

SECTION 305 TECH SUB COMM

MINUTES

NOVEMBER 14,
2019

3:00PM EASTERN

CONFERENCE CALL

FACILITATOR	Charlie King, Chair, NGENC Technical Subcommittee
ATTENDEES	Core Team Members: Charlie King, Jeff Gordon, Allan Paul, Momo Tamaoki, Art Peterson for Jennifer Bastian, Ray Hessinger, Charlie Poltenson, Marci Petterson, Phil Meraz, Eric Curtit, Jason Biggs, Michael Burshstin, Duncan Copland, Mike Kraft, Curtis McDowell, Mike Murray, Larry Salci, Tammy Krause, Dave "Emeritus" Warner, Steve Hewitt Industry Members: Richard Stegner, Josh Coran, Jack Madden, Joe Kenas, Mario Bergeron, Dick Bruss, Adam Saplin, Ed Golitko, James Michel,
ABSENTEES	George Hull, Phil Meraz, Mike Jenkins, Melissa Shurland, Tarek Omar, Brian Marquis, Byron Comati

DISCUSSION/DECISIONS MADE

1.

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

After calling the roll, Steve Hewitt 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 Action Items that are not on the agenda – Steve Hewitt:

Status of action items that were not to be specifically covered on the agenda:

Maintaining Industry Participation List: Currently, there are 210 registered industry participants.

Requesting Backgrounder educational document:

The educational (two-pager) document was released at the Annual Meeting on 2-22-19 and is available in hard copy or electronically. To date, (11-14-19) 265 hard copies and 393 electronic copies have been distributed.

Steve reported that the two-pager is being revised to include the specification updates that have occurred this past year. The new document will be ready for distribution at the Annual Meeting in February.

Contact Steve Hewitt at shewitt109@aol.com. If hard copy, let Steve know where to send them and how many.

Updating ECP Standards: This ongoing item is being tracked by the Technical subcommittee with status updates provided as activities occur.

ECP Project as of 7-11-19:

The test committee met on May 29, 2019, with some minor edits requested to the final FRA report. The report will be submitted by APTA under docket no. FRA-2015-0078. The report will be made available to the NGENC after APTA submittal. The revenue service demonstration resulted in 1,039,740 ECP fleet miles and 2,126,747 Emulation (BP operation) fleet miles. The total mileage for ECP and emulation was 3,166,541 fleet miles. A total of five incidents were reported the revenue service demonstration. Two incidents were related to electronic hardware, there were no software incidents and three incidents related to training which occurred early in the ECP revenue service demonstration. The hardware incidents have been properly investigated and resolved. The APTA PRESS standards for the emulation 26C configuration and ECP configuration were approved and will be available on the APTA standard website. The equipment provided by New York Air Brake (Knorr) and Wabtec were approved under this project. Draft regulatory language has been prepared and provided to the FRA.

Amtrak will continue the revenue service demonstration.

In addition to developing the Passenger ECP system, an electronic valve replacement for the 26C service portion was developed.

The test committee and APTA PRESS Mechanical technical working group appreciates the support provided by the NGENC. This

project would not have been possible without the dedication of Amtrak, APTA, NYAB and Wabtec personnel, and the support of FRA observers.

Please advise if you have any questions.

On 7-11-19, Paul Jamieson reported that all reviews are done, and the report is in the hands of APTA to package the report. Paul has requested that APTA let him know the anticipated date of completion. Once the report is made available, Paul will provide it to Steve Hewitt for distribution to the NGEC members.

Nothing new to report on 11-14-19.

Metro-North Dual Mode Locomotive Procurement:

On 10-31-19, Ray Hessinger, NYSDOT, reported that Metro-North continues to work with vendors on the dual mode locomotive procurement.

Next Update: 12-12-19

Electronics on Trains Working Group:

On 10-31-19, David Brabb provided the following update for inclusion in today's minutes. They were read into the record by Steve Hewitt:

We in the Electronics working group had a call on Tuesday, October 29th. We at Sharma are using the group's feedback and our recommendations to develop a Revision A to the PRIIA 305-919 hardware spec. We are also going to complete a first draft of a spec for WIDTL in the next month or so. We will then submit these docs to our subcommittee for review and comment and work with the subcommittee to get these two documents completed within the next few months, so that we can get something out there for industry use.

