

CCSDS Navigation WG Telecon	20-Jun-2018
-----------------------------	-------------

Attendees: Kyohei Akiyama, David Berry, Frank Dreger, Dale Force, Cheryl Gramling, Julie Halverson, Ralph Kahle, Alain Lamy, Alexandru Mancas, Fran Martinez, Patrick Zimmerman.

Notes	Action
1. RDM Status	
Alexandru reported that the CMC Poll for the RDM Red Book Agency Review completed successfully. We expect the Agency Review to commence shortly (David estimates it will start before the end of June).	To Alexandru and David: Watch for start of Agency Review.
2. TDM Status	
David reported that the TDM Pink Book Agency Review commenced 25-May-2018 and is scheduled to end 24-Jul-2018. To date, no RIDs have been filed. The prototyping test plan draft with minor updates was sent out. We are waiting for updates on the phase measurement test. The test plan is nearly complete given current knowledge, but may have to be expanded depending on outcomes from the Agency Review.	To David: Continue preparing the TDM Test Plan.
3. SANA Registry Status	
David reported that he had sent the first batch of annex material for the Time Scales and Orbit Centers registries to the SANA Operator along with a reminder as to how we see the registries being organized. No acknowledgment response has yet been received (but it was filed only the previous day so that's not unexpected). The Orbital Elements annex was one of the first three registries prioritized in the May meeting, but that was not submitted yet due to time constraints; it will be next. David suggested we continue to prioritize the material as we work through the remaining annexes, and submit one or two at a time. In support of this, the current omnibus action items will be broken out into one action item for each registry and individually scheduled.	To David: Send Orbital Element material to SANA Operator. To David: Break out the Action Items into individual entries for each registry.
4. NEM Schema	
Fran showed the group the NEM XML materials he had developed based on the quick prototype he had shown at Gaithersburg. The expanded material included a simple XML list of events to be used by the user, an XML instantiation built from the list, and a schema against which the instantiation could be validated. We will need to continue working through the contents, but this material represents a very good start. Alain inquired about arrangements for a KVN format NEM, and Fran indicated that this could be accommodated with an XSL Transform. We will need to define what the KVN format message will look like so the XSLT can be built to construct it.	To David: Schedule an "XML Boot Camp" for the Fall Meetings, with Fran as presenter. To Fran: Prepare material for the "XML Boot Camp"

Notes	Action
5. CSS eventAbstractType	
<p>Related to the NEM XML materials is the eventAbstractType built by the CSS/Service Management WG (Colin Haddow). Fran had sent materials in response to one of his action items that provided more detail on how this abstract type would be used in the NEM. The NEM utilities that he has built are compatible with the CSS abstract event type.</p>	<p>To All: Review Fran's materials.</p>
6. Action Items Review & Other Document Status	
<p>Action Items from/since the Gaithersburg 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.</p>	<p>To David: Send updated Action Items with minutes and post to CWE.</p>
<p>a) ADM: Alain is working through comments received on ADM P1.6. The target date of the next ADM draft was extended to end of July. Julie indicated that she was working through comments received on the ACM draft 2.</p>	<p>a) To David: Complete ADM XML section and send to Alain.</p> <p>To Julie: Continue with ACM development.</p>
<p>b) CDM: We discussed the status of the 5 Year Review. "Retire" has been eliminated, but we still have to decide between "reconfirm" and "revise". David indicated that Dan had suggested delay for a month or two while we wait for USAF input. Cheryl inquired whether or not we need to wait until we have all potential inputs before we make a decision. David indicated he would add the CDM Decision to the next telecon agenda.</p>	<p>b) To David: Request SANA Operator to remove the "CDM Originator" Registry after CDM Corrigenda are published.</p> <p>To David: Add "CDM Decision" to next telecon agenda.</p>
<p>c) Navigation Data - Definitions and Conventions Green Book: Dale reported that progress on the Green Book is slow because among other things he has a new boss. The target date for the 3.6 draft was extended to mid-July.</p>	<p>c) To Dale: Complete Green Book 3.6 draft.</p>
<p>d) Navigation Data Messages Overview Green Book: No discussion.</p>	<p>d) To All: Review Patrick's draft and send comments (this is not a thick, complicated document).</p>
<p>e) NDM/XML: No discussion.</p>	<p>e) To David: Produce NDM/XML P1.0.1 and update schemas as possible.</p>

Notes	Action
f) NEM: Alain continues to work on the NEM requirements. At this point, many foundational items are being developed. David suggested that pushing out the date for the first White Book until a few weeks prior to the Fall Meetings might make sense; Alain agreed.	f) To Alain: Continue with NEM requirements development. Consider KVN format for NEM. Prepare initial White Book for Fall Meetings.
g) ODM: Dan was unable to attend due to being on vacation. Previously he had expressed great interest in making progress on the migration of Annex material to SANA, as that will have a great impact on the progress of the ODM. That process has now started, but it will take some time. In Dan's absence, David extended the target date for ODM P2.38 by a month (and it may even get pushed a further depending on how rapidly the SANA operator can respond to Nav WG requests).	g) None at this time.
h) PRM: No discussion.	h) None
i) RDM: See status above (agenda item #1).	i) See agenda item #1
j) TDM: See status above (agenda item #2).	j) See agenda item #2
7. Other Discussion	
• None	None
8. Set Next Telecon	
Proposed Telecon Schedule (all at 1300 UTC) <ul style="list-style-type: none"> • 25-Jul-2018 • 05-Sep-2018 • 03-Oct-2018 • 15-Oct-2018 Fall Meetings commence 	To David: Send out meeting invitation and Webex info.