

SECTION 305 TECH SUB COMM

MINUTES

JANUARY 26, 2017 3:00PM EASTERN

CONFERENCE CALL

FACILITATOR	<i>Dale Engelhardt, Vice Chair, NGENC Technical Subcommittee</i>
ATTENDEES	Core Team Members: Dale Engelhardt for Mario Bergeron, Jeff Gordon, Allan Paul, Jeff Schultz for Marci Petterson, Jennifer Bastian, Momoko Tamaoki, Charlie Poltenson, Jason Biggs, Tammy Krause, Michael Burshtin, Andrew Wood, Melissa Shurland, Larry Salci, Steve Hewitt, Industry Members: Rich Stegner, Joe Kenas, Martin Bloedt, James Michel, Steve Morrison, Wulf Dickie, Tom Hunt, Jack Madden, Kevin Myles, Bill Saddler, Pat Sheeran, Al Bieber
ABSENTEES	<i>Mario Bergeron, Phil Meraz, Troy Hughes, Art Peterson, Jay Gilfillan, Jonathan Hines, Patty Nichols, Devin Rouse, Anand Prabhakaran, Charles Bielitz, Nico Lindenau, Michael Coltman, Brian Marquis, Curtis McDowell, Larry Salci, Sal DeAngelo</i>

DISCUSSION/DECISIONS MADE

1.

Vice Chairman Engelhardt, called today's meeting to order and 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 – Dale Engelhardt, Amtrak:

Dale Engelhardt 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 **262** registered industry participants.

Requesting Backgrounder educational document: Copies have been printed, 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. They will also be available at the Annual Meeting. Nearly 250 have been distributed already, and a new printing has been ordered.

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

AWG Update: On 12-15-16, Melissa Shurland, FRA, made a presentation of the FRA/Oregon State University report: Inclusive Universal Design Guidelines for HSR Passenger Cars: Safety and Feasibility Review of Accessibility. The full report and the PowerPoint presentation were distributed prior to the call and comments were due to Melissa Shurland by 1-12-17. On 1-12-17, Melissa reported that she had received one set of comments and they were being reviewed and considered for possible inclusion in the report. It was agreed that, once the review is complete, and a decision on whether to include the comments in the report is made, Melissa will inform Steve Hewitt and Chairman Bergeron, and a decision will be made to either provide a summary of the changes on a subcommittee call, or wait until the Annual Meeting and include this as a part of the overall presentation of the Accessibility report.

Update: Melissa Shurland reported that the comments received had to do with maneuverability of the 64-inch scooter. The comments include diagrams and a request that there be a 3D mock up for clarity. Once these comments are incorporated into the report, Melissa will send a revised report to Steve Hewitt for distribution to

the subcommittee members.

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 the last call (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.

Distribution of TRB Session presentations: On the 1-12-17 subcommittee call, Jack Madden reported that the TRB session presentations will be made available in March, 2017, by TRB, to those who were registered attendees at the TRB Annual Meeting. Jack will confirm whether it is ok to distribute the presentations beyond the TRB registrants – each presenter ultimately makes that decision. Jack will contact the session presenters.

Steve Hewitt sent a notice to his and Jack's calendar for March 1 as a reminder to check on the status of the presentations and determine when they could be made available.

Mario Bergeron stated will make Tammy Krause's presentation available after the NGEN Annual Meeting.

Jack will make his introductory presentation and the statement in lieu of presentation from Caltrans, available for distribution following today's conference call (1-12-17). This task was completed and the distribution was made.

4.

Approve Minutes from December 15, 2016 and January 12, 2017 – Dale Engelhardt:

Due to the lack of a quorum approval of the minutes from the last call were tabled until this call (1-26-17).

With a quorum having been confirmed for today, acting Chair Dale Engelhardt called for a motion to approve the minutes from the 12-15-16 call and the 1-12-17 call as submitted.

On a motion offered by Allan Paul, NCDOT, and a second by Jeff Schultz, for Conn DOT, the minutes from 12-15-16 and 1-12-17 were approved as presented.

5.

