

CCSDS Navigation WG Telecon	28-Jun-2017
-----------------------------	-------------

Attendees: David Berry, Frank Dreger, Dale Force, Julie Halverson, Byoung Sun Lee, Alexandru Mancas, Fran Martinez, Dan Oltrogge, Patrick Zimmerman

Notes	Action
1. PRM Prototype Testing Status / PRM Blue Book Approach Plan	
The WG reviewed the results of the final test case in the PRM prototyping plan (i.e., the General Procedure test of adapting a ROSETTA PRM into a CCSDS PRM). Frank Dreger explained that although there were some discrepancies, they were minor and the Test Judges viewed the test as a "pass". The Navigation WG telecon attendees reviewed the test case and agreed with the recommendation of the Test Judges. David will proceed with the Blue Book Approach Plan (i.e., provide finalized PRM, documentation of review and reviewer comment dispositions, test plan/report to Mario Merri, and request a resolution for CESG/CMC polls and eventual publication). David detailed the remaining steps (which include some final work by the CCSDS Lead Editor and two polls, each lasting two weeks). He indicated that by the end of August we should hopefully have a published PRM (assuming the AD, CESG, and CMC agree with us).	<ul style="list-style-type: none"> • To Fran: Complete final version of the Test Plan / Test Report • To David: Submit all required materials to Mario Merri.
2. Action Items Review & Document Status	
Action Items from 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"> • To David: Send updated Action Items with minutes & post to CWE.
a) ADM: Alain was not able to attend, so there is no status.	a) To All: Complete review of ADM P1.4
b) CDM: No discussion required.	b) None
c) EVM: No discussion.	c) None
d) Navigation Data - Definitions and Conventions: Dale indicated that he had provided context information on the Long Intro versus Short Intro topic, but has received no input on the matter.	d) To All: Review Long Intro and Short Intro, and provide opinion to Dale. Review version 3.4 of the document.
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, but Mario had indicated that the Orange Book option was acceptable to the CESG if we decide to exercise that option. Thus a second prototyping	g) To Julie: Continue research into viability of NHM concept.

Notes	Action
agency is not urgent at this point. Julie continues to research viability of alternative NHM concepts.	
h) ODM: No discussion	h) To David: Send review assignments for the ODM P2.36.
i) PRM: See PRM status in agenda item #1 above.	i) See PRM action items in agenda item #1.
j) RDM: Alexandru has just published RDM version 4. David is still about 60% finished with the XML section for the RDM. Alexandru volunteered to take it over. David will send him a draft by end of next week and Alexandru can incorporate and/or modify it as needed.	j) To David: Complete drafting RDM XML material; update schema To Alexandru: Incorporate XML material into next draft.
k) TDM: David noted that he had received very few comments on the TDM P1.0.4. The review item was marked complete.	k) To David: Produce the TDM P1.0.5
3. Fall Meeting Hotel Arrangements	
David informed the group that he had heard from his Program Manager at JPL that The Hague will be the site of a large European Union meeting around the same time as our Fall Meetings; it was recommended that people make hotel arrangements as soon as possible. More info at https://public.ccsds.org/meetings/2017Fall/default.aspx .	To All: Consider the recommendation to book hotels early if planning to attend the Fall 2017 Meetings.
4. Mailing List Issues	
David provided status on the email list cleanup effort being executed by the Secretariat. To date, all WG members have elected to be members of both the internal Working Group email list and the less frequently used public email list.	None.
• 5. Finalize Spring 2017 Minutes	
<ul style="list-style-type: none"> David indicated that he planned to issue finalized minutes of the Spring 2017 Meetings, and inquired if there were any corrections/additions that people would like to have incorporated. There were no suggestions, and no objections raised to finalizing the minutes. 	<ul style="list-style-type: none"> To David: Finalize Spring 2017 minutes, distribute to WG members, upload to CWE.
6. NWIPs for European SSA Standards	
<ul style="list-style-type: none"> This item was added to the telecon agenda based on materials that Dan had sent to David the preceding day. There were 2 documents that had been brought to Dan's attention in conjunction with his ISO TC20/SC14 activities. Based on the content, and similarity to Nav WG documents, it seemed somewhat natural to consider these documents (perhaps in a cover sheet method?). It was originally thought that the documents were part of ECSS standardization efforts, but Alexandru stated that they were documents associated with the CEN/CLC standards body (reverse acronym unknown to David). Alexandru is very aware of the documents and had even 	<ul style="list-style-type: none"> None in general. Alexandru is the expert and can keep an eye on them for the WG. To David: Add 30 minutes to Fall 2017 agenda for discussion.

Notes	Action
<p>drafted one of them. David inquired whether or not these should be discussed at the Fall meetings; Alexandru indicated that this would be OK and 30 minutes should be sufficient.</p>	
<p>7. Other Discussion</p>	
<ul style="list-style-type: none"> • In the final few minutes Dan shared a couple of ISO TC20/SC14 documents showing WG3 and WG7 documents and their interdependence with Nav WG work. It was noted that most of the "message" type documents are products of the CCSDS (ISO TC20/SC13), and Dan suggested that commentary from WG14 members might be useful/beneficial during development. David indicated that this had been done in the past with the Orbit Data Messages version 2 and the Conjunction Data Message, but for various reasons it was not accomplished to the extent that perhaps might have been desirable. In general David doesn't believe there are issues with sharing drafts between the subcommittees and considering comments during development. 	<ul style="list-style-type: none"> • None
<p>8. Set Next Telecon</p>	
<ul style="list-style-type: none"> • The next telecon date was scheduled as follows: • 26-Jul-2017 1300 UTC • Aug-2017: NO TELECON • The following telecon dates are proposed leading up to the Fall 2017 Meetings • 013-Sep-2017 1300 UTC • 18-Oct-2017 1300 UTC • 06-Nov-2017 Fall Meetings commence 	<ul style="list-style-type: none"> • To David: Send meeting invitation and Webex information for July telecon.