

Attendees: David Berry, Vitali Braun, Juan Crenshaw, Cheryl Gramling, Kiyoshi Hamada, Hideaki Hinagawa, Alain Lamy, Jose Miguel Lozano, Dan Oltrogge, Dianne Poster, Mehran Sarkarati, Brian Swinburne, Patrick Zimmerman

Notes	
0. Breaking News	Action
<ul style="list-style-type: none"> David reported that he had heard in JPL's semi-weekly Standards meeting that Tom Gannett, CCSDS Editor for many years, had chosen to retire. It appears that little or no notice was given, so there's no replacement and consequently a big gap in CCSDS capability for an indefinite period of time. 	None for Nav WG.
1. Re-Entry Data Message 5 Year Review	
<ul style="list-style-type: none"> David reminded that we have a pending 5 Year Review for the RDM. Since we were not able to perform the review at the Fall 2024 Meetings, we had decided we would perform the review during a telecon. David reminded everyone of the options: "Reconfirm?, Retire?, Revise?" After some discussion of the ramifications of each option, here are the results of the solicitation of comments: Jose Miguel: Should not retire. Indicated that he had received some comments for improvement of the RDM from colleagues at GMV, but perhaps not sufficient for a vote to "Revise". Vitali: Should not retire. Indicated that there seems to be more and more interest in linking the RDM with airspace operations, basically to prepare warnings to operators of aircraft. No specific needs for changes were identified. Hideaki: Should not retire. IADC is using the standard. No specific needs for changes from JAXA. Dan: In SC14, if there's a standard that's published and out there we don't always have good statistics on who's using it, and to me it's a mistake to cancel it because the work's already done. In general we don't have good stats on the usage of NavWG standards, but we should not retire due to increasing importance being placed on satellite re-entry. Cheryl: Inquired whether or not it is possible to make small revisions? David responded that "technical corrections" (corrigenda) require CESG/CMC polling and may require testing, "errors" of an editorial nature can be done by the Secretariat Editor without polling. But even small technical changes that would lead to a new version of the Blue Book would require an approved new project, Agency Review, testing, polling, etc. So it's non-trivial. We can do an update, but it will be a big project and we already have several in the queue. David: Expressed that there doesn't seem to be sufficient interest or requirement for revising at this time. Indicated that if a need does arise in the future, the WG can propose an update to the CESG/CMC using the standard process. So there's no risk of having to wait 5 years to revise if we reconfirm now. 	To David: Submit "Reconfirm" request to Secretariat for CESG/CMC polling.

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<ul style="list-style-type: none"> After these discussions, in a voice poll, there were no objections to reconfirmation. David will submit the reconfirmation recommendation to the Area Directory Mehran Sarkarati to request the reconfirmation. 	
2. Document Status	
<ul style="list-style-type: none"> The status of selected documents in progress was reviewed. Documents are sorted below in alphabetical order. 	To David: Report "simple" doc status to MOIMS AD.
<ul style="list-style-type: none"> ADM: Not discussed in this meeting. 	None
<ul style="list-style-type: none"> CDM P-1.2: Brian indicated that he was waiting for Test Plan document to be reviewed. 	To David: Review draft Test Plan, complete XML Schemas.
<ul style="list-style-type: none"> FDM: Vitali indicated that he is waiting for progress on the NCM. 	To David: NCM White Book 1.0
<ul style="list-style-type: none"> LDM: Dan indicated that he is waiting for progress on the NCM. Dan proposed a meeting with Vitali to discuss how to make joint progress on the FDM and LDM 	To David: NCM White Book 1.0
<ul style="list-style-type: none"> Navigation Data - Definitions and Conventions (NDDC): Julie was unable to attend the telecon but reported via email that she has not had recent opportunity to continue progress on the Green Book transition to SANA. She plans to resume working on it. 	To Julie: Resume transition work.
<ul style="list-style-type: none"> Navigation Data Messages Overview (NDMO): Not discussed in this meeting. 	None
<ul style="list-style-type: none"> NCM (Navigation Composite Message): No direct discussion in this meeting. David did mention that Dan had done a brief presentation on the NCM concept for a recent TraCSS meeting. There was a request to share the presentation. It's now on the CWE at https://spacecomm.sharepoint.com/:b:/r/sites/MOIMS/Shared%20Documents/MOIMS-NAV/Draft%20Documents/Navigation%20Composite%20Message%20(NCM)/20250116_NCM_CCSDS_Oltrogge.pdf?csf=1&web=1 	To David: Produce NCM White Book 1.0 To David: Share the NCM presentation.
<ul style="list-style-type: none"> NDM/XML 4.0 Specification: David indicated that he has essentially finished revisions to the document, and is working on the Test Report, which will contain an argument that further testing is not necessary because the applicable schemas were tested by 3 parties as part of the ADM 2.0 testing, and the schemas are in operations now on the SANA Registry. 	To David: Complete Test Report and submit to Area Director.
<ul style="list-style-type: none"> NEM: Alain reported that there is nothing new, but Frank is working on some consistency issues in the current documents. 	To Alain & Frank: Continue fleshing out NEM White Book.
<ul style="list-style-type: none"> ODM: Not discussed in this meeting. 	None
<ul style="list-style-type: none"> PRM: Not discussed in this meeting. 	None
<ul style="list-style-type: none"> RDM: See above (agenda item #1). 	To David: Submit "Reconfirm" action to Secretariat for polling.
<ul style="list-style-type: none"> SANA: Not discussed in this meeting 	None
<ul style="list-style-type: none"> TDM: Juan reported that he has been working other priorities; also that he anticipates heightened non-CCSDS activity in March. 	To Juan: Continue work on P-2.0.3 based on internal review of 2.0.2
<ul style="list-style-type: none"> TraCSS: Dan and David had attended a recent TraCSS Meeting to discuss NavSol and the NCM. 	Proceed with TraCSS support as requested.

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2. Action Item Update	Action
<ul style="list-style-type: none"> Due to time constraints, Action Items were not reviewed in this meeting. 	To All: Work on action items as time permits.
3. Spring/Fall 2025 Meeting Info	Action
<ul style="list-style-type: none"> David stated that the Spring 2025 Meetings will be hosted by APL at Laurel Maryland, 09-Jun-2025 through 13-Jun-2025. Cheryl suggested that people try to book accommodations early. She also suggested that there's very little actually in Laurel, Maryland, but that Columbia, Maryland has some good places as well. In response to a question, Mehran indicated that the Fall 2025 Meetings would be held in Hamburg, Germany, at the University of Hamburg. 	To David: Share more information as it becomes available.
4. Any Other Business	Action
<ul style="list-style-type: none"> Juan commented a bit on the LNIS activity. There is a lot of activity with Augmented Forward Signal. There's been an addition of people to the task. Is it the right path? Meeting recording is available on the Nav CWE until next meeting (we only keep a small number of these large recording files)... https://spacecomm.sharepoint.com/:v:/r/sites/MOIMS/Shared%20Documents/MOIMS-NAV/CWE%20Private/Telecon%20Recording/CCSDS%20Nav%20WG%20Telecon-19-Feb-2025_061406-Meeting%20Recording.mp4?csf=1&web=1 	<ul style="list-style-type: none"> None
5. Next Telecons/Meetings	Action
<ul style="list-style-type: none"> Upcoming Meetings: 02-Apr-2025 1300-1400 UTC 07-May-2025 1300-1400 UTC 09-Jun-2025 thru 13-Jun-2025: Spring Meetings: will be sponsored by Johns Hopkins University Applied Physics Lab (JHU/APL) in Laurel, Maryland, USA 	To David: Send invites as applicable