

# SECTION 305 TECH SUB COMM

MINUTES

AUGUST 8, 2019 3:00PM EASTERN

CONFERENCE CALL

<b>FACILITATOR</b>	<i>Charlie King, Chair, NGENC Technical Subcommittee</i>
<b>ATTENDEES</b>	<b>Core Team Members:</b> <i>Charlie King, Jeff Gordon, Momo Tamaoki, Allan Paul, Jennifer Bastian, Jeff Schultz for Marci Petterson, Eric Curtit, Mike Jenkins, Michael Burshtin, Mike Kraft, Art Peterson, Tammy Krause, Tarek Omar, Mike Murray, Steve Hewitt, Industry Members:</i> <i>Richard Curtis, Paul Jamieson, Rich Stegner, Ed Golitko, Craig McKeen, Steve Ojalvo, Kevin Myles, John Graham, Dick Bruss, Donald Sandala, James Michel</i>
<b>ABSENTEES</b>	<i>George Hull, Marci Petterson, Charlie Poltenson, Phil Meraz, Jason Biggs, Ray Hessinger, Byron Comati, Duncan Copland, John Bell, Brian Marquis, Melissa Shurland, 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](mailto: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 208 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, (8-8-19) 265 hard copies and 353 electronic copies have been distributed.

Contact Steve Hewitt at [shewitt109@aol.com](mailto: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.

Paul Jamieson was not available for this call (5-30-19) but provided the following update which Steve Hewitt read into the record:

#### **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 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 for today – 8-8-19

**Status: Electronics on Trains Working Group:**

David Brabb informed Steve Hewitt that the call scheduled for 8-6-19 was canceled due to a schedule conflict. The working group will meet on 8-20-19 and will discuss suggested changes to 305-919.

**Next update: 8-22-19**

**Update as of 7-25-19: Metro-North Dual Mode Locomotive Procurement:**

Metro-North continues to evaluate the vendor proposals received is going through that process.

**Next Update: 8-22-19**

**Update as of 7-25-19: Amtrak Equipment Procurements:**

On the Locomotive Procurement:

The procurement is on track – in fact it may be a bit accelerated. Still anticipating a 2021 delivery – with early summer of 2021 for the first Locomotive delivery.

On the Trainset procurement:

As noted on a previous call, the date for OEM bids has been extended until November 20, 2019 with selection anticipated to occur in February 2020.

**Next Update 8-22-19**

**Update as of 7-25-19: University of Nebraska High Speed Wireless Study – Field Testing:**

The computer simulation model and performance evaluation has been completed and some lab testing has been conducted.

They are in the process of preparing for field testing. They are assembling their own test equipment. They have acquired the equipment and will evaluate it before taking it out for field testing.

On the next update Hamid Sharif-Kashani will inform the subcommittee on how the testing is going.

**Next Update: 8-22-19**

**4.**

**Approval of the Minutes from 6-27-19, 7-11-19 and 7-25-19 – Charlie King, Amtrak:**

On a motion offered by Allan Paul, NCDOT, and seconded by Eric Curtit, MODOT, the minutes from 6-27, 7-11 and 7-25-19 were approved as presented.

**5.**

**Update: Multi-State Railcar Procurement as of 8-8-19 Momo Tamaoki, Caltrans:**

Momo Tamaoki, Caltrans, provided the following update for inclusion in these minutes (8-8-19):

*All FDR System Level and related submittal approvals for the standard coach are at a Conditional Approval level or greater.*

*The Updated IDOT Galley PDR has been approved and the galley mock-up review is scheduled for October 2019. The IDOT Café Car*

IDR is scheduled for the week of September 2 in Sacramento. Action items for the Cab Car PDRs are in work and the Cab Car Brake System IDR is tentatively scheduled for 1<sup>st</sup> half of September.

The first 29 carshells are in production at Siemens Sacramento Facility. Carshell #1 has been released to static testing. Production continues on Carshell #2 with work on wiring, ducting and ceiling supports for panel installation. Interior work continues on Carshell #3 with wiring, toilet module and ceiling supports. The remaining carshells are in various stages of component installation, welding, integration, painting or storage.

The FAI process continues and most system-level FAIs are complete. Recent FAIs include the Trap Door and Vestibule Lining. The End Door FAI is scheduled for the last week of August. The complete coach FAI is tentatively scheduled for September 17<sup>th</sup>. The FRA Sample Car Inspection will be scheduled once FAI dates are finalized.

Charlie King commented that Amtrak will coordinate the testing at TTCI and that a letter from Amtrak to Caltrans will be going out tomorrow (8-9-19) to confirm arrangements.

