

SECTION 305 TECH SUB COMM

MINUTES

DECEMBER 12,
2019

3:00PM EASTERN

CONFERENCE CALL

FACILITATOR	<i>Charlie King, Chair, NGENC Technical Subcommittee</i>
ATTENDEES	Core Team Members: <i>Charlie King, Jeff Gordon, Allan Paul, Art Peterson for Jennifer Bastian, Ray Hessinger, Phil Meraz, Mike Jenkins,, Michael Burshtin, Mike Kraft, Curtis McDowell, Dave "Emeritus" Warner, Steve Hewitt</i> Industry Members: <i>Josh Coran, Jack Madden, Adam Saplin, Ed Golitko, Richard Curtis, Steve Morrison, Kevin Myles, Paul Jamieson</i>
ABSENTEES	<i>George Hull, Eric Curtit, Momo Tamaoki, Charlie Poltenson, Marci Petterson, Jason Biggs, Melissa Shurland, Mike Murray, Tarek Omar, Brian Marquis, Byron Comati, John Bell, Tammy Krause, David Brabb, Hamid Sharif-Kashani, Larry Salci</i>

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 Background 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, (12-12-19) 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 NGEC. 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 12-12-19.

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: 12-26-19

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: as appropriate

4. Approval of the Minutes from 11-14-19 – Charlie King, Amtrak:

On a motion offered by Art Peterson, IDOT, and seconded by Allan Paul, NCDOT, the minutes from 11-14-19 were approved as presented.

5. Update: Multi-State Railcar Procurement as of 12-12-19 - Momo Tamaoki, Caltrans:

Momo Tamaoki, Caltrans, provided the following update to the Executive Board on 12-3-19. In her absence on today's call (12-12-19), Steve Hewitt read the update from 12-3-19 into the record:

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 occurred on November 13-14 in Sacramento. The action items have been recorded and the FAI findings are being worked through. Testing continues at TTCI with cars 1 and 2 with Slide Testing next on the agenda. Car #3 has begun climate room testing in Ottawa. Caltrans and IDOT are witnessing tests in both locations.

40 carshells are in production at Siemens Sacramento Facility. Carshell #4 is the FAI car and undergoing work to address the FAI findings. 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. Amtrak is planning a visit to Sacramento to view the FAI car on December 12.

6. Update: Amtrak Equipment Procurement as of 12-12-19 – Charlie King, Amtrak:

On the Acela replacement:

Prototype one is on the test track and in January will be going to TTCI – all is going well so far.

Prototype two is being put together and will be tested in March in Philadelphia.

On the Trainsets:

Proposals are in and are being reviewed.

On the Maintenance of Way Yard Locomotive Replacements:

Proposals are being reviewed.

On the Locomotives:

Amtrak was at Siemens on 12-11-19 and all is going well and on time.

**7.
Document Control Update – Tammy Krause, NGEN DCM:**

Tammy Krause was not available – this item was tabled.

**8.
Electronics on Trains Working Group Update – David Brabb:**

David Brabb was unavailable for today's call (12-12-19) but provided the following update for inclusion in today's minutes:

We had our web-conference on Tuesday, December 10th, and our next call is scheduled for January 7th. We revisited and revised the PRIIA 305-919 DTL Hardware Specification. It is currently in an upper level review. Once that review is completed, and all comments are received, we will edit where needed and then send it out to the full subcommittee for review and comment.

**9.
Update: High Speed Wireless Study – Hamid Sharif-Kashani:**

Hamid was unavailable so this item was tabled.

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

Steve Hewitt confirmed that the NGEN'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 NGEN meeting.

A draft meeting agenda has been developed and is under review by the NGEN Executive Board. Once approved as DRAFT, Steve will send it out to all NGEN 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.

**11.
Other Issues:**

Allan Paul, NCDOT, and an original member of the NGEN Technical subcommittee, announced that this was his last meeting

with the subcommittee as he is retiring from NCDOT this month. Allan has been a great asset to the NGEC and will be greatly missed.

Congratulations Allan!

Due to the Christmas Holiday, it was determined that the 12-26-19 call of the subcommittee will be CANCELLED. Steve Hewitt will send Outlook cancellation notices out.

With no further business forthcoming for today's call, Charlie King adjourned the meeting at 3:18PM Eastern.

Next Call: 1-9-2020– 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 as appropriate

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 12-3-19 update.

Document Control Update as of 11-14-19:

Tammy Krause has been working with the technical writer on compiling the Trainset Revision B specification. It was approved by the Executive Board on 10-22-19.

No update provided on 12-12-19.

Electronics on Trains Working Group:

David Brabb was unavailable for today's call (12-12-19) but provided the following update for inclusion in today's minutes:

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Next update: 1-23-20

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 – 1-9-20

Metro North Dual Mode Locomotive Procurement:

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

Next update – 1-9-20

Amtrak Equipment Procurement as of 12-12-19:

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Preparing for the TRB Session – “The NGEN – 10 Years of Progress” January 14, 2020:

A panel of NGEN presenters and the topics they will cover has been confirmed:

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

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

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

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

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

Next call: 1-9-20

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

December 12, 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 11-14-19 | 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. Update: Electronics on Trains Working Group | David Brabb |
| 9. Update: High Speed Wireless Study | Hamid Sharif-Kashani |
| 10. Preparing for the 10 th NGEC Annual Meeting February 2020 | Steve Hewitt |
| 11. Other issues | All |
| 12. Review this meeting: | Steve Hewitt |
| a) Decisions | |
| b) New Action Items | |

***Technical Sub Committee Conference Call Meeting:
Thursday 12-12-19 / 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 -1-9-20 at 3:00pm Eastern***