CCSDS Navigation WG Telecon	10/18/2023

Attendees: Daniel Fischer, David Berry, Juan Crenshaw, Frank Dreger, Hideaki Hinagawa, Alain Lamy, Jose Miguel Lozano, Dan Oltrogge, Brian Swinburne, Patrick Zimmerman.

Notes	Action
1-3. Document Statuses	
• The status of selected documents in progress was reviewed. Documents are sorted below in alphabetical order.	To David: Report doc status to Daniel.
• **ADM**: David reiterated that all of the ADM materials had been forwarded to the Area Director for the final Secretariat processing and "Approval to Publish" polls, but the Area Director sent his Resolution to email addresses that did not include the CCSDS Document Editor. When David inquired about status, he learned that the CCSDS Editor had not seen the document, and thus no final edits have been made, and no polls have been opened. Consequently, there will be an additional delay in publishing the ADM. At this point, we are hopeful that the CESG and CMC Approval to Publish polls will commence soon. The ADM publication should occure before year's end.	To Secretariat: Initiate CESG Poll
• **CDM:** Brian recently distributed the CDM P-1.0.6 draft. David has distributed the "Divide & Conquer" review assignments. Review is to be a combined technical and proofreading review. Target to complete internal review is 10/29/2023.	To Brian: Complete CDM P-1.0.6 draft and distribute to WG.
• **FDM (Fragmentation Data Message):** No discussion in this meeting.	None.
• **LDM:** No discussion in this meeting.	None.
• **Navigation Data - Definitions and Conventions (NDDC):** No discussion in this meeting, but there is an update discussion on the Fall 2023 calendar.	None.
• **Navigation Data Messages Overview (NDMO):** No discussion in this meeting.	None.
• **NDM/XML Specification:** Work has not yet resumed on the NDM/XML V.4 due to FY24 startup issues, however, the ADM V.2 schemas and V.4 utility schemas (master, namespace, common) have been posted on the nav.sanaregistry.org site, and are ready to be moved to Production concurrent with the ADM V.2 publication.	To David: Complete NDM/XML Version 4 Pink Book 3.0.1.
• **NEM:** Alain indicated that he hoped to have material to discuss at the Fall meetings.	To Alain: Prepare material for discussion at the Fall Meetings.
• **NFM (Navigation Functions Message):** Dan stressed the importance of this Concept Paper because there are some upcoming use cases related to a NIST assignment that Dan is working on.	To David: Update Concept Paper to remove references to "Frankenstein" and to

Notes	Action
	incorporate Dan's comments. To Dan: Distribute draft of the NIST paper (insofar as this is possible under terms of assignment).
• **ODM:** No discussion in this meeting.	None
• **PRM:** During the meeting, we checked the Blue Book listing on the CCSDS site and observed that the Corrigendum #2 has been posted to the document (a change from the preceding day). We will discuss (and hopefully pass) a resolution to reconfirm the PRM at the Fall Meetings.	To David: Add "Reconfirm PRM" to Fall Meeting agenda.
• **RDM:** No discussion at these meetings.	To All: None
• **SANA:** No discussion in this meeting other than to reiterate that the NDM/XML 4.0 schemas are posted on the nav.sanaregistry ready for publication with the ADM, and that we have a joint meeting with the SANA Team planned for the Fall Meetings.	None at this time.
• **TDM:** Juan reported that the TDM P-2.0.2 is still in progress, and several features have been added. There are still some open items that Juan is working to close. He indicated that he planned to reach out to Tomas Martin-Mur (who guided TDM V.1 development), but has not yet done so. Although Juan indicated that he could produce an update before the Fall Meetings, David suggested that it wait until after the meetings in order to allow the WG to focus on the CDM P-1.0.6 review in progress.	To Juan: Complete development of TDM P-2.0.2
4. Action Item Update	**Action**
• We reviewed outstanding action items, made date changes and status changes as necessary.	To David: Send updated action item list with minutes.
5. Finalize Schedule for Fall 2023 Meetings	**Action**
• We reviewed the Nav WG agenda for the Fall Meetings. The time on the agenda for LunaNet discussion was moved to Tuesday at Daniel's request, and increased to allow more discussion. Daniel indicated he had a presentation to start the discussion. • See https://public.ccsds.org/meetings/2023Fall/default.aspx for details and registration for the Fall 2023 meetings (most people have already registered). • Dan provided some advance information related to Action Item #34 "Commercial, Military(?) survey for TDM interest". Bottom line, there isn't currently much interest outside the Space Agency domain.	To All: Make travel plans if attending. To David: Send updated draft schedule for review/comment.

Notes	Action
6. Next Telecons/Meetings	**Action**
• 06-Nov-2023 through 10-Nov-2023 Fall Meetings at The Hague, Netherlands	To David: Send out MS Teams invites for virtual attendees