Next update: 12-12-19

University of Nebraska High-Speed Wireless Study:

Hamid Sharif-Kashani was unavailable today (10-31-19) but provided the following brief update which Steve Hewitt read into the meeting record:

We are making a good progress in our testing of high-speed wireless system and I hope to have full details for the next meeting

Next Update: 12-12-19

AAR TAG Committee on LED Headlights – Phase 3:

On 10-31-19, on behalf of Dr. Tarek Omar, FRA – Eric Sherrock, Ensco, provided the following update – (read into the record by Steve Hewitt):

The test plan has been developed in cooperation with FRA and the AAR Locomotive Committee LED Standard Development TAG. Phase III testing, which will focus on the performance of selected light fixtures on moving locomotives, will be started during the week of November 11 at the Transportation Technology Center. We will offer additional updates as information is available.

If you need any additional information, please contact Sean Woods (woods.sean@ensco.com).

Next Update: 12-12-19

4. Approval of the Minutes from 10-31-19 – Charlie King, Amtrak:

On a motion offered by Charlie Poltenson, NYSDOT, and seconded by Art Peterson for IDOT, the minutes from 10-31-19 were approved as presented.

5. Update: Multi-State Railcar Procurement as of 11-14-19 - Momo Tamaoki, Caltrans:

Momo Tamaoki, Caltrans, provided the following update for inclusion in the minutes (11-14-19):

- *FDR for the standard coach is complete. Cab Car PDR action items are closed, and the FDR has been approved by Caltrans.*
- *The Complete Coach FAI is taking place this Wednesday and Thursday in Sacramento. Various tests continue at TTCI with cars 1 and 2 and the instrumented wheelset has been validated for the upcoming NEC testing. Car #3 has arrived in Ottawa for climate room testing.*
- *The first 35 carshells are in production at Siemens Sacramento Facility. Carshell #4 is fully assembled and ready for First Car FAI. The remaining carshells are in various stages of component installation, welding, integration, painting or storage.*
- *Most system-level FAIs for standard coach are complete. Cab Car Structure IDR documents have been submitted and are in review. The IDR meeting for the carshell is scheduled for December 11.*

6.

Update: Amtrak Equipment Procurement as of 11-14-19 – Charlie King, Amtrak:

On the Acela replacement:

This procurement is on track. Today (11-14-19) the Amtrak Board of Directors were briefed on the progress.

The first trainset is together.

Tilt testing was conducted on the cars and passed.

On the Trainsets:

Bids have been received and are in the process of being scored by the Tier 1 and Tier 2 teams.

On the Maintenance of Way Yard Locomotive Replacements:

4 axle re-bids are due this month.

7.

Document Control Update – Tammy Krause, NGEC DCM:

Tammy Krause provided the following update for inclusion in the minutes (11-14-19):

I have been working with the technical writer on compiling the Trainset Revision B specification. It was approved by the Executive Board Tuesday 10-22-2019.

8.

Preparing for the 10th NGEC Annual Meeting – February 2020 – Steve Hewitt, NGEC Program Manager:

Steve Hewitt confirmed that the NGEC's 10th Annual Meeting will take place at the Hyatt Regency, Capitol Hill in Washington, DC. (the same hotel where it was last year and most years) on Friday, 2-21-20.

The meeting will begin with registration at 8:00am and will conclude by 1:00pm. A formal announcement was sent out by Steve Hewitt, along with the hotel room block information, on 11-6-19.

All members intending to attend the meeting should register with Steve Hewitt by sending an email confirming attendance. There is no registration fee for the NGEC meeting.

A draft meeting agenda has been developed and is under review by the NGEC Executive Board. Once approved as DRAFT, Steve will send it out to all NGEC members as information and to use in obtaining travel approvals.

