

SECTION 305 TECH SUB COMM

MINUTES

MARCH 19, 2020 3:00PM EASTERN

CONFERENCE CALL

FACILITATOR	<i>Charlie King, Chair, NGENC Technical Subcommittee</i>
ATTENDEES	Core Team Members: <i>Charlie King, George Hull, Jeffrey Gordon, Momo Tamaoki, Curtis McDowell for Matthew Simmons, Ray Hessinger, Marci Petterson, Jennifer Bastian, Phil Meraz, Troy Hughes, Jason Biggs, Mike Jenkins, Charlie Poltenson, Steve Hewitt, Art Peterson, Michael Burshtin, Duncan Copland, Michael Kraft, Tarek Omar, Mike Murray, Larry Salci, Oscar Bermudez</i> Industry Members: <i>Larry Bertolini, Richard Curtis, Richard Stegner, Rich Bowie, Jack Madden, Bill Saddler, Kevin Myles, Steve Ojalvo, James michel, Paul Arnone, Ed Golitko, Joe Kenas, Dick Bruss</i>
ABSENTEES	

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 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 Meeting Agenda – Charlie King, Amtrak:

Chairman King provided a brief overview of today's meeting agenda and noted that he appreciated the participation of the subcommittee members who have called in during these very difficult times.

3.

Review Action Items – Steve Hewitt, NGENC Program Manager:

Requesting Backgrounder educational document:

As reported previously, the two-pager has been updated and is available in hard copy and/or pdf versions. To date over 150 hard copies and 250 electronic copies have been distributed.

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

Maintaining Industry Participation List: Status: There are approximately 200 industry participation members.

Steve Hewitt noted that he planned on sending the current industry list along with the minutes from this call and asked that members review the list and send him any corrections – additions/deletions/changes that they are aware of. The list is only as good as the information Steve is provided, and often members retire or move on to other companies and do not let Steve know so the list becomes inaccurate.

AAR TAG Committee on LED Headlights Phase 3:

On 3-5-20 Tarek Omar reported that they are still finalizing phase 4 and would keep the subcommittee apprised as it progresses.

Next update as appropriate

Electronics on Trains Working Group activities as of 3-5-20:

David Brabb was not available for the call today (3-5-20) but provided the following update for inclusion in the minutes. Steve Hewitt read them into the record:

We had a web-conference this past Tuesday, March 3rd. Our next web-conference is planned for Tuesday, March 24th.

Due to our latest rounds of comments on the PRIIA 305-919 DTL hardware Revision 2020A, we have decided that we must get confirmation on the intended topology of the DTL system. We are asking our group to help us determine between a "ring" type and a "linear" (for a lack of a better term) type of system topology. We are also reaching out to some folks outside the Electronics subcommittee for comments as well. Once that decision is made, we will specify jumpers and any peripherals and include in 919. Finally, we will insert a WiDTL section, that has gone through preliminary review, into 919 and send that Revision 2020B out to the group for final review. The WiDTL section specifies redundancy for back office and passenger entertainment purposes only, not any operational communications or controls, due to safety and security risks.

Next update: as appropriate

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:

On 3-5-20, Hamid Sharif-Kashani reported that they have completed the field testing and have concluded that most results matched their lab and simulations. There is "tons of data" and Hamid would be happy to share the link to the data with the NGEC members and would welcome input /feedback.

Steve Hewitt suggested that Hamid provide him with the link, and he will send it out to all NGEC members.

Next update – as appropriate.

4. Approval of the Minutes from 3-5-20 – Charlie King, Amtrak:

On a motion offered by Jennifer Bastian, IDOT, and seconded by Phil Meraz, Iowa DOT, the minutes from the last call (3-5-20) were approved as presented.

4. Update: Multi-State Railcar Procurement as of 3-19-20 - Momo Tamaoki, Caltrans:

Momo Tamaoki, Caltrans, provided the following update on 3-19-20:

FDR for the standard coach is complete. Cab Car structure FDR took place on February 27 and updated documents are in review. IDOT galley FDR reviews and releases are ongoing.

The Complete Coach FAI occurred on November 13-14 in Sacramento and open items are near closure. Vehicle track Interaction testing per FRA 213.345 is scheduled to begin end of March pending car arrival at the NEC. CEM crush box testing for the Caltrans Cab Car and other non-domestic testing has been postponed due to travel restrictions. TTCI testing is complete, including Amtrak PTC and brake performance tests. Two of the four cars at TTCI are scheduled to return to Sacramento this week and the remaining two will ship to Stockton.

