

SECTION 305 TECH SUB COMM

MINUTES

AUGUST 10, 2017 3:00PM EASTERN

CONFERENCE CALL

FACILITATOR	<i>Mario Bergeron, Chair, NGENC Technical Subcommittee</i>
ATTENDEES	Core Team Members: Mario Bergeron, George Hull, Jeff Gordon, Momo Tamaoki, Allan Paul, Jennifer Bastian, Jennifer Bastian also as proxy for Eric Curtit, Phil Meraz, Jeff Schultz for Marci Petterson and as proxy for Charlie Poltenson, Jason Biggs, Michael Burshtin, Melissa Shurland, Curtis McDowell, Larry Salci, Steve Hewitt, Industry Members: Dick Bruss, Richard Curtis, Cynthia Dietz, James Michel, Pat Sheeran, Martin Bloedt, Al Bieber, Tom Hunt, Richard Stegner
ABSENTEES	<i>Charlie Poltenson, Marci Petterson, Eric Curtit, Tammy Krause, Andrew Wood, Jonathan Hines, Jay Gilfillan, Art Peterson, Devin Rouse, Anand Prabhakaran, Sal DeAngelo, Charles Bielitz, Michael Coltman, Brian Marquis,</i>

DISCUSSION/DECISIONS MADE

1.

Chairman Bergeron, Amtrak, called today's meeting to order and asked Steve Hewitt to call the roll.

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

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:

Mario Bergeron 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 **240** registered industry participants. Steve has updated the industry list with the information at hand, but continues to seek input from members regarding any additional updates or changes they may be aware of.

Requesting Backgrounder educational document: Copies remain available, and subcommittee members (core team and industry) who would like a hard copy (copies) should contact Steve at shewitt109@aol.com with the number requested and an address to send them to. This document is under review for an update by the Executive Board.

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)

Bi-Level Car Procurement: As Caltrans and IDOT are working out some contract issues with the contractor there will be nothing to report for now. As this is expected to be the status for a while, on 1-12-17 Chairman Bergeron asked that this item be removed from the bi-weekly agenda until such time that Caltrans feels that it has an update to provide to the subcommittee. Momo Tamaoki, Caltrans, will contact Steve Hewitt and the Chair when there will be something to report and an agenda item will be added to the subsequent conference call.

On 5-4-17, Responding to an inquiry from Dick Bruss, Jennifer Bastian, IDOT, stated that discussions are ongoing – and there may be something more to report in the next month or so.

Status: Asked later in the call about the Bi-Level Car Procurement, Momo Tamaoki, Caltrans, reported that there have been some updates to the effort, but nothing that she can share at this point. Momo is hopeful that she will be able to give an update on the next call 8-24-17.

AWG Update: Melissa Shurland, FRA, submitted the following report for inclusion in the minutes of 7-13-17:
The contract to Oregon State U to continue the accessibility research was awarded. I will be meeting with the principal investigator from OSU and Volpe today at 2PM to discuss simulation of the interior environment of a passenger in a large power-based wheeled mobility device under normal load profile and accident loadings, 8g longitudinal. We will be looking at some of the scenarios we developed for including 2 wheeled mobility devices on-board that resulted in one accessible space with limited containment. Any industry members from the TSC willing to provide support for our simulations should contact me at 202-493-1316. We hope to focus on simulation at first before going to sled tests.

No report on RVAAC activities.

Status: Melissa Shurland reported that there was no update for today – 8-10-17.

**4.
Approval of the Minutes from 7-13-17 – Mario Bergeron:**

With a quorum having been confirmed, Mario Bergeron called for a motion to approve the minutes from the 7-13-17 conference call:

On a motion offered by Jennifer Bastian, IDOT, and seconded by George Hull, Amtrak, the minutes from the 7-13-17 conference call were approved as presented.

**5.
Introduction of George Hull, Amtrak, as the Vice Chair of the Technical subcommittee – Mario Bergeron:**

With the retirement of Dale Engelhardt, Amtrak, the long time Vice Chair of the NGEN Technical subcommittee, Chairman Bergeron has named George Hull, Amtrak, as the new Vice Chair. George has also been named to replace Dale as Amtrak's Deputy Chief Mechanical Officer for Rolling Stock Engineering. George has been a part of the Amtrak Mechanical team since 2014, and has had an integral role with issues related to the Technical subcommittee. Mario explained that there are two Deputy Chief Mechanical Officers and 4 other senior leaders within Mechanical including the plant managers at Beach Grove (Bob Moriarty) and Delaware (Dan Ruppert).

