

# SECTION 305 TECH SUB COMM

MINUTES

JULY 13, 2017

3:00PM EASTERN

CONFERENCE CALL

<b>FACILITATOR</b>	<i>Mario Bergeron, Chair, NGENC Technical Subcommittee</i>
<b>ATTENDEES</b>	<b>Core Team Members:</b> Mario Bergeron, Melissa Shurland for Jeff Gordon, Curtis McDowell for Allan Paul, Jennifer Bastian, Jennifer Bastian also as proxy for Momo Tamaoki, Eric Curtit, Phil Meraz, Jeff Schultz for Marci Petterson, Mike Jenkins, Tammy Krause, Michael Burshtin, Andrew Wood, Sal DeAngelo, Steve Hewitt, <b>Industry Members:</b> Jack Madden, Rich Stegner, Tom Hunt, Kevin Myles, Dick Bruss, William Slater, Bill Saddler, Richard Curtis, Joe Kenas, Al Engel, Al Bieber
<b>ABSENTEES</b>	<i>George Hull, Jeff Gordon, Momo Tamaoki, Charlie Poltenson, Marci Petterson, Allan Paul, Jason Biggs, Jonathan Hines, Jay Gilfillan, Art Peterson, Devin Rouse, Anand Prabhakaran, Charles Bielitz, Michael Coltman, Brian Marquis, Larry Salci</i>

## DISCUSSION/DECISIONS MADE

<p><b>1.</b> Chairman Bergeron, Amtrak, called today's meeting to order and asked Steve Hewitt to call the roll.</p> <p>After calling the roll, the presence of a quorum was confirmed.</p> <p><b>As always, industry participants are asked to email a notification of their attendance to Steve Hewitt at <a href="mailto:shewitt109@aol.com">shewitt109@aol.com</a></b></p>
<p><b>2.</b> <b>Review of the Meeting Agenda:</b></p> <p>Mario Bergeron provided a brief overview of today's meeting agenda.</p>
<p><b>3.</b> <b>Review of Action Items that are not on the agenda – Steve Hewitt:</b></p> <p>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:</p>
<p><b>Maintaining Industry Participation List: Status:</b> There are currently <b>240</b> 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. Along with the agenda for this call, Steve Hewitt distributed the most recent list of industry participants and requests any edits/updates/changes be sent to him.</p>
<p><b>Requesting Backgrounder educational document:</b> Copies remain available, and subcommittee members (core team and industry) who would like a hard copy (copies) should contact Steve at <a href="mailto:shewitt109@aol.com">shewitt109@aol.com</a> with the number requested and an address to send them to. This document is under review for an update.</p>
<p><b>Updating ECP Standards</b> 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)</p>
<p><b>Bi-Level Car Procurement:</b> 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.</p> <p>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.</p>
<p><b>AWG Update:</b> Melissa Shurland, FRA, submitted the following report for inclusion in the minutes of today's call (7-13-17):</p>

*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.*

**4.  
Approval of the Minutes from 6-1-17 – Mario Bergeron:**

With a quorum having been confirmed, Mario Bergeron called for a motion to approve the minutes from the 6-1-17 conference call:

On a motion offered by Jennifer Bastian, IDOT, and seconded by Curtis McDowell for NCDOT, the minutes from the 6-1-17 conference call were approved as presented.

