

SECTION 305 TECH SUB COMM

MINUTES

JULY 28, 2016

3:00PM EASTERN

CONFERENCE CALL

FACILITATOR	<i>Tammy Krause, Revision Control Coordinator, NGEN Technical Subcommittee</i>
ATTENDEES	Core Team Members: <i>Tammy Krause for Mario Bergeron, Jeff Gordon, Curtis McDowell for Allan Paul, Marci Petterson, Jennifer Bastian, Troy Hughes, Troy Hughes also as proxy for Phil Meraz, Jason Biggs, Momo Tamaoki, Michael Burshtin, Andrew Wood, Jay Gilfillan, Jeff Schultz, Art Peterson, Steve Hewitt, Industry Members: Martin Bloedt, Bill Saddler, Richard Curtis, Kevin Myles, Chuck Wochele, Jack Madden, Steve Morrison, Rick Brilz</i>
ABSENTEES	<i>Mario Bergeron, Allan Paul, Charlie Poltenson, Phil Meraz, Vincent Brotski, Jonathan Hines, Melissa Shurland, Devin Rouse, Anand Prabhakaran, Charles Bielitz, Nico Lindenau, Sal DeAngelo, Michael Coltman, Brian Marquis, Shayne Gill, Larry Salci</i>

DISCUSSION/DECISIONS MADE

1.

In the absence of Chairman Bergeron, Tammy Krause, Amtrak, called today's meeting to order, asking Steve Hewitt to call the roll.

After calling the roll, Steve confirmed the presence of a quorum.

As always, industry participants are asked to email a notification of their attendance to Steve Hewitt at shewitt109@aol.com

2.

Review of the Meeting Agenda – Tammy Krause:

Tammy Krause provided a brief overview of today's meeting agenda.

3.

Review of Action Items that are not on the agenda – Steve Hewitt:

Steve Hewitt reviewed the open action items, providing a brief update on only those items that were not to be specifically covered on the agenda:

Maintaining Industry Participation List: Status: There are currently **258** registered industry participants.

Requesting Backgrounder educational document: The NGEN Executive Board has requested two pictures of the new Charger locomotive be included in the two pager (one on each page) before approving it for publication.

RVAAC Update: RVAAC presented its recommendations for improved access on rail vehicles to the Access Board on July 29, 2015. Melissa will keep the Tech SC apprised as deliberations conclude. There is a backlog in rulemaking projects, and so it was not decided how and when to proceed with those recommendations. Anyone who would like the link to the RVAAC report should contact Melissa Shurland, at Melissa.shurland@dot.gov.

Status: Nothing new to report for today.

Updating ECP Standards: This is an ongoing item which the Technical subcommittee is tracking – it is anticipated that status updates will take place on every other call. (ongoing)

4.

Approve Minutes from July 14, 2016 – Tammy Krause:

On a motion by NCDOT, and a second by Caltrans, the Minutes from the 7-14-16 Technical subcommittee conference call meeting were approved without exception.

5.**Update: Diesel-electric Locomotive Procurement – Jennifer Bastian for IDOT:**

Jennifer Bastian provided the following update from IDOT for inclusion in today's minutes:

- *JPEs continue to receive Siemens' weekly revised schedule and conduct weekly conference calls. The main basis for revised weekly schedules reflects on-going testing up-dates.*
- *The first two pilot locomotives were being at TTCI for vehicle/track dynamic interaction. The tests are concluded with successful results.*
- *The locomotives were also tested for AAR Chapter XI track interaction protocol. The tests are concluded with successful results.*
- *JPEs hope for Siemens to test PTC, while at Pueblo. Legal issues for one-day use of the Data Radio and the communications software (the "Image") continue to be a difficulty. Assistance from Amtrak is needed to facilitate use of the "Image" for this one-day test in Pueblo.*
- *The four MARC cars have arrived at TTCI for locomotive propulsion tests. Initial tests up to 130 mph have been successfully completed.*
- *The monthly QA meeting was held July 6 at Siemens factory. The next meeting is scheduled for August 10.*
- *All fifteen (15 ea.) DCRs will be processed by the re-established locomotive working group. Rich Stegner will distribute to the locomotive sub-team leaders this week.*
- *The test plan for 125 mph testing on the North East Corridor was approved by FRA, as submitted by (Maryland MARC Train Service) MARC. MARC/Amtrak are reported processing the test agreement.*
- *Siemens targets shipping locomotive #4 to Baltimore, next Friday 8/5.*
- *Each JPE are working out details for pre-revenue test plans, with Amtrak.*
- *Follow up Technical Advisory Groups (TAG) continue working on an on-going basis for the action items from the AAR Standard vehicle qualification testing and acceptance.*
- *The locomotive weight was reported in June 2016, at 270,725 lbs (+/-). Based on actual component weights, the locomotive weight has varied little in the last six months. The calculated P2 force is within specified limits.*