George Hull provided a brief overview of his background. He is a 1988 graduate of the US Merchant Marine Academy – with an emphasis on Navy maintenance. He joined Amtrak as a consultant in 2006 – with a focus on on board monitoring systems and in support of the mechanical department. In January 2014, the opportunity came along for George to join Amtrak as a part of the Mechanical group.

**6.
Update: Diesel-electric Locomotive Procurement – Jennifer Bastian, IDOT:**

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

- a) JPEs continue to work with Siemens on schedule and conduct bi-weekly conference calls.*
- b) All locomotives have completed required testing and all reports have been submitted and received. 110 mph hour testing in MI and the Chicago/St. Louis line will take place when all PTC logistics and software are up and in place*
- c) All Caltrans locomotives have been delivered to Oakland. They are all in revenue service.*
- d) IDOT and Siemens have signed conditional and final acceptance on 18 IDOT units.*
- e) IDOT Revenue service started 7/27/2017, with no issues to-date. Six IDOT Locomotives have had title transfer from Siemens to IDOT, and five are in revenue service with the next one starting tomorrow. Two more planned for next week. An additional 2 units are in Chicago being prepared for revenue service. Two more units are on their way from TTCI in Pueblo.*
- f) IDOT locomotives 4616 - 4623 have completed burn-in testing at TTCI and will shipped to Chicago, as soon as storage space becomes available. Storage space in Chicago is limited, until the P-42 locomotives are re-deployed by Amtrak.*
- g) The states, Amtrak and Siemens continue to work on the Wi-tronix system implementation. Per Amtrak, the Wi-tronix system needs to be in place before the units can run in lead position. Software is being installed and testing is currently taking place to make sure the system is communicating correctly.*
- h) All WSDOT Locomotives have been delivered and have completed pre-revenue testing and are being readied for revenue service.*
- i) WSDOT reports that they are close on their lease agreement with Amtrak.*

j) Siemens warranty service locations are now established at all JPE locations.

k) The Failure Review Board has been established, with two meetings taking place so far with all JPE's included and Siemens. Amtrak representation will also be asked to take part.

Allan Paul, NCDOT, asked how long the option order for the Charger locomotives is good for.

Jennifer Bastian responded that the options were available for quite some time – but she did not have the date.

Jason Biggs, WSDOT, had the agreement in front of him and noted that there are options for up to 225 locomotives within the construction agreement, and no where near that amount have been ordered thus far. While there is no end date specifically noted, it does state that no extension shall exceed 10 years – which would appear to leave the options open until 2024.

Allan Paul noted that NCDOT is looking at the next 2-year block of time – and it seems like that timeframe will work.

Martin Bloedt, Siemens, offered to discuss further with Allan off-line.

7.

Document Control Update –Tammy Krause:

Tammy Krause was unavailable for today's call. This item will remain open – with an update scheduled for the next call 8-24-17.

8.

Progress Report – The Future of Electronics on Trains Working Group – Cynthia Dietz:

Cynthia Dietz, the recently named chair of the Electronics on Trains Working Group, introduced herself as an electrical consultant for SNC-Lavalin representing IDOT on the Charger locomotive. She is a subject matter expert.

Cynthia was named chair of the working group upon the retirement of Dale Engelhardt who had initially organized the team.

The initial scope of work of the group was to propose options for PRIIA electrical enhancements. It was determined that it made sense to begin with the PRIIA hardware specification and the DRAFT software specification as the platform to build on. Those working on the software and hardware specifications are now a part of the new working group.

After some discussion within the group, and, at the suggestion of Kevin Kesler, FRA, it was agreed that the way to begin is to develop a requirements document. An outline has been drafted and circulated among working group members.

The group will meet next Tuesday, 8-15-17, and continues to hold bi-weekly meetings. There is no set timeline for completion at this point.

Cynthia asked if the Technical subcommittee had a specific timeline to meet. Mario Bergeron commented that "we will work it out together".

Mario added that the group was initiated to improve the passenger experience with updated/enhanced electronics, and he agreed that beginning with a requirements document was a good first step.

He asked Steve Hewitt to keep this topic as a standing agenda item on the bi-weekly Technical subcommittee calls for a progress report for now.

9.