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

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

- *JPEs continue to work with Siemens on schedule and conduct weekly conference calls.*
- *Locomotive 4604 that was s tested on the Northeast Corridor was delivered to Chicago, prior to the holiday break.*
- *As of now, successful 500-mile conditional acceptance tests have been completed on IDOT units: 4601, 4602, 4604, 4605, 4606, 4608, 4609 & 4610. Locomotives 4603 & 4607 are at TTCI and were tested last week. The first WSDOT locomotives are being prepared to ship to Pueblo*
- *After 500-mile testing is complete, all locomotives will next ship to Chicago, when IDOT and Amtrak agreements are in place.*
- *Maintenance demonstrations are going well at Siemens and are about 50% complete, this week.*
- *IDOT and Amtrak are close to having signed agreements for storage, testing and commissioning the locomotives.*
- *IDOT locomotive 4611 has been sent to WSDOT for 238.111(b) and WSDOT required 213.345 testing on the Cascades route. WSDOT will conduct the 238.111(b) test. Other JPEs are working with Amtrak for 238.111(a) test plans.*
- *JPEs are working with Siemens for Wi-Tronix application, as required by Amtrak. The first unit is currently being installed. Siemens progress looks good so far.*
- *All Document Change Requests (DCR) have been reviewed and approved by the working group with no issues. Rich Stegner will contact Tammy Krause for next steps for revising the specification.*
- *As-Built weights have been reported at a bit less than 267, 000 lbs (+/-). This is a little bit better than previously estimated. The calculated P2 force is within specified limits. As other locomotives are weighed, we will report.*
- *IDOT and its Fleet Manager Contractor are close to having a signed agreement in place for on-going support.*

6.

Document Control Update –Tammy Krause, Amtrak:

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

- a. *Status Update and review: Timeline for Single Level Spec Review – Currently still on schedule, have started sending out the DCRs based upon which group I think they go to.*
- b. *Status: Brightline Spec Review – The initial Brightline DCRs from Siemens have been sent out.*
- c. *Status: Review of Locomotive DCRs – next steps – Rich should complete the DCB portion of the DCR for and send back to me. I will compile into a spreadsheet and distribute to the Technical Subcommittee.*
- d. *Status: List of technical working group members – Have requested but not yet received*

7.

AAR Committee Update – Jeff Gordon, FRA:

Jeff Gordon provided the following update for inclusion in today's minutes:

The AAR Passenger Standard Technical Advisory Group (TAG) met at AAR headquarters in Washington, DC on Tuesday, January 24.

The meeting was attended by representatives from AAR, the Class I railroads including Amtrak, TTCI, APTA, Siemens, IDOT and its consultants, the Volpe Center and FRA.

Jim Grady opened the meeting and explained how we got to where we are and that the draft version of the partial standard (sections 1 through 4 of AAR's M-1006) would be reviewed as well as proposed additional sections which are in early draft form.

The draft M-1006 was reviewed paragraph by paragraph and several edits were made, including correction of some errors which existed. A revised version of this document will be circulated to the TAG members for review and further comment. Following the 30-day comment period, AAR will reissue sections 1-4 as M-1006 to its membership. During the meeting, UP confirmed it intends to apply the finalized version of this document (sections 1-4) to the ongoing Charger procurement in WSDOT.

Section 5 on Loss of Shunt is being deferred as AAR has determined that additional research on this is needed and is looking to add research on this topic to its Strategic Research Initiatives.

Sections 6 and 7 deal with requirements for moving passenger equipment (say from manufacturer location to purchaser's site) and operating regular passenger service on Class I freight railroad track. These sections were discussed and it was determined that they would be easier to use and clearer if the content were reformatted into a table or checklist. This will occur and a new version of Sections 6 and 7 will be circulated within the TAG.

Section 8, Vehicle Track Interaction, received the most attention. After much discussion about the amount of detail in the current draft, it was decided that the process for assessing track worthiness on track classes 1 through 5 should have two principal requirements – namely, low speed curving performance standard for class 1 (either the FRA Low Speed Safety Advisory OR the equivalent APTA standard currently under development when available) and Minimally Compliant Analytical Track (MCAT) simulations to quantify vehicle performance under representative limiting conditions. Volpe and TTCI staff will revise the document to reflect this approach and will perform analyses using the prototype Minimally Compliant Analytical Track for track classes 2 through 5 and compare those results to similar analyses using AAR Chapter 11 criteria to determine that the MCAT approach captures the desired vehicle performance information.

Dave Cackovic (TTCI) will schedule web meetings of the TAG to follow-up on these actions in the near future.

Dale Engelhardt thanked the committee (and Jeff Gordon) for the work and noted that he was particularly pleased with the results of the M-1006 which is important to the Charger testing program and clarified a lot of the big issues.

