CCSDS Navigation WG Telecon	06/07/2023

Attendees: David Berry, Vitali Braun, Juan Crenshaw, Frank Dreger, Cheryl Gramling, Julie Halverson, Ralph Kahle, Alain Lamy, Jose Miguel Lozano, Patrick Zimmerman.

Notes	Action
1. Spring Meeting Minutes Finalize	
• David indicated a desire to finalize the Spring Minutes as soon as possible. A few comments have been received, but not many. Spring Meeting minutes will be finalized 14-Jun-2023.	To All: If you have not already done so, review Spring Meeting Minutes and comment.
2-4. 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 and Julie indicated that ADM testing is complete. Julie said she has sent out final ADM/KVN files, and that Luc has run them through his prototype. David needs to change the SENSORS_USED to SENSOR_USED in the ACM schema and submit it to SANA. David showed the results of the NDM/XML Test Report (one prototype); Jose Miguel indicated that his team had used the 4.0.0 schemas on the SANA, as did Luc (so 3 tests total). The single character change in one tag doesn't require a re-test. Alain hopes to have the Test Report complete by end of June.	To David: Update ACM schema. To David: Provide list of ADM artifacts required to Alain/Julie To David: Make XML Section changes in Pink Book P-1.1 and send to Alain To Alain, Julie: Finalize ADM 2.0 Test Report
• **CDM:** Brian was not able to attend. David noted that the internal review of P-1.0.4 has not yet been completed, so would need to be extended. Brian will be on leave for the next 3 weeks; this should allow sufficient time to complete the P-1.0.4 review.	To Alain: Provide CDM P-1.0.4 draft to CNES personnel who have interests. To All: Complete review of CDM P-1.0.4 as assigned.
• **LDM**: The Launch Data Message project has been approved by the CMC.	To Dan:
• **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 the V.4 which will cover the ADM V.2 changes remains in preparation (schemas are complete except for correction of error noted above, testing by 3	To David: Complete NDM/XML Version 4 Pink Book 3.0.1.

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testers has been completed). There will almost certainly be a several month gap between ADM V.2 publication and NDM/XML V.4 publication since they will not be ready for "Approval to Publish" polling at the same time (the ADM will certainly be completed first given that the NDM/XML 4.0 has not yet had Agency Review). This will not prevent the schemas from being used since they've been tested by 3 testers.	
• **NEM:** No discussion in this meeting.	None
• **ODM:** No discussion in this meeting.	None
• **PRM:** Jose Miguel stated that his draft proposal of the PRM Corrigenda has been distributed to the ESA Mission Planning Team for review, but he has not had a response. Subsequent to the meeting he received a request from the ESA team to show the changes in context in the document. Once the ESA Team review is done, the Corrigenda will have to be CESG/CMC polled for inclusion in the document.	To Jose Miguel: apply Corrigenda in context and provide to ESA Team
• **RDM:** No discussion in this meeting.	None at this time.
• **SANA:** No discussion in this meeting other than to note that the NDM/XML 4.0 schemas are posted on the nav.sanaregistry . Also, David showed that the Orbit Centers registry had been updated per our request.	None at this time.
• **TDM:** Time ran out due to David not watching the clock closely enough. David and Juan did discuss timing of a meeting with Erik Barkley, Area Director of Cross Support Services, regarding the real-time TDM topic. Juan also inquired about some changes requested by ESA Delta-DOR; David said this is a good time to request new features since the document is in revision.	To Juan & David: Proceed with meeting with Erik. To Juan: Continue development of TDM P-2.0.2
5. 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.	To David: Send updated action item list with minutes.
6. Other Business	**Action**
• David mentioned that he had been working on Action Item #45 "Develop Navigation Functions Message Concept Paper" and would send it out for review.	To David: Send out Concept Paper to team.
7. Next Telecons/Meetings	**Action**
• 12-Jul-2023 13:00-14:00 UTC • 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