

CCSDS Navigation WG Telecon	12-Dec-2018
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Attendees: David Berry, Cheryl Gramling, Julie Halverson, Ralph Kahle, Alexandru Mancas, Fran Martinez, Dave Vallado.

Notes	Action
1. SANA Registry Status	
David reported that he is nearly prepared to submit the Covariance Matrix material to the SANA, however, there's one item he needs to confirm with Dan. It is also not a good idea to overload the SANA team in his opinion, so the provision of new material has been a bit measured of late (several recent submissions of material are still either only partially completed or apparently not started: Celestial Body Reference Frames, Attitude and Spacecraft Conventions, prototype of navigation references, and registry hierarchical structure). David speculated that Peter Shames, who oversees the SANA, probably has the SANA team working on some higher priority tasks.	To David: Submit additional registry material as appropriate.
2. Action Items Review & Other Document Status	
Action Items from/since the Berlin meetings and general document status were discussed and dates were updated. Progress is good (16 of 48 action items have been completed since the Berlin meetings). 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: The P1.8 is in progress based on the Berlin discussions. Julie noted that she will need to deliver updated Attitude Comprehensive Message (ACM) material to Alain based on the recent ODM/OCM P2.38 draft given that we wish to harmonize ACM and OCM insofar as that is possible.	To Julie: Provide ACM updates to Alain. To Alain: Complete P1.8 draft after Julie's ACM updates arrive.
b) CDM: The CMC Poll for the CDM update project was successfully completed 12-Nov-2018. Subsequent to the telecon the new project was moved to the "Approved" project framework charter. So we can officially commence work.	To David: Ensure that Brian Swinburne is set up to initiate the work.
c) Navigation Data - Definitions and Conventions Green Book: Cheryl's foci now are revised material on "measurements", glossary cleanup and migration to SANA, and reference citations. David reported that he was nearly complete with review of Section 6 (measurements).	To Cheryl: Complete draft 3.6.
d) Navigation Data Messages Overview Green Book: The 1.0.3 update draft is still in progress. Distribution of this (potentially final) update has been delayed into mid-January 2019 due to other Lead Editor work conflicts. Progress is good overall.	To Patrick: Complete draft 1.0.3.

Notes	Action
e) NDM/XML: David reported that he had requested Fran and Frank to review the changes in the NDM/XML P1.0.1	To Fran, Frank: Review changes in P1.0.1 in preparation for P1.0.2 draft.
f) NEM: No discussion at this telecon with exception of applicable action items regarding provision of events lists to Alain.	To All: Respond to Fall 2018 Action Items associated with NEM.
g) ODM: Version P2.38 was distributed a couple of weeks prior to the telecon. Review assignments have been sent.	To All: Review assigned sections of ODM P2.38.
h) PRM: No discussion.	None
i) RDM: Prototype development at (ESA and DLR) is nearing completion. Excellent progress is being made.	To Alexandru and Ralph: Continue prototyping effort.
j) TDM: A draft incorporating the RID dispositions from the Agency Review was distributed shortly before the telecon. Reviewers were notified as to the dispositions. The prototyping test plan draft is nearly complete; none of the RIDs required changes in the test plan. Some of the tests in the plan are already underway. Cheryl reported that she is on track with code changes for the prototype at GSFC, and TJ at AGI is willing to participate in the Doppler counts test. Fran reported that he is still working on plans for the Phase test. A TDM Version 3 project was approved at the Fall CMC Meeting and by CMC Poll. Subsequent to the telecon the new project was moved to the "Approved" project framework charter. So we can officially commence work (but the focus at present should be on completing the TDM V.2).	To All: Continue with TDM V.2 prototyping effort.
3. Other Discussion	
None	None
4. Next Telecons	
Proposed Telecon Schedule (all Times UTC) <ul style="list-style-type: none"> • 23-Jan-2019 14:00 Nav WG Telecon • 20-Feb-2019 14:00 Nav WG Telecon • 03-Apr-2019 13:00 Nav WG Telecon • 24-Apr-2019 13:00 Nav WG Telecon • 06-May-2019 Spring 2019 Meetings commence 	To David: Send out meeting invitation and Webex info.