CCSDS Navigation WG Telecon	17-Jan-2018

Attendees: David Berry, Dale Force, Cheryl Gramling, Julie Halverson, Ralph Kahle, Alain Lamy, Alexandru Mancas, Dan Oltrogge, Brian Swinburne

Notes	Action
1. PRM Status	
David showed that the CESG Poll for the PRM "Approval to Publish" is scheduled to conclude this Friday 19-Jan-2018 (it was recently changed from 15-Jan-2018). To date we have no conditions; all votes have been "Adopt Unconditionally" or "Abstain". Once the CESG Poll is complete, there must be a CMC Poll. There are many concurrent polls at this time, so PRM publishing could be delayed. Forecast: publication mid-February	• None
2. RDM Status	
The RDM is currently (as of the time of the telecon) in the #2 spot in the CCSDS Editor's queue (see https://cwe.ccsds.org/cesg/docs/Document%20Editor%20Queue.pdf , which as modified 02-Jan-2018). After the Editor finishes his work, there must be CESG and CMC Polls approved to proceed to the Agency Review. Forecast: Agency Review will start at end of February at the earliest and conclude after the Spring Meetings, which means that we will likely not have RIDs to discuss at the Spring Meetings. We will probably have to try to disposition RIDs during telecons starting in May 2018.	• To Alexandru: Start thinking about the prototyping test plan.
3. TDM Status	
The TDM P1.0.6 was submitted to the Area Director Mario Merri for approval to proceed to Agency Review. The Deputy AD Brigitte Behal had some questions that David unfortunately did not see in the document so he inadvertently added a couple of weeks' delay. A TDM P1.0.7 was prepared that incorporated Brigitte's suggestions and answered her questions, and this version was found to be acceptable for the Agency Review. Mario prepared a resolution requesting the Agency Review and the document was submitted to the Secretariat for document processing. Forecast: It will likely be mid-to-end of March before the Agency Review can start.	• To David: Start preparing the TDM Test Plan
4. NHM Status	
David reported that the formal transition of the NHM from Active Project to Draft Projecthas now been implemented. See https://cwe.ccsds.org/fm/Lists/Projects/AllOpenChartersWithDraftProjects.aspx and do a find on "2.02"	• None
5. Action Items Review / Other Document Status	
Action Items from/since The Hague meetings and general document status were discussed and updated. Many/most of the Action Items involve documents, so there is intertwined status of	• To David: Send updated Action Items with minutes and post to CWE.

Notes	Action
documents and their respective action items below. Documents are sorted below in alphabetical order. Action item target dates appear in the Action Items list.	
a) ADM: The version P1.6 update was just distributed earlier in the week. XML sections are not yet incorporated. Julie has also distributed earlier in the week a draft of the ACM for which she is seeking comments.	a) To David: Produce ADM P1.6 review assignments. Send out blank CRM for the draft. To All: Review at least per assignment. Complete ADM XML section.
b) CDM: The "CDM Originator" registry re-engineering is still in progress. Action at this point is the responsibility of SANA; everything required has been provided. https://sanaregistry.org/r/organizations https://sanaregistry.org/r/organization-roles	b) To David: Take next steps (Corrigendum to CDM) after SANA Operator responds to the submitted request.
c) Navigation Data - Definitions and Conventions: Dale will be producing a draft 3.5 by mid-February. There was some discussion of TDRSS references that he could not locate in public materials, though Cheryl did provide the documents to him. NOTE: Dale stated that GRC's funding has been eliminated, though he will be allowed to finish the Green Book.	c) To Dale: Complete producing version 3.5.
d) Navigation Data Messages Overview Green: No discussion.	d) None
e) NDM/XML: Document update not yet started. David pushed the target date several months given that the NDM/XML update is planned to NOT have instructions on building instances of APM, AEM, OPM, OMM, OEM, TDM; rather, that those instantiations will be described in the respective standard. ADM, ODM, and TDM updates are still in progress.	e) To David: Produce NDM/XML P1.1 and update schemas as possible.
f) NEM: A first White Book is anticipated prior to the Spring 2018 Meetings. Alain re-distributed the "events list" and is seeking commentary from the WG.	f) To Alain: Produce first NEM White Book.
g) NHM: See status above (agenda item #4).	g) See agenda item #4
h) ODM: An updated draft P2.37 is in progress; the target date was updated to mid-February 2018.	h) To Dan: Complete drafting P2.37.
i) PRM: See status above (agenda item #1).	i) See agenda item #1
j) RDM: See status above (agenda item #2).	j) See agenda item #2
k) TDM: See status above (agenda item #3).	k) See agenda item #3
6. SANA Registry Items/Telecon	
• Dan stated that the version of the time systems, reference frames, orbital elements, that has been sent is at "the 95% level". This is good enough to have the telecon with the SANA operator. David	• To David: Schedule Webex telecon with Marc Blanchet.

Notes	Action
mentioned that he had proposed the meeting to Marc Blanchet, but had not yet heard back from him.	
7. ODM Version 2/ISO Document 26900 Corrigendum	
• David reported an issue that had been brought to his attention by the CCSDS Editor; the issue was raised by Eduardo Bergamini, the Chair of ISO TC20/SC13. Reportedly the ISO document 26900 (the ISO number for the ODM) has not yet had the 2012 corrigendum applied. Apparently there is not a well defined process for managing this dually registered document. Tom Gannett mentioned (via email) that he is trying to get representatives of both Secretariats (i.e., that of SC13 and that of SC14) interested in resolving this problem, so WG action may not be necessary.	• To Dan: follow up if necessary with SC14.
8. Other Discussion	
• Alain suggested (rightly) that the Action Item related to the Navigation Data Messages KVN structure (i.e., future modular message) requires greater definition. • David noted that the CCSDS Meetings site has not yet been updated to provide info for the Spring Meetings. Cheryl and Julie have volunteered (informal action item) to make some suggestions for those who are not familiar with the area where the meetings will be held.	• No formal action items. Informal only.
9. Set Next Telecon	
• The next telecon date was scheduled as follows: • 14-Feb-2018 1300 UTC • **The following telecon dates are proposed leading up to the Spring 2018 Meetings** • 21-Mar-2018 1300 UTC • 09-Apr-2018 Spring Meetings commence	• To David: Send meeting invitation and Webex info for next telecon.