49 cars total are in production or have been produced at Siemens Sacramento Facility. System-level FAIs for standard coach are nearly complete with remaining action items under final review, including open items for the complete car. Two Caltrans cars have arrived at the ACE facility in Stockton.

The project teams are monitoring potential production and schedule impacts due to the coronavirus and are receiving daily updates from SCOA and Siemens.

Charlie King added that Amtrak is ready and waiting to accept the car for NEC testing when travel restrictions are eased up.

Jennifer Bastian, IDOT, mentioned that they got approval to get across the border today. It is hopeful that by the 30th (March) testing should begin.

5. Update: Metro-North Equipment Procurement – Ray Hessinger, NYSDOT:

Ray Hessinger reported that Metro-North continues to evaluate RFP responses it has received.

**6.
Update: Amtrak Equipment Procurement – Charlie King, Amtrak:**

On the Acela: Trainset 2 left Hormel to go to Philadelphia yesterday (3-18-20) to begin its testing. Trainset 1 is at TTCI and should start laps soon.

On the Charger Locomotives: "We" are watching the ability of the Sacramento facility to remain open and keep on schedule. Amtrak continues to monitor the situation.

On the Single Level Trainset: Amtrak continues its review.

In general, there is a flux in the procurements due to the coronavirus crisis and the uncertainty surrounding the situation.

Charlie noted he will keep subcommittee apprised.

He added that the "last state Charger" left TTCI this week.

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

Tammy Krause was not on today's call (3-19-20). This item was tabled until the next call 4-2-20.

**8.
Establish process and timeline for Tech SC review of Access Board NPRM Accessibility Guidelines and compare with current NGEC Specifications – Charlie King:**

Charlie King reported that the intent of this effort is for states to submit their comments to the Access Board Docket on the Accessibility Requirement Guidelines (advanced) Notice of Proposed Rulemaking. Amtrak has submitted its comments already. Once the comments "have come back", the Technical subcommittee will compare them with the NGEC specifications to ensure compliance.

Comments are due to the Docket by 5-10-20.

Steve Hewitt reiterated to the subcommittee members that the NGEC, as an organization, will not be submitting comments, but does encourage individual members to do so. With FRA as an NGEC Executive Board member and Technical subcommittee member, it would present a conflict to submit comments from the NGEC as an entity.

Dick Bruss (industry member) commented that APTA is submitting comments and that those with individual responses can contact Narayan Sundaram, APTA.

**9.
Other Issues:**

Jack Madden reported that the New England Rail Club Conference that was planned for this month (March) was canceled due to the Coronavirus situation. Jack had volunteered to provide a condensed version of the NGEC presentations (the NGEC – 10 Years of Growth) given by States, FRA, Amtrak and the industry during the TRB Annual Meeting in Washington DC in January 2020.

Steve Hewitt thanked Jack for his willingness to represent the NGEC and for the work he did in developing a condensed/combined presentation in preparation for the conference.

With no further business forthcoming for today's call, Charlie King adjourned the meeting at 3:21PM Eastern.

Next Call: 4-2-20– 3:00pm Eastern

Decisions and Action Items

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

"ECP Project:

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 NGECC after APTA submittal. The revenue service demonstration resulted in 1,039,74 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 NGECC. This project would not have been possible without the dedication of Amtrak, APTA, NYAB and Wabtec personnel, and the support of FRA observers. "

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 NGECC members.

Nothing new to report on 3-19-20

Requesting Background educational document:

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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 3-19-20 update.

Document Control Update as of 3-19-20:

This item was tabled due to the absence of the Document Control Manager.

Next update: 4-2-20

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Next update – as appropriate.

Metro North Dual Mode Locomotive Procurement:

Metro-North continues to evaluate RFP responses it has received.

Next update – 4-16-20

Amtrak Equipment Procurement as of 3-19-20:

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Next update: 4-16-20

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Next call: 4-2-20

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

March 19, 2020

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 3-5-20 | Charlie King |
| 5. Update: Multi-State Rail Car Procurement | Momo Tamaoki |
| 6. Update: Metro-North Equipment Procurement | Ray Hessinger |
| 7. Update: Amtrak Equipment Procurement | Charlie King |
| 8. Update: Document Control Management | Tammy Krause |
| 9. Establish process and timeline for Tech SC review of Access Board NPRM Accessibility Guidelines and compare with current NGEC Specifications. | Charlie King |
| 10. Other issues | All |
| 11. Review this meeting: | Steve Hewitt |
| a) Decisions | |
| b) New Action Items | |

***Technical Sub Committee Conference Call Meeting:
Thursday 3-19-20 / 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 -4-2-20 at 3:00pm Eastern