status	
• The status of CESG polls was shown. We had hoped that the Navigation Data Messages Overview (NDMO) would be in the most recent batch of polls, but it was not. Although the NDMO document was ready for polling, there were 10 Blue/Pink/Magenta books that required polls so those took priority according to Tom Gannett. We continue to hope that the NDMO will be in the next round of CESG/CMC "approval to publish" polls. Note that it may become necessary for us to select a different avenue for letting potential users of navigation standards see which messages are available and what they are used for. Technically we <u>should</u> be doing another upgrade of this book to change the status of the RDM from "in development" to "published", but we are still waiting for the most recent update to be released.	To David: Follow up with Secretariat regarding the schedule for the Navigation Data Messages Overview CESG Poll. Nothing else, except to wait for Secretariat to create poll.
2. TDM V.2 Document/Testing Status	
• TDM Version 2 is a top WG priority at this point. David indicated that we are about to commence a final internal proofreading of the document TDM P1.5 draft. Prototyping discussions continue; overall testing is estimated to be 85% complete with a target at end of January 2020 (2 of the 5 test cases are complete and 3 are nearly complete). We hope to enter the CESG/CMC polling process in early spring 2020. • Test Case #1: Cheryl indicated progress on the Doppler counts test. She reported that AGI has an observations file that they will send to her today for comparisons. Also, only XML version TDMs were produced for this test. David said this is fine because the technical content of KVN and XML formats is identical. This will facilitate Test Case #5 also. • Test Case #2: The ESA part of the test is complete. David reported that his JPL team been researching a problem in the JPL implementation and he does not yet know if it is a data problem or a coding problem in the TDM processor. At this point it appears to be an error in the input file. • Test Case #3: Is complete. David has added a Test Case #3 TDM to the Test Case #5 test harness. • Test Case #4: Is complete. David has added a Test Case #4 TDM to the Test Case #5 test harness.	To David: Distribute TDM P1.5 proofreading assignments. To All: Complete TDM P1.5 proofreading as assigned. To Cheryl: Complete Test Case 1. To David: Complete Test Case 2. To David & Fran: Complete Test Case 5.

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• Test Case #5: David indicated that he and Fran will discuss the XML test soon; it can be done in a way similar to that conducted for the NDM/XML testing. Fran has already completed XML testing of Test Case #2.	
3. SANA Registry Status	
David reported that a number of SANA-related Action Items have not been completed (holidays, "pop up" assignments, and other priority work have slowed things down). Elena Vellutini inquired about the process for adding the "Re-Entry Data Message Provider" role to an Italian agency. Note: URL = https://sanaregistry.org	To David: Continue processing SANA-related action requests. To Elena: Review "Organizations" registry and send David the request for a new organization to be added if it's not already present in the "Organizations" registry. Once it has been added, the "Re-Entry Data Provider" role can be added.
4. Action Items Review & Other Document Status	
Action Items from/since the most recent meetings and general document status were discussed and dates were updated. 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: Alain indicated that he and Julie are close to being able to produce the ADM P1.9. Julie has been comparing the draft ACM to the Draft OCM.	To Alain: Send P1.9 draft to Julie. Publish ADM 1.9 with updated ACM when it's ready. To Julie: Process ACM based on P2.39 OCM distributed 21-Jan-2020.
b) CDM: Brian was not able to attend the telecon, so there was no updated status. A first Pink Book draft P1.0.1 is anticipated in January/February.	To Brian/Dan: Continue with plan for CDM P1.0.1
c) Navigation Data - Definitions and Conventions Green Book: No discussion.	None
d) Navigation Data Messages Overview: See status on item #1 above.	See Action Item on #1 above.
e) NDM/XML: No discussion. There has been no recent progress; work on this document has been de-prioritized (TDM V.2 and	To David: Prepare NDM/XML P1.0.2

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ODM V.3 have higher priority). An updated draft (P1.0.2) is anticipated by end of February 2020.	
f) NEM: Distribution of the first NEM White Book is delayed; it is now expected February 2020. The NEM has the same Lead Editor as the ADM Version 2 update, which has higher priority.	To Alain: Produce NEM White Book 1 after ADM P1.9 is distributed.
g) A Pink Book version P2.39 review draft was received 21-Jan-2020. The WG will now commence internal review and comment. David will assign "Divide & Conquer" review assignments. Updates to CCSDS Normative Annexes in the SANA Registries referenced by the ODM continue (though some have been delayed a bit).	To David: "Divide & Conquer" review assignments. To All: Complete ODM P2.39 internal review as assigned.
h) PRM: Fran reported that responses to some questions raised during the joint MP&S/Nav WG meeting at the Fall 2019 Meetings have been prepared and are being reviewed before being submitted to MP&S. Work on a Corrigendum is under consideration; a decision has not yet been made.	To Fran: work on PRM Corrigendum text.
i) RDM: No discussion.	None
j) TDM: See status on Agenda Item #2 above.	See Action Items on #2 above.
5. Other Topics	
David mentioned that at the next telecon we will have a "Draft 0" version of the Spring Meetings Agenda, which may be helpful to people with their travel plans.	To David: Prepare "Draft 0" agenda.
6. Next Telecons	
Proposed Telecon Schedule (all Times 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.