AAR Committee Update – Jeff Gordon, FRA:

Jeff Gordon, FRA, reported that the AAR Standards committee has decided to put their activities on hold for a short period of time. When it is determined that standards should be revisited they will begin again, with a focus on Chapters 5-8, having 1-4 already completed.

Asked what the reason was for putting the activities on hold, Jeff responded that he believes it is most likely an issue of resource allocation.

Jeff noted that this item could remain as an agenda item for every other Technical subcommittee call, so that he can report if anything changes, and provide updates when the group begins its activities again.

**10.
Other Issues:**

Dick Bruss asked if there was an update on the Bi-Level Cars procurement. Momo Tamaoki, Caltrans, replied that there was nothing that she could share today, but they are getting close and she is hopeful she will have something to share in two weeks or so.

Adjourn:

With no further issues to come before the subcommittee today, Mario Bergeron adjourned this conference call meeting at 3:40PM Eastern.

Next Call: 8-24-2017 – 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: *The contract to Oregon State U to continue the accessibility research was awarded. I will be meeting with the principal investigator from OSU and Volpe today at 2PM to discuss simulation of the interior environment of a passenger in a large power-based wheeled mobility device under normal load profile and accident loadings, 8g longitudinal. We will be looking at some of the scenarios we developed for including 2 wheeled mobility devices on-board that resulted in one accessible space with limited containment. Any industry members from the TSC willing to provide support for our simulations should contact me at 202-493-1316. We hope to focus on simulation at first before going to sled tests.*

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Ongoing

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Maintaining Industry Participation List: There are currently about **240** registered industry participants. Steve has updated the industry list with the information at hand, but continues to seek input from members to let him know of any additional updates or changes they may be aware of.

AAR Committee: Ongoing – Relevant updates are provided once a month.

Next Update: 9-7-17

Procurement Updates:

Diesel-Electric Locomotive Procurement: Progress reports from the lead state on the PRIIA multi-state locomotive procurement is provided on each technical subcommittee call. See item 6 above for today's update (8-10-17). (ongoing)

Bi-Level Car Procurement: As Caltrans and IDOT are working out some contract issues with the contractor there will be nothing to report for now. As this is expected to be the status for a while, on 1-12-17 Chairman Bergeron asked that this item be removed from the bi-weekly agenda until such time that Caltrans feels that it has an update to provide to the subcommittee. Momo Tamaoki, Caltrans, will contact Steve Hewitt and the Chair when there will be something to report and an agenda item will be added to the subsequent conference call.

On 7-13-17, Responding to an inquiry from Dick Bruss, Jennifer Bastian, IDOT, stated that discussions are ongoing – and there may be some updates forthcoming, but that she will defer to Momo Tamaoki on when that will occur.

Status: On 8-10-17, asked if there was an update on the Bi-Level Cars procurement, Momo Tamaoki, Caltrans, replied that there was nothing that she could share today, but they are getting close and she is hopeful she will have something to share in two weeks or so.

Document Control Update as of 8-10-17:

There was no report today – next update 8-24-17.

Ongoing

Future of Electronics on Trains Working Group: Cynthia Dietz has been named as Chair of the working group – taking over for Dale Engelhardt upon his retirement from Amtrak.

The group is starting with the development of a requirements document, An outline is circulating among group members. A progress report on the activities of the working group will be a standing agenda item for the Technical subcommittee bi-weekly calls.

ATTACHMENTS



PRIIA Section 305 Tech Sub Committee Meeting

August 10, 2017

The agenda for the meeting is below:

- | | |
|--|------------------|
| 1. Roll Call | Steve Hewitt |
| 2. Review meeting agenda | Mario Bergeron |
| 3. Review Action Items | Steve Hewitt |
| 4. Approve Minutes from 7-13-17 | Mario Bergeron |
| 5. Introduction of George Hull as Vice Chair of the Technical subcommittee | Mario Bergeron |
| 6. Update: Diesel-Electric Locomotive Procurement | Jennifer Bastian |
| 7. Document Control Update | Tammy Krause |
| 8. Progress Report: Future of Electronics on Trains Working Group | Cynthia Dietz |
| 9. AAR Committee Update | Jeff Gordon |

10. Other issues

All

11. Review this meeting:

Steve Hewitt

- a) Decisions
- b) New Action Items

***Technical Sub Committee Conference Call Meeting:
Thursday 8-10-17 / 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 -8-24-17 at 3:00pm Eastern***