6.**Update: DEF Working Group – Jennifer Bastian, IDOT:**

Jennifer Bastian reported that the last formal meeting was held July 11th, and moving forward, the DEF group we will meet as needed and Jennifer will keep the subcommittee apprised.

7.**Update: Bi-Level Car Procurement – Momo Tamaoki, Caltrans:**

Momo Tamaoki provided the following update on the Bi-Level car procurement for inclusion in today's minutes:

- *FAIs – Truck Assembly FAI took place on July 12 in Rochelle. Our Subject Matter Expert reported that it was an excellent FAI with no open issues. The upcoming FAIs are for passenger seat and table, food service cars and ATR/UTR in fall 2016.*
- *Carshell – We continue to have regular updates from NS to review the progress of the design issues and the schedule for the design activities. The last update meeting was July 25, Monday. Carshell design activities are now proceeding in accordance with the schedule requirements of the supplemental design review in 2017. A number of design refinements have been incorporated into the structure and the Method 2C model has been created. All load cases have been run on this model and the analysis of the results is underway. Any further refinements will be added to Method 2D, which is the final standard model. Briefings were provided on a number of the design updates such as material changes, plate thickness increases and additional webs.*
- *Testing – The seat/table dynamic tests took place on June 30 & July 1. While some tests were successfully completed, there are still a few open items that need to be discussed and worked out between Caltrans, NS, and Kustom Seating. We are hoping to resolve all issues by fall. We will schedule seat and table FAI after all issues have been closed.*
- *Misc. – Program Management Plan Audit took place on July 13. Nippon Sharyo (NS) was well prepared. We spent a lot of time on risk management. We were able to close about half the audit items based on the evidence that NS presented during the audit. NS agreed to revise the plan by the end of August to*

close the rest of the open items. The QA meeting, which took place on July 14, also went well. NS was the most prepared that they have ever been. Overall, they have made good progress since our last meeting, and were able to present quite a bit of quality data from the pilot car build. The next QA date was set for October 6. At that time, we will do another CDRL Element Audit. Our Quality system records audit went well with a minimal number of minor findings.

8.

Summary Report: 7-20-16 Accessibility Working Group Meeting – Melissa Shurland, FRA:

Melissa Shurland was unavailable today and it was agreed that this item will be tabled until the next meeting (8-11-16).

9.

Document Control Update: Tammy Krause, Amtrak:

Tammy Krause provided the following report for inclusion in today's minutes:

Last week the Executive Board Review Panel met to discuss the proposed C.4 revisions to the Bi-Level Specification.

The review panel agreed to send the specification to the Executive Board with the recommendation to approve the changes. Hopefully that will be voted on next week.

I have received requests from 7 people to join various technical sub-committee. If anybody else would like to join any of them, please let me know.

I have requested the leaders of the sub-committees to verify their participant lists and send them to me so that we have an updated list.

That is all I have to report today.

10.

Other Issues/Adjourn:

With no other issues to come before the subcommittee today, Tammy Krause adjourned today's conference call meeting at 3:15PM Eastern.

Next Call: August 11, 2016 – 3:00pm Eastern

Decisions and Action Items

Updating ECP Standards: This is an ongoing item which the Technical subcommittee is tracking – it is anticipated that status updates will take place on every other call. (ongoing)

AWG Update: On the last call, (7-14-16) Melissa Shurland, FRA, reported that there would be a meeting of the Accessibility Working Group next Wednesday (7-20-16) to discuss several items including a review of the layout for the bathroom. A follow up report-out from the meeting will be provided on the next Technical subcommittee call. (7-28-16)

Today Melissa was unavailable so this report was tabled until the next call – 8-11-16.