8.
2017 NGECE Annual Meeting - Steve Hewitt:

Review of Latest DRAFT agenda:

PRIIA Section 305 Next Generation Corridor Equipment Pool Committee (NGECE)
Room - TBD
7th Annual Meeting
February 24, 2017
8:30am – 3:00 pm EST
Hyatt Regency Hotel on Capitol Hill, Washington DC

DRAFT/Agenda
Version 6

8:00 – 8:25am	Registration (Hyatt Meeting Room)
8:25 – 8:30 am	Hotel Safety Briefing – Hyatt Regency Hotel Representative
8:30 – 8:35 am	Convene Annual Meeting: Eric Curtit, Missouri DOT, NGECE Chair
8:35 - 8:45 am	Self introductions
8:45 – 8:50 am	Confirm the presence of a quorum: Steve Hewitt, Manager, NGECE Support Services
8:50 – 9:00 am	Review Meeting Agenda: Eric Curtit Review Meeting Packets: Steve Hewitt
9:00 – 9:05 am	Approval of the Minutes from the February 14, 2016 Executive Board conference call
9:05 – 9:25 am	NGECE Chairman’s Report: Eric Curtit
9:25 – 9:40 am	Update from The Federal Railroad Administration- Michael Lestingi, FRA
9:40 – 9:55 am	Update from Amtrak– Joe McHugh, VP, State Supported Services – Business Development
9:55 – 10:10 am	Break
10:10 – 10:40 am	Treasurer’s Report & Finance and Administrative Subcommittee Update – Darrell Smith, Amtrak
10:40 – 10:45am	Consideration of Acceptance of the Treasurer’s Report – Eric Curtit
10:45 – 11:15 am	Progress Report: Technical Subcommittee: Mario Bergeron, Amtrak
11:15 – 11:25am	Electronics on New Rolling Stock – Dale Engelhardt, Amtrak
11:25 – 11:40 am	Overview: Accessibility Report – Melissa Shurland, FRA
11:40 – 11:55 am	Overview/status report: AAR Committee – Jeff Gordon, FRA
11:55 – 12:10pm	514 Subcommittee Update – Brian Beeler II, NNEPRA for Maine DOT
12:10 – 1:15 pm	Lunch (on your own)
1:15 pm	Reconvene the meeting – Eric Curtit
1:15 – 1:30 pm	Mid-West States – Section 6 – Tim Hoeffner, Michigan DOT
1:30 – 2:00pm	Status Update: NGECE Multi-State Equipment Procurements

- a. Diesel-Electric Locomotives: John Oimoen, IDOT, Dave Ward, Siemens
- b. Bi-level Cars: Steven Keck, Caltrans

2:00 - 2:30 pm Questions/Comments/Other Issues: All Attendees

2:30 – 2:40 pm Meeting Summary/Action Items Review: Steve Hewitt

2:40 – 3:00 pm Next Steps/Closing Comments: Eric Curtit

3:00pm Adjourn

Room Block Information:

The conference hotel room block has been filled. AASHTO is seeing about adding more rooms at the Hyatt, but has also posted a list of other hotels nearby for those who have not yet reserved a room. More to follow.

Registering for the Meeting:

For those who plan to attend the meeting, it is important that you send an email to Steve Hewitt to that effect. Steve will then add you to the NGEC registration list and have a name card printed for you. Having an accurate head count is important so that we can have the proper amount of printed meeting material available, and for setting up the room.

The current head count for attendance is 60 and is listed below:

2017 NGEC Annual Meeting Registrants (as of 1-26-17) (60)

NGEC Core Members

Steve Hewitt, NGEC Manager
 Eric Curtit, Missouri DOT – NGEC Chair
 Mario Bergeron, Amtrak – NGEC Vice Chair
 Darrell Smith, Amtrak – NGEC Treasurer
 Michael Lestingi, FRA
 Allan Paul, NCDOT
 Brian Beeler II, NEPPRA for Maine DOT
 John Oimoen, IDOT
 Tim Hoeffner, Michigan DOT
 Arun Rao, Wisconsin DOT
 Jason Biggs, WSDOT
 Steve Keck, Caltrans (tentative)
 John Bell, NYSDOT (tentative)
 Mike Jenkins, Oregon DOT
 Marci Petterson, Connecticut DOT
 Jennifer Bastian, IDOT
 David Simon, Wisconsin DOT
 Dale Engelhardt, Amtrak
 Tammy Krause, Amtrak
 Kevin Kesler, FRA
 Jeff Gordon, FRA
 Melissa Shurland, FRA
 Dave Warner, (Emeritus)
 Shayne Gill, AASHTO
 Bryan Hong, AASHTO
 Kamasha Hendrickson, AASHTO
 Joe McHugh, Amtrak,
 Larry Salci, SalciConsult

NGEC Industry Members:

Joe Moore, Smith Systems, Inc.
 Gil Denton, Smith Systems, Inc.

