

Attendees: David Berry, Frank Dreger, Cheryl Gramling, Julie Halverson, Ralph Kahle, Alain Lamy, Alexandru Mancas, Fran Martinez, Dan Oltrogge, Brian Swinburne, Patrick Zimmerman.

| Notes | Action |
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| 1. CCSDS Normative Annex SANA Registry Status | |
| David showed the progress on the Normative Annex SANA Registry (https://sanaregistry.org/r/navigation_standard_normative_annexes). The Time Scales, Orbital Elements, and Orbit Centers registries have been completed; David noted that Julien Bernard has been very responsive to our efforts. Since the Covariance Matrix content is similar to that of the Orbital Elements Registry, it might be a good candidate for a next registry, but in any case we will discuss and hopefully finalize any remaining sub-registries face-to-face at the Fall Meetings. Not mentioned during the meeting, but relevant to SANA progress, is the fact that the "Conjunction Data Message Originator" registry is now marked "Obsolete". | <p>To David: Time permitting, send Covariance Matrix material to SANA Operator.</p> <p>To David: Query SANA Operator regarding specification of default order of entries (e.g., for Time Systems, we would like it to be by the "Name" field.</p> |
| 2. Fall Meetings Agenda | |
| The Fall Meetings draft agenda (most current, Draft 4) was reviewed. Fran Martinez indicated some travel constraints, so we adjusted the agenda accordingly (ODM discussion moved from Tuesday morning to Monday afternoon, JSON and future message formats discussion moved to Thursday morning, other items adjusted accordingly). We discussed several items that could be moved earlier if we finished agenda items early; there are a few such topics that are of potentially short duration such as individual SANA Registries and TDM V.3 thoughts. Plus, sDan Oltrogge requested a brief slot to discuss future standardization efforts in the context of Space Traffic Management. | <p>To David: Update Fall Meeting schedule, send with minutes from the telecon, and update on CCSDS web page.</p> <p>To David: Query Julien Bernard regarding his schedule... come a little later on Thursday morn?</p> |
| 3. Action Items Review & Other Document Status | |
| 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. | To David: Send updated Action Items with minutes and post to CWE. |
| a) ADM: Alain has had several commitments so has not yet been able to complete and distribute the P1.7 update of the ADM. He also had some issues with the section numbering in the XML sections which delayed him. The Attitude Comprehensive Message (ACM) material (analogous to the ODM's Orbit Comprehensive Message) is not yet incorporated. The P1.7 should come out about a week prior to the Fall Meetings. | <p>To Alain: Complete P1.7 draft.</p> <p>To All: Review latest draft of the ACM chapter and send comments.</p> |

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| b) CDM: A new project to revise the CDM will be worked on at the Fall Meetings. | None |
| c) Navigation Data - Definitions and Conventions Green Book: Version 4 updates are in progress. Lead Editorship of this document was recently picked up by Cheryl Gramling due to the loss of funding for Dale Force. Cheryl had discussed with David that it would not be possible to complete the 3.6 update prior to the Fall Meetings, but a 3.5.5 interim draft with many of the submitted changes can and will be distributed. The 3.6 update will be completed after the Fall Meetings. We still plan to request the CESG/CMC Polls and publication a few months after the Fall Meetings if Cheryl feels the work is ready, and depending on the level of additional commentary from the 3.5.5 draft. | To Cheryl: Distribute Green Book 3.5.5 interim draft. Complete Green Book 3.6 draft. |
| d) Navigation Data Messages Overview Green Book: Patrick indicated he will need a bit more time for his second draft of the document, but it should be available just prior to the Fall Meetings. | To Patrick: Complete draft 1.0.2. |
| e) NDM/XML: Draft P1.0.1 was distributed 30-Sep-2018. No review is requested at this time. | To David: Present NDM/XML P1.0.1 for discussion at Fall Meetings. |
| f) NEM: Alain has not had much time to work on this document. David stated that the ADM has higher priority. Distribution of the first NEM White Book was postponed until about a month after the Fall Meetings. Fran indicated that he is ready to provide an XML overview at the Fall Meetings; no software will need to be installed on participant computers for the overview presentation. | To Alain: Consider KVN format for NEM. Prepare initial White Book after Fall Meetings. To Fran: continue to prepare XML overview material for Fall Meeting. |
| g) ODM: Dan has not yet been able to complete the ODM P2.38, but is still planning to produce it just prior to the Fall Meetings. Based on the fact that the CCSDS Normative Annexes SANA Registries are now in progress, Dan will remove the applicable annexes from P2.38. | To Dan: Produce ODM P2.38. |
| h) PRM: No discussion. | None |
| i) RDM: No discussion. | To Alexandru: Continue prototype test plan preparation. |
| j) TDM: No discussion. | To David: Continue prototype test plan preparation. To David: Prepare tentative RID resolutions. |

| Notes | Action |
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| 7. Other Discussion | |
| None | None |
| 8. Set Next Telecon | |
| Proposed Telecon Schedule (all at 1300 UTC) <ul style="list-style-type: none"> • 15-Oct-2018 Fall Meetings commence • 14-Nov-2018 Nav WG Telecon • 12-Dec-2018 Nav WG Telecon • 16-Jan-2019 Nav WG Telecon • 13-Feb-2019 Nav WG Telecon • 20-Mar-2019 Nav WG Telecon • 24-Apr-2019 Nav WG Telecon • 06-May-2019 Spring 2019 Meetings commence | To David: Send out meeting invitation and Webex info. |