

SECTION 305 TECH SUB COMM

MINUTES

MARCH 9, 2017

3:00PM EASTERN

CONFERENCE CALL

FACILITATOR	<i>Mario Bergeron, Chair, NGENC Technical Subcommittee</i>
ATTENDEES	Core Team Members: Mario Bergeron, Jeff Gordon, Allan Paul, Jeff Schultz for Marci Petterson, Jennifer Bastian, Momoko Tamaoki, Jason Biggs, Sal DeAngelo, Tammy Krause, Michael Burshtin, Andrew Wood, Melissa Shurland, Curtis McDowell, Steve Hewitt, Industry Members: Joe DiLiello, Richard Curtis, Paul Jamieson, Dick Bruss, Tom Hunt, Josh Coran, Al Bieber, Tom Sisler, Steve Morrison, Lew Hoens, Rich Stegner, Kevin Myles, Tom Sisler, Wulf Dickie, Jack Madden, James Michel
ABSENTEES	<i>Dale Engelhardt, Charlie Poltenson, Phil Meraz, Marci Petterson, Jonathan Hines, Jay Gilfillan, Devin Rouse, Anand Prabhakaran, Charles Bielitz, Nico Lindenau, Michael Coltman, Brian Marquis, Larry Salci</i>

DISCUSSION/DECISIONS MADE

1.

Chairman Bergeron, 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 – Mario Bergeron, Amtrak:

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 about **260** registered industry participants. Steve is updating the industry list – and is asking members to review it and let him know of any updates or changes they may be aware of.

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. Everyone attending the Annual Meeting received a copy in their meeting packet. To date over 300 have been distributed and a second printing has taken place.

Updating ECP Standards: This is an item which the Technical subcommittee is tracking. (Ongoing)

Paul provided a summary overview and progress report at the Annual Meeting. The Presentation was distributed to all Tech SC members and has been posted to the website.

Today, 3-9-17, Paul provided the following update for inclusion in the minutes:

The Emulation Service Demonstration from June 4, 2014 to February 5, 2017, the 4 coach cars accumulated a total of 1,563,133 miles.

The accumulated ECP mileage for the Revenue Service Demonstration from February 6, 2017 to March 5, 2017 is 62,364 miles.

Locomotive 670 had an unrelated fault which resulted in the four-coach car operating in emulation only for an

accumulated mileage of 4,590 miles. Therefore, the accumulated emulation mileage is 1,567,723.

To date, there has been no failures of the ECP brake equipment.

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.

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.

Status:

Jack Madden provided the following status update:

At the first TSC meeting after the TRB Annual Meeting in January, you asked if copies of the slide presentations for the TRB Session #545 concerning PRIIA could be provided to the members of the TSC. I advised that the slides would be available for Annual Meeting Attendees in early March, through the TRB Annual Meeting Website.

The 2017 Annual Meeting Slides are available to attendees of the 2017 Annual Meeting and I have down loaded copies of everyone's slides from the Session. Tammy Krause (AMTK), Dave Ward (Siemens), Kevin Kesler (FRA) and I (Erdman Anthony) have given permission to release them to the TSC; I am awaiting permission from Craig McKeen (EMD/Progress Rail). The slide presentation given by Dave Ward at the NGEC Annual Meeting is essentially that which I gave for him at the TRB Session.

As soon as I hear back from Craig at EMD/Progress Rail, I will let Steve know.

AAR Committee Update: This is an ongoing activity being monitored by Jeff Gordon, FRA, for the NGEC. Updates are provided monthly. Jeff gave a summary overview and update presentation on the efforts of the committee during the NGEC Annual Meeting on 2-24-17.

Next update due: 3-23-17

4. Approve Minutes from 2-9-17 – Mario Bergeron:

On a motion offered by Jennifer Bastian, IDOT, and a second by Jeff Schultz, for Connecticut DOT, the minutes from the last call held on 2-9-17.

5. Overview/Summary NGEC 7th Annual Meeting – 2-24-17 - Mario Bergeron/Steve Hewitt:

Mario Bergeron summarized the Annual Meeting as “well-received”. He called it a “busy day, with a lot of information shared...there was quite a bit going on and it was well attended.” He asked Steve Hewitt to provide the attendance head count when he added his thoughts on the Annual Meeting.

Mario continued “it was nice to see you all there ...a good chance to catch up with you and spend some quality time – a pleasure. Thank you all who attended.”

Steve Hewitt reported that the number of attendees at this the NGEC’s 7th Annual Meeting was 76. This is an increase from 70 participants at the NGEC 6th Annual Meeting held in February of 2016. The increase in attendance demonstrates the continued interest in the work of the committee – certainly a good sign.