Hotel room block information:

The hotel is the Hyatt Regency Capitol Hill Washington, DC. The link for reserving a room is below:

<https://www.hyatt.com/en-US/group-booking/WASRW/G-APT5>

The rate is \$149 per night. Currently this is for double bedded rooms only; anyone wanting a King will need to contact the hotel

directly to see if this is a possibility. However, additional cost may be incurred.

9.

Preparing for the TRB Session – “The NGEC – 10 Years of Progress” January 14, 2020 – Charlie King/Steve Hewitt:

Charlie King noted that Tammy Krause has offered to help him in developing the presentation for the TRB meeting. He asked, also, for any of the states or FRA members to provide any topic suggestions or bullet points they would like included in the presentation to Charlie King and Steve Hewitt as soon as possible.

The panel of NGEC presenters and the topics they will cover has been confirmed and provided to TRB:

Eric Curtit, Chair - NGEC Executive Board - Presentation Title: “NGEC Goals and Policies”

Charlie King, Vice Chair - NGEC Executive Board – Chair - NGEC Technical subcommittee - Presentation Title: “NGEC Technical Subcommittee and Specification Development”

John Oimoen, Deputy Director of Railroads, Illinois DOT - Presentation Title: “The States’ Role”

Jeffrey Gordon, Federal Railroad Administration - Presentation Title: “The Federal Role”

Larry Salci, *SalciConsult* - Presentation Title: “The Industry Role”

Steve Hewitt - NGEC Program Manager – will attend as support for the panel.

10.

Other Issues:

With no further business forthcoming for today’s call, Charlie King adjourned the meeting at 3:16PM Eastern.

Next Call: 12-12-2019– 3:00pm Eastern

Decisions and Action Items

Updating ECP Standards This is an ongoing item which the Technical subcommittee is tracking:

“ECP Project:

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Next update 12-12-19

PRIIA Multi-State Procurement Update:

Multi-State Car Procurement - Caltrans (Lead State): Progress reports from the lead state will be provided on each subcommittee call.

See agenda item 5 for 11-14-19 update

Document Control Update as of 11-14-19:

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Next update: 12-12-19

DEF-UREA Update:

On 11-15-18, Art Peterson provided the following brief update on DEF-UREA implementation:

The DEF update is very straight-forward – there have been no issues in the supply of DEF at any of the locations on the Midwest "Hub" network. It is all working very smoothly.

Next update – as appropriate.

University of Nebraska High Speed wireless study:

Good progress is being made in the testing of the high-speed wireless system. More details will be provided on the next update.

For further details please contact Hamid Sharif-Kashani via email at: hamidsharif@unl.edu

Next Update – 12-12-19

Metro North Dual Mode Locomotive Procurement:

Metro-North continues to work with vendors on the procurement effort.

Next update – 12-12-19

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Next call: 12-12-19

Call in number is:

888 585-9008 access #: 559-120-127

ATTACHMENTS



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

PRIIA Section 305 Tech Sub Committee Meeting

November 14, 2019

The agenda for the meeting is below:

- | | |
|---|---------------|
| 1. Roll Call | Steve Hewitt |
| 2. Review Meeting Agenda | Charlie King |
| 3. Review Action Items | Steve Hewitt |
| 4. Approve Minutes from 10-31-19 | Charlie King |
| 5. Update: Multi-State Rail Car Procurement | Momo Tamaoki |
| 6. Update: Amtrak Equipment Procurement | Charlie King |
| 7. Update: Document Control Management | Tammy Krause |
| 8. Preparing for the 10 th NGEC Annual Meeting February 2020 | Steve Hewitt |
| 9. Preparing for TRB Lectern Session – January 14, 2020 Washington, DC | Charlie/Steve |
| 10. Other issues | All |
| 11. Review this meeting: | Steve Hewitt |
| a) Decisions | |
| b) New Action Items | |

Technical Sub Committee Conference Call Meeting:
Thursday 11-14-19 / 3:00pm Eastern / 1-888 585-9008 / passcode 559-120-127#
Please call in a few minutes early so all is in attendance for Roll Call.
Thank you
Next Call –12-12-19 at 3:00pm Eastern