

CCSDS Navigation WG Telecon	16-May-2018
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Attendees: David Berry, Dale Force, Julie Halverson, Ralph Kahle, Alexandru Mancas, Fran Martinez, Dan Oltrogge, Dave Vallado, Patrick Zimmerman.

Notes	Action
1. Approve Spring Meeting Minutes	
Attendees approved the Meeting Minutes from the Spring Meetings. David will apply the changes he received from a few members and issue the final minutes.	<ul style="list-style-type: none"> To David: Apply submitted changes and publish minutes.
2. RDM Status	
The CESG Poll for the RDM Red Book Agency Review completed with conditions set by one of the AD's. Alexandru has addressed the conditions and they were approved by the AD who levied them. The revised Red Book has been provided to the Secretariat. The CMC Poll for the RDM Red Book Agency Review should be in the next batch of CMC Polls processed by the Secretariat.	<ul style="list-style-type: none"> None
3. TDM Status	
The CMC Poll for the TDM Pink Book Agency Review completed with 100% "Adopt" votes, so it is expected that the Agency Review will commence shortly.	<ul style="list-style-type: none"> To David: Continue preparing the TDM Test Plan
4. SANA Registry Status/Prioritize SANA Annex Material	
David reported that he had followed up with Marc Blanchet and Julien Bernard of the SANA Operator to thank Julien for coming to the meeting at Gaithersburg, and also to recap our requests from those meetings. We are still looking for commitment and progress on the Annex migration. David suggested that rather than send ALL of the material at one time that we want SANA to process, we prioritize the material and send the most important (and possibly easiest) first, then work through the remaining annexes. This idea was accepted. We prioritized the Time Scales, Orbit Centers, and Orbital Elements annexes for the first delivery. We do have one action item relating to the Time Scales still in work; when that is completed, the first batch of annex material will be sent to SANA. Julie raised an important question related to version control of the SANA material. Because multiple people have been working on it, knowing the "official version" can become hard. Dan has been the keeper of the master; he suggested that this arrangement is OK but that anyone making changes must update the document with change tracking active.	<ul style="list-style-type: none"> To Frank, Fran, Cheryl, Vallado: Complete work on Action Item #29 from Gaithersburg (target date 29-May-2018). To David: Send Time Scale, Orbit Center, and Orbital Element material to SANA Operator, with suggestion for organizing them. To David: Inquire of SANA Operator regarding their format for equations. To David, Dan, Julie: Consider version control measures.
5. Evaluate CDM Requests... Revise? or Reconfirm?	
<ul style="list-style-type: none"> We continued discussion relative to the 5 Year Review process. We have had several proposed revisions from users so 	<ul style="list-style-type: none"> Wait for further information from USAF.

Notes	Action
<p>we seem to be leaning toward "revise", but we have not concluded those discussions and haven't evaluated the suggestions. Dan reported that the USAF continues to review the book to determine if they have revision requests beyond those we have already received. There is no rush in our 5 year review; Dan suggested that we wait a month or two to make a decision on the reconfirm or revise question.</p> <ul style="list-style-type: none"> • Our set of corrigenda has been submitted to the Secretariat in conjunction with migration of the "CDM Originator" registry information into the "Organizations" registry; the CESG Poll to apply the corrigenda is currently in progress (and for some reason must be followed by a CMC Poll... process-wise I think this is an issue that should be addressed by CESG. A corrigendum is an engineering matter that should not require the heads of delegation to concur). 	<p>Defer decision one to two months.</p>
<p>6. Confirm NDM/XML Version 2 Plan</p>	
<p>During the Spring Meeting an idea was proposed, but not formally approved, to remove only the TDM/XML at this time since it is closest to being completed. Then when the updated ADM and ODM are published, another revision project will be necessary to remove ADM and ODM material. David suggested that we formally approve this plan. There were no objections, so he will proceed with the plan.</p>	<ul style="list-style-type: none"> • To David: Prepare NDM/XML P1.0.1 (minus TDM, retain ODM, retain ADM).
<p>7. Action Items Review & Other Document Status</p>	
<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>	<ul style="list-style-type: none"> • To David: Send updated Action Items with minutes and post to CWE.
<p>a) ADM: Alain was unable to attend the meeting, so we didn't have a status on the ADM. Version P1.6 is the latest version, still in internal review.</p>	<p>a) To All: Review at least per assignment.</p> <p>To David: Complete ADM XML section.</p>
<p>b) CDM: See status above (agenda item #5).</p>	<p>b) To David: Request SANA Operator to remove the "CDM Originator" Registry after CDM Corrigenda are published.</p>
<p>c) Navigation Data - Definitions and Conventions Green Book: Dale reported that progress on the Green Book is slow because his other projects are requiring a lot of his time, his standards</p>	<p>c) To All: Review Green Book 3.5.</p>

Notes	Action
funding has been cancelled, and some family issues have required him to take some time off work.	
d) Navigation Data Messages Overview Green Book: The CMC Poll to approve this new project was completed successfully at the beginning of April. Patrick has provided a first draft of the updated document.	d) To All: Review Patrick's draft and send comments.
e) NDM/XML: See status above (agenda item #6).	e) To David: Produce NDM/XML P1.0.1 and update schemas as possible.
f) NEM: Alain was unable to attend, but provided status by email about his action item (NEM requirements): "I hope I can send the document soon to the group: I would say in less than 2 weeks from now."	f) To Alain: Continue with NEM requirements development.
g) ODM: Dan 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.	g) To All: Review ODM P2.37 at least per assignment. To David: Continue dialog with SANA Operator on SANA Registries
h) PRM: David reported that he had requested updates to the PRM Templates SANA registry https://sanaregistry.org/r/pointing_request_message (update the "Policy", change "Provisional" to "Assigned". Subsequent to the meeting, SANA reported that the changes had been made. Check it out..	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
8. Other Discussion	
• None	• None
9. Set Next Telecon	
Proposed Telecon Schedule (all at 1300 UTC) <ul style="list-style-type: none"> • 20-Jun-2018 • 25-Jul-2018 • 05-Sep-2018 • 03-Oct-2018 • 15-Oct-2018 Fall Meetings commence 	<ul style="list-style-type: none"> • To David: Send out meeting invitation and Webex info.