**5.  
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) JPE's and Amtrak have signed agreements for storage, testing and commissioning the locomotives.*
- c) All Caltrans locomotives have been delivered to Oakland. They have completed all testing, and are in revenue service.*
- d) IDOT and Siemens have signed final acceptance on IDOT units: 4603- 4611. Units 4612, 4613 have been signed for conditional acceptance, final is in progress.*
- f) IDOT Locomotives 4604, 4611, 4612 & 4613 are in Chicago and the pre-revenue testing and track geometry testing has been completed on the applicable Midwest corridors. The 110 MPH 238.111a testing on the Michigan and Chicago to St. Louis corridors will be run at a later date due to IETMS/PTC implementation and ITCS software development. 4612 & 4613 are ready for revenue service. 4604 & 4611 will be ready after the 92-day maintenance is performed. The plan is to go into revenue service in the Midwest next week.*
- f) IDOT locomotives 4614 & 4615 have completed burn-in testing at TTCI and will ship to Chicago today. Locomotives 4616 & 4617 are completing burn-in tests this week and locomotives 4618 & 4619 will begin burn-in tests next.*
- e) All WSDOT Locomotives have been delivered and have completed pre-revenue testing and are being readied for revenue service.*
- g) The WSDOT 213.345 test report has been submitted by Amtrak to the FRA. FRA had no exceptions.*
- h) The IDOT 238.111b test reports were submitted to the FRA this week, and receipt was acknowledged.*
- i) IDOT, representing the Midwest States, and Amtrak have come to agreement on the lease and the lease agreement has been signed.*
- j) WSDOT indicates that they are close on their lease agreement, as well.*
- k) Siemens warranty service locations are now established at all JPE locations.*
- l) The first Failure Review Board meeting is taking place next week in Chicago. Each JPE will have a representative on the board.*

Mario Bergeron complimented Jennifer for a good report and noted that the effort is indeed progressing.

Jeff Schultz asked if the test reports provided to FRA are available to the Technical subcommittee. Rich Stegner said he would need confirmation from FRA on how to do this. He asked that Jeff coordinate details of his request with Jennifer

Bastian and that he will check with Jeff Gordon at FRA.

**6.  
Document Control Update –Tammy Krause:**

Tammy Krause informed the members that she and Rich Stegner would be working on a revised timeline for updating the PRIIA Single Level Car Specification.

Steve Hewitt reported that the NGEC Executive Board, on 6-20-17, formally adopted the Diesel-Electric Locomotive Specification Revision B, as approved previously by the Technical subcommittee and subsequently by the Locomotive Review Panel per NGEC procedures.

**7.  
Progress Report – The Future of Electronics on Trains Working Group – Tammy Krause for Cynthia Dietz:**

Tammy Krause reported that the working group last met on July 6<sup>th</sup>. They have brought in the DTL working group into this working group as the software the electronics group is looking at would require DTL.

Cynthia Dietz, SNC Lavalin, has been named Chair of the working group – taking over for Dale Engelhardt upon his retirement from Amtrak.

The next call will take place on July 18th at 3:00PM Eastern

The calls continue to be held on a bi-weekly basis.

Mario Bergeron asked that on the next Technical subcommittee call, Cynthia Dietz introduce herself, and provide the subcommittee with an overview of the motivation of the working group, its priorities and anticipated timeline.

**8.  
AAR Committee Update:**

There was no report for today.

**9.  
Other Issues:**

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.

**Adjourn:**

With no further issues to come before the subcommittee today, Mario Bergeron adjourned this conference call meeting at 3:21 PM Eastern.

**Next Call: July 27, 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. **No update today (5-18-17)**

<http://www.apta.com/resources/standards/press/Pages/default.aspx>

**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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**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](mailto:shewitt109@aol.com) with the number requested and an address to send them to.

**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: 8-10-17**

**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 5 above for today's update (7-13-17). (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.

**Document Control Update as of 5-18-17:**

Tammy Krause and Rich Stegner would be working on a revised timeline for updating the PRIIA Single Level Car Specification.

The NGEC Executive Board, on 6-20-17, formally adopted the Diesel-Electric Locomotive Specification Revision B, as approved previously by the Technical subcommittee and subsequently by the Locomotive Review Panel per NGEC procedures.

**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.

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**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 13, 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 6-1-17                                    | Mario Bergeron                 |
| 5. Update: Diesel-Electric Locomotive Procurement                 | Jennifer Bastian               |
| 6. Document Control Update  | Tammy Krause                   |
| 7. Progress Report: Future of Electronics on Trains Working Group | Tammy Krause for Cynthia Dietz |
| 8. AAR Committee Update   | Jeff Gordon                    |
| 9. Other issues   | All                            |
| 10. Review this meeting:  | Steve Hewitt                   |
| a) Decisions  |                                |
| b) New Action Items   |                                |

***Technical Sub Committee Conference Call Meeting:  
Thursday 7-13-17 / 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 -7-27-17 at 3:00pm Eastern***