CCSDS Navigation WG Telecon	13-Dec-2017

Attendees: Kyohei Akiyama, David Berry, Dale Force, Cheryl Gramling, Julie Halverson, Alain Lamy, Alexandru Mancas, Dan Oltrogge

Notes	Action
0. Finalize Fall 2017 Meeting Minutes	
David indicated that he plans to finalize the Fall 2017 Meeting Minutes. Several people have sent either comments or have indicated that they have no comments. WG members who have not done either are requested to look at the minutes either 13-Dec or 14-Dec and respond. David will finalize the minutes on Friday 15-Dec-2017.	• To All Who Have Not Reviewed Minutes: Send comments, corrections, etc. to David by end of day 14-Dec-2017. • To David: Finalize Fall Meeting minutes on Friday 15-Dec-2017.
1. ACM/ADM Strategy	
David raised the topic of the strategy for the ACM, a topic that was touched upon at the Fall Meetings but not fully resolved. Do we want to do something similar to the TDM strategy, in which we committed to "quickly" publishing updates to date and immediately starting a next revision that would include ACM? Or do we want to delay the ADM update until the ACM material is complete and publish an ACM version 2 with 3 messages (APM/AEM/ACM)? David speculated that perhaps we don't have enough information to answer this question right now. To help resolve this question in a future telecon (or at Gaithersburg) Julie volunteered to send out her ACM draft-in-progress, and Alain volunteered to send out ADM P1.6 (Fall Meeting version with updates from the meeting discussions). Cheryl suggested that we should publish the ADM version 2 as soon as possible while we resolve the ACM architectural issues. As part of this discussion, David noted that the ADM (along with the PRM and ODM) is on a CESG list of standards that have disproportionately large delays. Cheryl's suggestion (if implemented) will help alleviate the CESG situation; David indicated that he is leaning in that direction.	• To Julie: Send ACM draft material prepared to date. • To Alain: Send ADM draft with updates from the Fall 2017 discussions (P1.6).
2. ODM Schedule	
The ODM schedule on the CWE was not updated at The Hague meetings because at the time we updated Project Framework schedules, Dan had already departed to address other meeting commitments. The ODM schedule in the 5 Year Plan was consulted as a guideline; David explained that we had estimated the dates for the Agency Review completion (10/2018) and Blue Book publication (10/2019). Dan indicated that these were reasonable estimates. Rather than update the schedule in real time,	• To David: Update the ODM schedule on the CWE.

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David took an action to do the updates in the Framework after the telecon.	
3. Green Book Glossary Question	
As noted in the Fall Meeting minutes, we had discussed 3 options that were raised regarding the approach to the Green Book glossary, and indicated we would resolve the topic during a telecon. Dale had inquired as to what should be in the glossary. The options discussed were: 1. Define terms inline in the document, and discontinue the Glossary in the document. 2. Define terms both inline and in the Glossary (i.e., the current approach). 3. Define terms inline in the document and in the CCSDS Glossary, and discontinue the Glossary in the document. After brief discussion during this telecon, the group elected option 2, i.e., the current approach.	• To Dale: Continue current approach of defining terms inline in the Glossary.
4. Action Items Review / 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 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: Based on the discussion of the ACM, Alain committed to send out a P1.6 update in early January 2018 in order to assess readiness for Agency Review (absent the ACM). The P1.6 will be the version discussed at The Hague, with modifications from those discussions.	a) To Alain: Produce the ADM P1.6.
b) CDM: There was continued discussion of the "CDM Originator" registry in the SANA. David showed the request prepared for the SANA Operator to update the "Organizations" registry and add the "CDM Originator" role to the various organizations. Eventually (soon?) the "CDM Originator" registry will be phased out and the role will be evident in the "Organizations" registry. 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 the end of 2017. (See also related comments on agenda item 3 above).	c) To Dale: Complete producing version 3.5.
d) Navigation Data Messages Overview Green: No discussion.	d) None
e) NDM/XML: David reported that he is behind on this due to prioritizing TDM updates, RDM updates, and SANA "CDM	e) To David: Produce NDM/XML P1.1 and

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Originator" changes. A first draft of the modified document has not yet been produced, and will not be produced until after the beginning of 2018.	update schemas as possible.
f) NEM: The project was renamed at the Fall 2017 Meetings (from "Events Message" to "Navigation Events Message"), and the project was formally kicked off. A first White Book is anticipated prior to the Spring 2018 Meetings.	f) To Alain: Produce first NEM White Book.
g) NHM: David reported that the CMC approved demotion to Draft Project, but the formal change has not yet been implemented.	g) None
h) ODM: An updated draft P2.37 is in progress (current target mid-January 2018). Dan will work to produce a P2.38 based on P2.37 comments, prior to the Spring Meetings, with the goal that this be the version submitted for Agency Review.	h) To Dan: Complete drafting P2.37.
i) PRM: No discussion.	i) None
j) RDM: White Book #7 has been provided to Mario (MOIMS AD) for his Technical Review prior to requesting Agency Review. Document number 508.1 has been assigned. We are very interested in getting the Agency Review started ASAP so we can have RIDs for the Spring Meetings.	j) To David: Submit materials to Secretariat after Mario's Technical Review.
k) TDM: David reported that the document has been provided to Mario (MOIMS AD) for his Technical Review and Resolution to advance to Red Book. Tom Gannett has indicated that a full review (not just Pink Sheets) is necessary. We are very interested in getting the Agency Review started ASAP so we can have RIDs for the Spring Meetings.	k) To David: Submit materials to Secretariat after Mario's Technical Review.
4. Other Discussion	
• Alexandru mentioned that he had not had any comments on his proposal for the "Orbit Centers" SANA Registry. • Dan indicated that he had had little further commentary (beyond that received at The Hague) on the Time Systems, Reference Frames, and Orbital Elements, suggesting that we are nearing readiness to create the registries on the SANA. Dan suggested that he prepare a document that we could share with the SANA Operator (Marc Blanchet) during a special January telecon.	• To All: review Alexandru's orbit centers SANA Registry draft. • To Dan: Prepare updated draft for discussion with SANA Operator.
5. Set Next Telecon	
• The next telecon date was scheduled as follows: • 17-Jan-2018 1300 UTC • **The following telecon dates are proposed leading up to the Spring 2018 Meetings** • 14-Feb-2018 1300 UTC • 21-Mar-2018 1300 UTC • 09-Apr-2018 Spring Meetings commence	• To David: Send meeting invitation and Webex info for September telecon.