The meeting included Chairman’s Report from Eric Curtit which looked back at the first 7 years of the NGEC; its evolution to what it is today; and a look ahead at the future. There were also presentations from the Standing Committees of the NGEC: The Technical subcommittee, (Chairman Mario Bergeron) the Finance and Administrative subcommittee (Chairman and NGEC Treasurer Darrell Smith -who also gave the NGEC Treasurer’s Report), and the 514 (Capital Equipment) subcommittee Chaired by Brian Beeler II of NNEPRA/Maine DOT. The attendees also heard from the Mid-West States (Tim Hoeffner, Michigan DOT) on its Section 6 activities in relation to the Locomotive Procurement; and from Illinois DOT (John Oimoen) and Siemens (Dave Ward) who provided an update on the new Charger

Locomotive. Additionally, there were presentations provided by Jeff Gordon on the AAR Committee activities; Paul Jamieson on the ECP efforts; Dale Engelhardt on "The Future of Electronics on Trains" and updates from the FRA's Michael Lestingi and Amtrak Government Affairs, Robert Ripperger.

All presentations have been distributed (as have the DRAFT meeting minutes) to all NGEC members. The presentations are also available on the NGEC website at www.ngec305.org.

All in all, it was a busy day with, a lot of information shared and discussed.

Some actions/decisions from the Annual Meeting:

The Chairman announced his plans to establish a "lessons Learned Task Force" to look at the challenges and lessons learned throughout the procurement process. The task force will formally be established on the next Executive Board call. Volunteers interested in participating on the task force should send an email to Steve Hewitt and Eric Curtit. To this point, Illinois and Washington have agreed to join the task force as has FRA and Amtrak – others, including industry members are welcome to join as well.

Dale Engelhardt, in presenting his thoughts on "The Future of Electronics on Trains" recommended that this was an area that should be further explored. It was agreed that this is an item for further discussion by the Technical subcommittee. Dale was not available today to provide a summary presentation and kick off the discussion about potential next steps, but this will likely be on the next Technical subcommittee agenda.

Also at the Annual Meeting, Steve Hewitt requested that all industry members look at the industry list and send any changes that they are aware of to Steve so that the list can be updated and accurately reflect the industry participation. The list is only as good as the information provided and, often, members retire or change companies, and if not made aware, the change to the information on the list is not made.

6.

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 tested on the Northeast Corridor and now is in Chicago.*
- *As of now, successful 500-mile conditional acceptance tests have been completed on IDOT units: 4601, 4602, 4603, 4604, 4605, 4606, 4607 4608, 4609, 4610 & 4611.*
- *All locomotives will next ship to Chicago, pending IDOT and Amtrak schedule agreement.*
- *All Maintenance Demonstrations have been successfully completed.*
- *IDOT and Amtrak now have signed agreements for storage, testing and commissioning the locomotives.*
- *Amtrak/JPE insurance issues are progressing for resolution.*
- *IDOT Locomotive 4611 has been successfully completed at WSDOT for 238.111(b) testing and 213.345 testing on the Cascades route. Other JPEs are working with Amtrak for 238.111(a) test plans.*
- *Wi-Tronix application, as required by Amtrak is being applied by FMI. Siemens progress looks good so far.*
- *LED Headlight issues have been resolved with UP and JPEs, Amtrak and Siemens will keep in contact with AAR technical group for future review.*
- *All Document Change Requests (DCR) have been processed. Rich Stegner and Tammy Krause have closed the loop.*
- *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.*
- *IDOT and its' Fleet Manager Contractor now have a signed agreement in place for on-going support.*

7.

Document Control Update –Tammy Krause, Amtrak:

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

I have received all the approved DCRs from Richard Stegner. I am putting them in a table and will be sending them to Steve to be distributed to the entire Technical Subcommittee.

Steve Hewitt asked about the timeframe for taking a vote at the subcommittee level.

After some discussion, it was agreed that Tammy will provide the table to Steve Hewitt for distribution to the

subcommittee members by early next week (week of 3-13-17). On the subcommittee call of 3-23-17, Rich Stegner will lead the review and discussion of the table of changes. Rich is the Chair of the Working group that has approved the changes up to this point, through the nGEC process. Rich's working group team leaders have also been involved and approved the changes per the NGEC procedures.

On 4-6-17, if there is no further discussion on the changes, the subcommittee voting members will consider the changes for approval. If approved the table is transmitted to the NGEC Chair who will convene the Locomotive Review Panel and ask for a review, report and recommendations.

8.

