

**Attendees:** Kyohei Akiyama, David Berry, Joe Hashmall, Luis Martin, Dan Oltrogge, Juan Carlos Raymond, Karen Richon, Dave Vallado, Patrick Zimmerman.

| Notes  | Action   |
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| <b>1. Diagrams and Simple Text for Nav Green Book V.1</b>  |  |
| <ul style="list-style-type: none"> <li>• Luis' diagrams were discussed and some suggestions were made for revisions.</li> <li>• For the "TDM, NHM, ODM, ADM Use Case Example", Joe noted that "TM Reception" might be incorrect with respect to tracking data. The top bubble label might be better as "Tracking/TM Data Reception". Dan noted that ODMs might result in cases where there is no tracking/telemetry, e.g., launch cases or other mission design studies. It was suggested that some text be added to indicate that this is an example use case, and that there are likely other use cases for the messages. We agreed that it would not be desirable to overly complicate the diagrams by trying to cover ALL use cases (which is probably impossible). There are also likely processes other than attitude determination using NHM data. So this is a representative example that does not cover the use case space.</li> <li>• For the "ODM, CDM Use Case Example", all seemed to agree that it met the requirements well.</li> <li>• For the "PRM Use Case Example", it was suggested that the first bubble be labeled "Desired instrument pointing"; it might also be desirable to show several desired instrument pointings that will compete in the determination of the final instrument pointing.</li> <li>• For the "SMM Use Case Example", it was suggested that we not try to include all 3 flavors of SMM at this point given that the development of the 2 more complex flavors has been deferred for a while. The existing diagram seems sufficient for the MPM. (Perhaps the title could be "SMM/MPM Use Case Example"). David noted that we can update the Green Book V.1 when the other 2 messages become more real.</li> <li>• David also suggested that a future plan for the Green Book would be to make frequent small updates as changes to the group's standards are made (we have spent far too long on the existing update). Such a plan would accommodate the revision to the SMM diagram to include the MDM and MAM at the applicable times.</li> </ul> | <ul style="list-style-type: none"> <li>• To Luis: publish revised diagrams</li> <li>• To Juan: incorporate revised diagrams in Green Book V.1 next draft, along with text as noted.</li> </ul> |

| Notes  | Action  |
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| <b>2. Document Status</b>  |   |
| <ul style="list-style-type: none"> <li>• ADM: Alain was unable to attend, so no status.</li> <li>• CDM: No new status.</li> <li>• EVM: Alain was unable to attend, so no status.</li> <li>• NHM: WB10 has been released. Review assignments were made; reviews in progress.</li> <li>• ODM: David reported that the ODM V3 update had been added to the CCSDS Framework. The schedule items were shown to the group and David explained how they had been derived. Work can begin in earnest once we receive Dan's analysis of the relative impacts of the suggested changes.</li> <li>• PRM: Neither Fran nor Jürgen were able to attend, so no status.</li> <li>• SMM: Karen will be putting out the draft of the SMM with only MPM per the action item date.</li> <li>• TDM: David reported that he had sent out the TDM P1.0.2 the previous day. Review assignments have not yet been sent, but will be sent shortly.</li> <li>• Green Book: Juan had troubles connecting with the telecon and was finally able to join in the last few minutes, so we didn't get a status. However, he is waiting for review comments to arrive (target date for all to send their comments is 05-Jan-2015).</li> </ul> | <ul style="list-style-type: none"> <li>• None</li> <li>• None</li> <li>• None</li> <li>• To All: Complete NHM review tasks by 05-Jan.</li> <li>• None immediately... waiting for impact analysis of the suggested changes.</li> <li>• None</li> <li>• To Karen: send out SMM/MPM draft.</li> <li>• To David: Send out TDM review assignments</li> <li>• To Juan: Incorporate next release of Luis' diagrams into Green Book V.1.</li> </ul> |
| <b>3. Action Item Status</b>   |   |
| <ul style="list-style-type: none"> <li>• Action items were reviewed and target date modifications were made as applicable. The revised list will be sent out with the minutes of the telecon.</li> </ul>   | <ul style="list-style-type: none"> <li>• To David: Send out revised Action Items list</li> </ul>  |
| <b>4. London Draft Minutes Questions</b>   |   |
| <ul style="list-style-type: none"> <li>• David indicated that he had only received comments on the draft minutes from Alain, and inquired whether anyone else had comments. None were raised during the meeting, but subsequent to the meeting David received corrections from a few attendees; these will be processed and the final minutes sent out.</li> </ul>   | <ul style="list-style-type: none"> <li>• To David: Send out final London Meeting minutes.</li> </ul>  |
| <b>5. Other Discussion</b>   |   |
| <ul style="list-style-type: none"> <li>• This was the first Nav WG telecon using the new JPL Webex. The first 10+ minutes of the telecon were spent resolving sign-in issues. One issue is that there is a green "Sign In" button on the first panel displayed, but it is only for JPL personnel.</li> </ul>   | <ul style="list-style-type: none"> <li>• To David: Provide feedback to JPL Webex personnel on possible improvements to the sign-in process.</li> </ul>  |
| <b>6. Next Telecon Scheduling</b>  |   |
| <ul style="list-style-type: none"> <li>• The next telecon will be held 14-Jan-2015, 1300 UTC.</li> </ul>   | <ul style="list-style-type: none"> <li>• To David: Send invitation.</li> </ul>  |