CCSDS Navigation WG Telecon	07/12/2023

Attendees: David Berry, Vitali Braun, Juan Crenshaw, Frank Dreger, Julie Halverson, Hideaki Hinagawa, Ralph Kahle, 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 Mario & Marc.
• **ADM**: Alain indicated that he could not attend. Also, that there has not been much progress since last telecon. He acknowledged that there is not so much left to do. Julie is waiting for the next and hopefully final update from Alain, then she has a few things to do. David indicated that the XML section of the document has been updated to reflect changes from testing. All that remains if to complete the Test Report and finalize other document updates necessitated by testing results. David indicated that once the final artifacts are submitted to the Secretariat, there will be at least 2.5 months before the book is published.	To Alain, Julie: Finalize ADM 2.0 Test Report and ADM 2.0 final draft.
• **CDM**: Brian stated that he had been on holidays much of the time since last meeting, so there has not been much progress. David stated that he had finally finished his review of the P-1.0.4 draft; Brian is working on including them in the next draft, to be numbered P-1.0.6. Brian, Dan, and David agreed that the P-1.0.6 draft review would be a proofreading review only in preparation for Agency Review.	To Brian: Complete CDM P-1.0.6 draft and distribute to WG.
• **LDM:** No discussion in this meeting.	None
• **Navigation Data - Definitions and Conventions:** No discussion in this meeting.	None.
• **Navigation Data Messages Overview (NDMO):** No discussion in this meeting.	None.
• **NDM/XML Specification:** David noted that there has been no further work on the NDM/XML V.4, 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 once the ADM V.2 is published.	To David: Complete NDM/XML Version 4 Pink Book 3.0.1.
• **NEM:** No discussion in this meeting.	None
• **ODM:** No discussion in this meeting.	None
• **PRM:** David stated that Jose Miguel's PRM Corrigenda material has been distributed to MOIMS Area Director for review, and that a Resolution for creating CESG/CMC Polls for the revisions has been submitted. The material is currently in the hands of the CCSDS Lead Editor for preparation of the polls. The polls have not yet started.	To MOIMS-Nav: None. To CCSDS Editor: Prepare CESG/CMC polls.

Notes	Action
• **RDM:** No discussion in this meeting.	None at this time.
• **SANA:** No discussion in this meeting other than to reiterate that the NDM/XML 4.0 schemas are posted on the nav.sanaregistry .	None at this time.
• **TDM:** Juan indicated there were 3 remaining open items prior to producing TDM P2.0.2. He discussed some additional keywords that had been submitted by Ralph for consideration. Some potential changes to the Doppler keywords are also under consideration; these have been discussed with Cheryl, who had proposed them during the TDM V.2 revisions. Juan also informed the group of the discussions of TDM changes to support the real time transmission of the TDM; Juan and David had met with Erik Barkley and Holger Dreihan of Cross Support Services (CSS) to discuss. A joint meeting is planned for the Fall Meetings.	To Juan: Complete development of TDM P-2.0.2 To David: Send TDM P-2.0.2 review assignments.
4. Action Item Update	**Action**
• David showed that a fair number of action items from Spring had been completed. Outstanding action items from the Spring 2023 Meetings that have near term targets were reviewed and updated as necessary. • David indicated that he had distributed the "Navigation Functions Message" (aka "Super Message") Concept Paper draft, but had not received any comments on it. It is still a draft; the "official" Concept Paper will be submitted once some WG comments have been considered and incorporated as applicable. • David noted that he has had to reduced Nav WG work considerably based on budget issues (request of Program Manager).	To David: Send updated action item list with minutes.
5. Other Business	**Action**
• We reviewed at a high level the CCSDS plans for the Fall Meetings at The Hague (note that registration is not yet open). David suggested that WG members start considering travel plans for this 5 day meeting series. • See https://public.ccsds.org/meetings/2023Fall/default.aspx for details.	To All: Start thinking of travel plans if attending.
6. Next Telecons/Meetings	**Action**
• 02-Aug-2023 13:00-14:00 UTC • 06-Sep-2023 13:00-14:00 UTC • 11-Oct-2023 13:00-14:00 UTC • 06-Nov-2023 through 10-Nov-2023 Fall Meetings at The Hague, Netherlands	To David: Send out MS Teams invites for telecons