Accessibility Update – Melissa Shurland, FRA:

Melissa Shurland, FRA, agreed to give the Accessibility presentation, (originally prepared for the Annual Meeting) on the Technical subcommittee call of 4-6-17. She will also provide a status update on comments received to the Accessibility report. Melissa asks that comments on the report be sent to her and Steve Hewitt in advance of the 4-6-17 call.

9.

Other Issues:

Jack Madden provided the following comments and asked that they be included in the minutes of today's call:

2017 Empire State Passengers Association Annual Meeting

I want to thank Tammy Krause who travelled to Schenectady and provided her presentation given at TRB to the Annual Meeting of the Empire State Passengers Association on Saturday, March 4th. ESPA is the passenger advocacy organization in New York State and is an affiliate of NARP, the National Association of Railroad Passengers. Tammy was one of several presenters and her presentation on NGEC and the specification development process was well received by the members. Other presenters included Kevin Chittenden, Amtrak Deputy General Manager, Empire Service who spoke to the service and on time performance in Empire Service and Ed Courtemanch, Amtrak Director of Operations Service Planning who spoke to the progress on Customs Pre-Clearance in Montreal's Central Station. Steve Hewitt provided me with 25 copies of the NGEC one-pager for the members of ESPA to take and there were only two copies left after the meeting. I also want to thank Dale Englehardt for approving Tammy Krause to travel to Schenectady and making the presentation.

Jack M

Adjourn:

With no further issues to come before the subcommittee today, Dale Engelhardt adjourned this conference call meeting at 3:32PM Eastern.

Next Call: March 23, 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.

Today, 3-9-17, Paul provided the following update for inclusion in the minutes:

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Locomotive 670 had an unrelated fault which resulted in the four-coach car operating in emulation only for an accumulated mileage of 4,590 miles. Therefore, the accumulated emulation mileage is 1,567,723.

To date, there has been no failures of the ECP brake equipment.

AWG Update: Melissa Shurland prepared an update for the NGEN Annual Meeting, but was unable to attend. The presentation has been distributed to all Tech SC members and posted to the website. It was also distributed with the materials for this call.

Melissa will present the Annual Meeting Presentation to the subcommittee on 4-6-17. She will also provide an update on the Accessibility report and comments submitted.

Requesting Background 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. Everyone attending the Annual Meeting received a copy in their meeting packet. To date over 300 have been distributed and a second printing has taken place.

Maintaining Industry Participation List: This remains an ongoing action item. There are currently around **260** registered industry participants. Steve Hewitt requests that industry members review the industry contact list and provided him with any changes they are aware of.

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

Next Update: Annual Meeting – 3-23-17

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 6. (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.

Document Control Update: Tammy Krause reported on 3-9-17 that she has received all the approved DCRs from Richard Stegner. She is putting them in a table and will be sending them to Steve to be distributed to the entire Technical Subcommittee.

On 3-9-17 it was agreed that Tammy will provide the table to Steve Hewitt for distribution to the subcommittee members by early next week (week of 3-13-17). On the subcommittee call of 3-23-17, Rich Stegner will lead the review and discussion of the table of changes. Rich is the Chair of the Propulsion Technical Working Group that has approved the changes up to this point. Rich's working group team leaders have also been involved and approved the changes per the NGEN procedures.

On 4-6-17, the intent is to consider the changes for approval by the Technical subcommittee voting members. If approved, the table of DCRs will be transmitted to the NGEN Chair, Eric Curtit, who will re-convene the NGEN's Locomotive Review Panel and ask for a review, report and recommendations. Larry Salci, as consultant to the NGEN Review Panels will be asked to review the changes and develop the report with recommendations for the Review Panel approval and then on to the Executive Board for its consideration.

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.

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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As soon as I hear back from Craig at EMD/Progress Rail, I will let Steve know.

Future of Electronics on Trains: On 3-23-17, Dale Engelhardt will reprise the presentation he gave at the Annual Meeting and a follow-up discussion will take place.

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

March 9, 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 2-9-17 | Mario Bergeron |
| 5. Overview/Summary NGEC 7 th Annual Meeting – 2-24-17 | Mario Bergeron/Steve Hewitt |
| 6. Update: Diesel-Electric Locomotive Procurement | Jennifer Bastian |
| 7. Document Control Update | Tammy Krause |
| 8. Accessibility Update | Melissa Shurland |
| 9. Other Issues | All |
| 10. Review this meeting: | Steve Hewitt |
| a) Decisions | |
| b) New Action Items | |

***Technical Sub Committee Conference Call Meeting:
Thursday 3-9-17 / 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 –3-23-17 at 3:00pm Eastern