

**Attendees:** David Berry, Dale Force, Cheryl Gramling, Julie Halverson, Ralph Kahle, Alain Lamy, Byoung Sun Lee, Alexandru Mancas, Fran Martinez, Dan Oltrogge, Dave Vallado, Patrick Zimmerman

| Notes  | Action   |
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| <b>1. PRM Blue Book Approach Status</b>  |  |
| David stated that Fran had completed the updated PRM Test Plan/Report and made a few small modifications to the PRM. Then David had provided the finalized PRM, documentation of review and reviewer comment dispositions, test plan/report to Mario Merri, and requested a resolution for CESG/CMC polls and eventual publication. Mario has requested the CMC Poll. Fran reported that he had very recently been informed of a new issue identified with the PRM by ESOC that may require a change in the PRM. Since this came to Fran's attention so recently, he has not yet had an opportunity to analyze it and assess the implications. David will need to contact Mario and the Secretariat to temporarily halt progress on the PRM while the situation is assessed. | <ul style="list-style-type: none"> <li>• To Fran: Complete research into newly found PRM issue.</li> <li>• To David: Contact Mario Merri and the Secretariat regarding the PRM issue.</li> </ul> |
| <b>2. Action Items Review &amp; Document Status</b>  |  |
| Action Items from/since the San Antonio 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.   | <ul style="list-style-type: none"> <li>• To David: Send updated Action Items with minutes &amp; post to CWE.</li> </ul>  |
| a) ADM: ADM P1.4 is in review; there was no discussion.  | a) To All: Complete review of ADM P1.4 sections as assigned  |
| b) CDM: There was discussion of the "CDM Originator" registry in the SANA (see item 3). Several action items were assigned for researching specific entries in that registry where the organizations are not already in the "Organizations" registry. Eventually the "CDM Originator" registry will be phased out (or possibly turned into a filtered version of the "Organizations registry).   | b) The action items appear below and in the Action Items list.   |
| c) EVM: We have been working to have the Events Message converted to an active project. Alain and David filled out the schedule plan and requested a CMC poll. That poll has not yet been initiated, but subsequent to the meeting, both Mario and Nestor Peccia approved moving forward with the poll.  | c) None  |
| d) Navigation Data - Definitions and Conventions: Version 3.4 of the document is in review; there was no discussion.   | d) To All: Review Long Intro and Short Intro,  |

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|   | and provide opinion to Dale. Complete review of sections of version 3.4 of the document as assigned.   |
| e) Navigation Data Messages Overview Green: No discussion.  | e) None  |
| f) NDM/XML: No discussion   | f) None  |
| g) NHM: David noted that we do not yet have a second prototyping agency for the NHM; the related action item was pushed out to the Fall Meetings.   | g) To Julie: Continue research into viability of NHM concept.  |
| h) ODM: ODM P2.36 is in review; there was no discussion.  | h) To All: Complete review of ODM P2.36 sections as assigned   |
| i) PRM: See PRM status in agenda item #1 above.   | i) See PRM action items in agenda item #1.   |
| j) RDM: RDM WB4 is in review; there was no discussion.  | j) To All: Complete review of RDM WB4 sections as assigned   |
| k) TDM: There was no discussion.  | k) To David: Produce the TDM P1.0.5  |
| <b>3. "CDM Originator" Registry</b>   |  |
| <p>Based on a topic that arose during review of the RDM, David showed the group the new "Organizations" and "Organization Roles" registries in the SANA Registry. The CCSDS is working to reduce the number of registries containing Organization information and centralize it in the "Organizations" registry, with the roles assigned by various standards listed in the "Organization Roles" registry. Then a particular role is assigned as an attribute to an entry in the "Organization" registry. The matter of interest to the Nav WG is the "CDM Originator" registry. Under the evolving scheme, the organizations in this registry must have an entry in the "Organizations" registry and be assigned the attribute "CDM Originator". Here are links to the registries:</p> <p><a href="https://sanaregistry.org/r/organizations">https://sanaregistry.org/r/organizations</a><br/> <a href="https://sanaregistry.org/r/organization-roles">https://sanaregistry.org/r/organization-roles</a></p> <p>A good example is that for the European Space Agency: <a href="https://sanaregistry.org/r/organizations/records/12">https://sanaregistry.org/r/organizations/records/12</a> . Once this page is opened, do a "Find" on "Roles". There are (as of this date) four different roles listed. Eventually "CDM Originator" may be listed here as well.</p> | <p>To Dan: Provide organization info on the Space Data Center.</p> <p>To Alain: Provide organization info for GNOSE.</p> <p>To Alexandru: Provide organization for ESA SST (or other ESA group that produces CDMs).</p> <p>To David: Obtain organization info for JSpOC.</p> <p>To David: Establish "CDM Originator" role in SANA "Organization Roles" registry.</p> |
| <b>4. Fall Meeting Hotel Arrangements</b>   |  |
| David reminded the group that he had heard from his Program Manager at JPL that The Hague will be the site of a large European  | To All: Consider the recommendation to book  |

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| <p>Union meeting around the same time as our Fall Meetings; it was recommended that people make hotel arrangements as soon as possible. There were several comments regarding the cost for the accommodations. Several people have already made reservations. More info at:<br/> <a href="https://public.ccsds.org/meetings/2017Fall/default.aspx">https://public.ccsds.org/meetings/2017Fall/default.aspx</a> .</p>   | <p>hotels early if planning to attend the Fall 2017 Meetings.</p>   |
| <p><b>5. Fall Meeting Topics</b></p>   |   |
| <p>Dan reported that there are several conflicting meetings during the same week as the Fall Meetings that are likely to reduce participation in the Fall Meetings by some members of the WG. David indicated that the agenda will be arranged so as to accommodate members' availability insofar as that is possible. Those who will have conflicts should let David know as soon as possible so the Fall agenda can be optimized for travel and other conflicting schedules.</p> | <p>To All: Notify David if plans limit participation in Fall Meetings.</p> <p>To David: Organize Fall Meeting agenda accordingly.</p> |
| <p><b>6. Other Discussion</b></p>  |   |
| <ul style="list-style-type: none"> <li>• Dan indicated that the SANA registry work on Time Scales, Reference Frames, and Element Sets was being done as one document. Also he suggested that the work Julie had submitted on the Attitude representations be folded in. Dan and Julie will work together on this.</li> </ul>   | <ul style="list-style-type: none"> <li>• To Dan, Julie: Proceed with action items.</li> </ul>   |
| <p><b>7. Set Next Telecon</b></p>  |   |
| <ul style="list-style-type: none"> <li>• The next telecon date was scheduled as follows:</li> <li>• Aug-2017: NO TELECON</li> <li>• 13-Sep-2017 1300 UTC</li> <li>• <b>The following telecon dates are proposed leading up to the Fall 2017 Meetings</b></li> <li>• 18-Oct-2017 1300 UTC</li> <li>• 06-Nov-2017 Fall Meetings commence</li> </ul>  | <ul style="list-style-type: none"> <li>• To David: Send meeting invitation and Webex info for September telecon.</li> </ul>           |