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

Tammy Krause provided the following update for inclusion in today's (8-8-19) minutes:

Tammy Krause reviewed the summary of changes and noted that all of the changes have been accepted into other PRIIA specifications, and this exercise is meant to now bring those changes into the Single Level Trainset specification to bring it in line with the other specs. (it is currently in Revision A). In reviewing the summary of changes, Tammy pointed out that those without rationale were ones approved as Revision C.1 of the Bi-Level Car Specification during the procurement (cone of silence) and later accepted and incorporated into the specification. All other changes that occurred outside of the procurement process have rationale noted on the summary table.

Jeff Gordon, FRA, commented on several areas of concern with those that have no rationale and wanted some time to take a look at them and provide comments. Tammy agreed and noted that she intended for there to be additional time for comments prior to asking the Chair to bring it to a vote.

Tammy then reviewed the 8 comments received to date (8-8-19). Some of those comments were accepted others will be sent back to the appropriate technical working group for review.

After further discussion, it was agreed that the comment period on the full summary of changes will be open through COB on 8-15-19. All comments are to be sent to Tammy Krause by that date. Tammy will then compile the changes and make a revised summary of changes to be distributed by Steve Hewitt to all subcommittee members by COB on 8-19-19. The intent will be to discuss all comments received and to address them on the Technical subcommittee call on 8-22-19 with a vote in consideration of approval to be taken on that call. If approved by the Technical subcommittee, the changes will be submitted to the NGEN Executive Board so that it can then begin its process for adoption.

**7. Status: AAR TAG Committee on LED Headlights Phase 3 – Tarek Omar, FRA:**

Tarek Omar reported that the report has been provided to Ensco to finalize the test protocol with TTCI to be ready to begin the testing.

**8. Other Issues:**

With no further business forthcoming for today's call, Charlie King adjourned the meeting at 3:34PM Eastern.

**Next Call: 8-22-2019– 3:00pm Eastern**

**Decisions and Action Items**

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

On 5-30-19, Paul Jamieson provided the following update for inclusion in the minutes:

**"ECP Project:**

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Nothing new to report on 8-8-19

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**Maintaining Industry Participation List: Status:** There are currently 208 industry participation members.

**AAR TAG Committee on LED Headlights Phase 3:**

On 5-30-19, Tarek Omar reported that "we are close to getting the contract in place for Phase 3 and 4...hopefully by the end of the week. On the FRA side of things, all is going well."

On 7-11-19, Tarek Omar reported that the procurement has been submitted and is awaiting final approval. Tarek expects that it will be awarded in the next 3-4 weeks.

On 8-8-19, Tarek Omar reported that the report has been provided to Ensco to finalize the test protocol with TTCI to be ready to begin the testing.

Next update 9-5-19

**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 8-8-19 update

**Document Control Update as of 8-8-19:**

Review comments received on the two summary of changes for the PRIIA Single Level Trainset specification 305-007:

On 8-8-19, it was agreed that all comments are to be sent to Tammy Krause by COB 8-15-19. Tammy will then compile the changes and make a revised summary to be distributed by Steve Hewitt to all subcommittee members by COB on 8-19-19. The intent will be to discuss all comments received and to address them on the Technical subcommittee call on 8-22-19 with a vote in consideration of approval to be taken on that call. If approved by the Technical subcommittee, the changes will be submitted to the NGEN Executive Board so that it can then begin its process for adoption.

Status: Finalizing Technical Working Group member lists:

On 8-8-19, Tammy Krause reported that she has finalized the member list for all technical working groups. Steve Hewitt requested that she provide them to him for the record.

**Electronics on Trains Working Group as of 8-8-19:**

On 8-8-19, David Brabb informed Steve Hewitt that the previously planned 8-6-19 call had been rescheduled to 8-20-19. At that time, the working group will discuss suggested changes to 305-919.

Next update: 8-22-19

**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:**

As of 7-25-19, they have completed the computer simulation model and performance evaluation and conducted some lab testing.

They are in the process of preparing for field testing. They are assembling their own test equipment. They have acquired the equipment and will evaluate it before taking it out for field testing.

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Next update – 8-22-19

**Next call: 8-22-19**

**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**

**August 8, 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 6-27-19, 7-11-19, and 7-25-19  | Charlie King |
| 5. Update: Multi-State Rail Car Procurement  | Momo Tamaoki |
| 6. Document Control Management   | Tammy Krause |
| a. Review comments received on the two summary of changes documents distributed to all Technical subcommittee members and industry participants for the PRIIA Single Level Trainset specification 305-007. |              |
| b. Next steps/timeline for consideration of approval of the changes to 305 -007  |              |
| c. Status: Finalizing Technical Working Group member lists   |              |
| 7. Update: AAR TAG Committee on LED Headlights Phase 3   | Tarek Omar   |
| 8. Other issues  | All          |
| 9. Review this meeting:  | Steve Hewitt |
| a) Decisions   |              |
| b) New Action Items  |              |

***Technical Sub Committee Conference Call Meeting:  
Thursday 8-8-19 / 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 –8-22-19 at 3:00pm Eastern***