Dick Bruss, NARP
Michael Latour, Siemens
Christof Schieber, Siemens
Martin Bloedt, Siemens
Paul Ailchholzer, Siemens (tentative)
Dave Ward, Siemens
Steve Morrison, Siemens
Joe Quigley, ALSTOM
Jack Martinson, ALSTOM
Joe Gagliardino, McConway and Torley, LLC
Richard Curtis, Curtis Engineering
John M. Robinson, Wabtec Rail Electronics
Paul Jamieson, Rail and Transit Engineering, North America
Pat Sheeran, LTK Engineering
Tom LaMano, Cummins Rail, North America
Jack Madden, Erdman Anthony
Craig McKean – EMD
Steve Orzech Jr – Freedman Seating Co.
Al Bieber, STV Inc.
Lou Sanders, APTA
Nathan Levinton, APTA
Rodney Mcghee, Timken
Terry Soesbee, Rail Plan International, Inc.
Jeff Schultz, PB World (tentative)
Joe Kenas, Bombardier
Jim Coston, Corridor Capital, LLC
Alexander Epstein, Progress Rail
Walt Stringer, SBC Global (tentative)
Matthew Ward, FaiveleyTransport – a Wabtec Company
Kevin Simms, Voith

9.

Other Issues

Adjourn:

With no further issues to come before the subcommittee today, Dale Engelhardt adjourned this conference call meeting at 3:28PM Eastern.

Next Call: February 9, 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.

AWG Update: Melissa Shurland, FRA, made a presentation of the FRA/Oregon State University report: Inclusive Universal Design Guidelines for HSR Passenger Cars: Safety and Feasibility Review of Accessibility. The full report and the PowerPoint presentation were distributed prior to today's call. Comments on the report are due to Melissa Shurland by 1-12-17.

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Maintaining Industry Participation List: This remains an ongoing action item. There are currently **262** registered industry participants. (Ongoing)

AAR Committee: Ongoing – See Agenda item7 for the status update.

Next Update: Annual Meeting – 2-24-17

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 agenda item 5. (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 the last call (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.

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- d. Status: List of technical working group members – Have been requested but not received – subgroup leaders please send the member list to Tammy Krause as soon as possible.

Siemens/All Aboard Florida NGEN specification use – feedback/presentation:

Follow up action items:

Ray Ginnell will provide the subcommittee with the actual weight of the cars once they have been weighed.

NGEN Annual Meeting: The NGEN's 7th Annual Meeting will be held on 2-24-17 at the Hyatt Regency, Capitol Hill, Washington, DC from 8:30am – 3:00pm. All NGEN members are invited to attend.

For those who plan to attend the meeting, it is important that you send an email to Steve Hewitt to that effect. Steve will then add you to the NGEN registration list and have a name card printed for you. Having an accurate head count is important so that we can have the proper amount of printed meeting material available, and for setting up the room.

The current registration list is included in the minutes of this meeting, as is the current DRAFT agenda.

Distribution of TRB Session presentations: Jack Madden reported that the TRB session presentations will be made available in March, 2017, by TRB, to those who were registered attendees at the TRB Annual Meeting. Jack will confirm whether it is ok to distribute the presentations beyond the TRB registrants – each presenter ultimately makes that decision. Jack will contact the session presenters.

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Jack will make his introductory presentation and the statement in lieu of presentation from Caltrans, available for distribution following today's conference call (1-12-17) **This part of the task is complete.**

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

January 26, 2017

The agenda for the meeting is below:

- | | |
|--|------------------|
| 1. Roll Call | Steve Hewitt |
| 2. Review meeting agenda | Dale Engelhardt |
| 3. Review Action Items | Steve Hewitt |
| 4. Approve Minutes from 12-15-16 and 1-12-17 | Dale Engelhardt |
| 5. Update: Diesel-Electric Locomotive Procurement | Jennifer Bastian |
| 6. Document Control Update | Tammy Krause |
| a. Status Update and review: Timeline for Single Level Spec Review | |
| b. Status: Brightline Spec Review | |
| c. Status: Review of Locomotive DCRs – next steps | |
| d. Status: List of technical working group members | |
| 7. AAR Committee update | Jeff Gordon |
| 8. 2017 NGEC Annual Meeting | Steve Hewitt |
| a. Review of Latest DRAFT agenda | |
| b. Room Block information | |
| c. Registered attendees | |
| 9. Other Issues | All |
| 10. Review this meeting: | Steve Hewitt |
| a) Decisions | |
| b) New Action Items | |

***Technical Sub Committee Conference Call Meeting:
Thursday 1-26-17 / 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 –2-9-17 at 3:00pm Eastern***