RVAAC Update: RVAAC presented its recommendations for improved access on rail vehicles to the Access Board on July 29, 2015. Melissa will keep the Tech SC apprised as deliberations conclude. There is a backlog in rulemaking projects, and so it was not decided how and when to proceed with those recommendations. Anyone who would like the link to the RVAAC report should contact Melissa Shurland, at Melissa.shurland@dot.gov. (ongoing)

Requesting Background educational document: The NGEN Executive Board has requested two pictures of the new Charger locomotive be included in the two pager (one on each page) before approving it for publication.

Maintaining Industry Participation List: This remains an ongoing action item. There are currently **258** registered industry participants. (Ongoing)

DEF Working Group: Progress continues with the most recent meeting taking place on 7-11-16. During that meeting it was decided that the group, going forward, will meet on an as needed basis only.

AAR Committee: The committee is making progress within the 6 sections or subgroups with about 90% draft completion. In particular, the VTI group has two key outstanding issues yet to be resolved. Once resolved the first draft will be ready for public review.

Next update: 8-11-16.

Procurement Updates: Progress reports from the lead states on the two PRIIA multi-state equipment procurements are provided on each technical subcommittee call. (ongoing)

Bi-Level Revision C.4: Larry Salci has completed his review of the changes to the Bi-Level Specification to be included in Revision C.4 and provided a DRAFT report with recommendations to the Review Panel. The Panel met and approved the report on 7-21-16. It has been sent to the Executive Board for its consideration on 8-2-16.

Technical working groups Review/Update of the three PRIIA Single Level Specifications (car, trainsets, DMUs): On 6-16-16 Mario Bergeron directed the technical working groups to organize to begin a review/update of the aforementioned specifications once the Bi-Level Car Specification Revision C.4 has been formally adopted. The working groups will review the Bi-Level changes as applicable to the single level specs and also look at other proposed DCRs for inclusion in updated specification revisions.

Tammy Krause has reached out to working group team leaders to re-affirm their continued interest in staying on as team leaders. All have agreed to stay on.

The team leaders are doing outreach to the members of their respective working groups to ascertain their continued involvement and will provide Tammy Krause with a list of members. Thus far 7 industry members have contacted Tammy to express interest in participating on one or more of the working groups.

Tammy will, in turn, provide to team leaders the names of industry members who have expressed an interest in participating on specific working groups.

Once members have been confirmed and the list for each group is established, Tammy will compile them and send to Steve Hewitt for distribution and posting to the NGEC website on the Technical subcommittee page.

ATTACHMENTS

Next Generation
Equipment Committee



The NGEC will provide national leadership in standardization, acquisition, financing and management of passenger rail equipment.

PRIIA Section 305 Tech Sub Committee Meeting

July 28, 2016

The agenda for the meeting is below:

1. Roll Call

Steve Hewitt

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| 2. Review meeting agenda | Tammy Krause |
| 3. Review Action Items | Steve Hewitt |
| 4. Approve Minutes of July 14, 2016 | Tammy Krause |
| 5. Update: Diesel-Electric Procurement | Jennifer Bastian |
| 6. Update: DEF Working Group | Jennifer Bastian |
| 7. Update: Bi-level Procurement | Momo Tamaoki |
| 8. Summary Report: 7-20-16 Accessibility Working Group Meeting | Melissa Shurland |
| 9. Document Control Update | Tammy Krause |
| 10. Other Issues | All |
| 11. Review this meeting: | Steve Hewitt |
| a) Decisions | |
| b) New Action Items | |

***Technical Sub Committee Conference Call Meeting:
Thursday 7-28- 2016 / 3:00 Eastern / 1-866-209-1307 / passcode 6486648#
Please call in a few minutes early so all is in attendance for Roll Call.
Thank you
Next Call – 8-11-16 at 3:00pm Eastern***