

CCSDS Navigation WG Telecon	06-Apr-2022
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Attendees: David Berry, Vitali Braun, Frank Dreger, Julie Halverson, Hideaki Hinagawa, Alain Lamy, Jose Miguel Lozano, Dan Oltrogge, Brian Swinburne, Patrick Zimmerman.

Notes	Action
1. ODM 3.0 Status	
<ul style="list-style-type: none"> Dan indicated that the ODM document status is good (all review items complete) and that the prototype testing has commenced. The testing is not as far along as he would like, but the test plan is being worked. Dan inquired about next steps. David indicated that the ODM standard update would not proceed any further until the testing is complete and the test report filed, so that is the current priority. Dan also noted that it may not be necessary to schedule any discussion time during the Spring Meetings; a brief update will be desirable, but a full telecon does not need to be devoted to this topic. 	<p>To Dan: Continue prototype testing and reporting.</p> <p>To David: Remove ODM from the Meeting Schedule.</p>
2. ADM 2.0 Status	
<ul style="list-style-type: none"> We checked the Secretariat's Document Editor queue. The ADM is high on the list, with few other entries in the same state. Based on past performance, it can be anticipated that CESG polls could begin in early May (maybe even late April). David reiterated that this is a very good time for Alain & Julie to work on a prototype testing plan for the ADM because now that the document draft is being worked by the Document Editor, there will be approximately 4 months more where no other ADM action is possible: <ul style="list-style-type: none"> Secretariat Document Processing: two months (maybe only one more at this point since they've had it for a while) CESG/CMC Polls for Agency Review: at LEAST one month Agency Review: two months The above times assume that there is no idle time between steps; typically this is not a good assumption. 	<p>To Alain & Julie: Start thinking about test plan.</p> <p>To Dan: Send ODM Test Plan MS Word version to Alain & Julie.</p>
3. CDM 2.0 Status	
<ul style="list-style-type: none"> Brian indicated that he had received comments on the CDM P1.0.2 from four WG members. David apologized for being far behind on his review responsibility. 	To All: Perform CDM P1.0.2 review per assignments.
4. Spring Meeting Options	
<ul style="list-style-type: none"> David discussed options for the Spring Virtual Meetings. Two potential options were discussed (note that nominal meeting dates are from 09-May-2022 through 27-May-2022): <ol style="list-style-type: none"> A weekly meeting on Wednesdays at the same time as our monthly telecons starting 27-Apr-2022 and extending through 25-May-2022, 5 meetings total; and 	To All: Review the draft agenda proposals, rank them in preferred order, with #1 being your favored choice, #2 less

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<p>2. Meetings Monday, Wednesday, Friday starting 09-May-2022 and ending 27-May-2022.</p> <ul style="list-style-type: none"> • Dan identified a few relevant conferences that occur during this time frame; David will attempt to avoid these in meeting scheduling, insofar as that is possible. 	<p>avored, and send to David.</p>
5. SANA / Rob Rovetto	
<ul style="list-style-type: none"> • Dan noted that Rob Rovetto is associated with ISO TC20/SC14 and is interested in an ontological analysis of terms in the SANA Registry. This is related to an ongoing effort between CCSDS and SC14 regarding harmonization of technical terms in the space domain. No specific action is necessary, but Dan felt it was worthwhile to inform the group about this topic. 	<p>None.</p>
6. Action Item Status	
<ul style="list-style-type: none"> • Action items from the Fall 2021 Meetings were not reviewed due to lack of time. David will extend target dates of open items to the date of the next telecon. 	<p>To David: send updated Action Items document with telecon minutes. Also post to CWE.</p>
7. Document Status	
<ul style="list-style-type: none"> • The status of each document in progress was not directly reviewed. Status in the below notes is based on meeting comments, emails, and other advisories as to progress. Documents are sorted below in alphabetical order. Action item target dates appear in the Action Items list. 	<p>To David: Report document status to Mario and Marc.</p>
<p>a) ADM: See status on agenda item #2 above.</p>	<p>See action items on agenda item #2 above.</p>
<p>b) CDM: See status on agenda item #3 above.</p>	<p>See action items on agenda item #3 above.</p>
<p>c) Navigation Data - Definitions and Conventions Green Book: No discussion in this meeting.</p>	<p>None.</p>
<p>d) Navigation Data Messages Overview: No discussion in this meeting.</p>	<p>None.</p>
<p>e) CDM: See status on agenda item #4 above.</p>	<p>See action items on agenda item #4 above.</p>
<p>f) NDM/XML Specification: David reported that he and Jose Miguel have been discussing changes that will address problems we have encountered with the schema versioning and SANA. This will be discussed in depth at Spring Meetings.</p>	<p>To Jose Miguel and David: Continue to iterate on ideas.</p>
<p>g) NEM: No discussion during this meeting.</p>	<p>None.</p>
<p>h) ODM: See status on agenda item #1 above.</p>	<p>See action items on agenda item #1 above.</p>
<p>i) PRM: No discussion in this meeting.</p>	<p>None</p>
<p>j) RDM: No discussion in this meeting.</p>	<p>None</p>
<p>k) SANA: Dan inquired whether or not we should have a discussion with the SANA Team during the Spring Meetings.</p>	<p>To David: Add SANA to the meeting schedule.</p>
<p>l) TDM: No discussion in this meeting.</p>	<p>None</p>

Notes	Action
8. Other Discussion	
<ul style="list-style-type: none"> • Dan mentioned an interesting study being conducted by Daniel Moomey of the US Space Force. He is "currently researching orbital debris issues, using the historical repository of 18th Space Control Squadron generated orbital Conjunction Data Messages" (quote from his LinkedIn page), back to 2016. This promises to be a very interesting study! 	None
9. Next Telecons	
<ul style="list-style-type: none"> • 27-Apr-2022 13:00-14:00 UTC • 09-May-2022 thru 27-May-2022 Spring 2022 Meetings (nominal dates), VIRTUAL, schedule TBD. 	To David: Send out meeting invitations and Webex info.