

# SECTION 305 TECH SUB COMM

MINUTES

JUNE 27, 2019

3:00PM EASTERN

CONFERENCE CALL

<b>FACILITATOR</b>	<i>Charles 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, Phil Meraz, Jason Biggs, Mike Jenkins, Duncan Copland, Mike Kraft, Curtis McDowell, Art Peterson, Larry Salci, Steve Hewitt, Industry Members:</i> <i>Richard Curtis, Rich Stegner, Steve Morrison, Paul Jamieson, Dick Bruss, Rick Brilz, Ed Golitko, Jonathan Michel, Steve Finegan, Kevin Myles, Adam Saplin, Josh Coran, Martin Bloedt, Bill Saddler, Paul Arnone</i>
<b>ABSENTEES</b>	<i>Ray Hessinger, Marci Petterson, Eric Curtit, John Bell, Brian Marquis, Byron Comati, Bernard Reynolds, Harry Garforth, Anand Prabhakaran, Tammy Krause, David Brabb, Melissa Shurland, Mike Murray, Jeff Schultz</i>

## DISCUSSION/DECISIONS MADE

### 1.

Technical subcommittee Chairman Charlie 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 203 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, (6-13-19) 240 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 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 6-27-19, Paul Jamieson reported that the requested revisions to the report to FRA were approved (today) by the test committee and they are in the hands of APTA for final preparation. Paul anticipates the report will be made available in about two weeks, and, once that happens, he will provide it to Steve Hewitt for distribution to the NGEC.

**4. Approval of the Minutes from 6-13-19 – Charlie King, Amtrak:**

On a motion offered by Jennifer Bastian, IDOT, and seconded by Phil Meraz, Iowa DOT, the minutes from 6-13-19 were approved as presented.

**5. Update: Multi-State Railcar Procurement as of 6-27-19 – Momo Tamaoki, Caltrans:**

Caltrans provided the following update to be included in the minutes (6-27-19):

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

*The basic layout of the IDOT galley and lounge was finalized during the PDR meetings in Chicago. The galley mock-up review is scheduled for October 2019.*

*The intermediate design review for the Cab Car electrical system is this Friday, June 28, in Sacramento. The cab car brake system design review will occur in July.*

*The first 21 carshells are in production at Siemens Sacramento Facility. Carshells #1 and #2 are in the final assembly phase. Production work continues in Carshell #3 with toilet module and floor installation. Electrical switch cabinets have been installed in Carshell #4. Carshells #5 and 6 are in the water testing phase. Carshell #7 successfully passed water testing on June 10. Carshells 8 through 21 are in various stages of welding, integration, painting or storage.*

*The FAI process continues and most system-level FAIs have occurred. Recently completed FAIs include Exterior Doors and Electrical Switch Cabinets. The FAIs for Vestibule Lining and Trap Door are scheduled for late July. A demonstration of the wheelchair lift is also currently planned for the week of July 22. The complete vehicle FAI and preparation for the sample car inspection is tentatively planned for September 17. SCOA and Siemens continue to work with CALIDOT SMEs to address the FAI open items.*

**Amtrak Equipment Procurement – Charlie King, Amtrak:**

Charlie King reported that Amtrak has extended the deadline for bids on the Amfleet 1 replacement trainsets to November 2019. The extension was requested by the industry and Amtrak agreed.

Amtrak continues to work with the states on other contract issues such as data, facilities and funding.

**6. Update: Metro-North Dual Mode Locomotive Procurement – Ray Hessinger, NYSDOT:**

Ray Hessinger, was unavailable today (6-27-19) but Steve Hewitt provided the update that Ray had given to the NGEC executive Board on 6-18-19:

Metro-North is currently doing its due diligence in reviewing submissions received from vendors, and it remains on schedule for selection this year.

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

Tammy Krause was unavailable for the call (6-27-19) and did not provide an update. Steve Hewitt, however, reminded Technical subcommittee members that Tammy had provided a summary of changes list (distributed by Steve Hewitt) for full subcommittee review. Comments are due to Tammy by 7-1-19. There will be additional changes added to the summary sheet once they have been reported out from the appropriate technical working groups.

Members are asked to review what has been distributed and to be on the look out for additional DCRS anticipated to be forthcoming shortly.

**8.**

**Update: Electronics on Trains Working Group – David Brabb, Sharma-Associates:**

David Brabb was not available for the call, but sent the following update after the call and it is included below:

*The Electronics group met on the 25th. Our survey of the group, meant for us at Sharma to understand what is understood as the goals of the group, and the groups thoughts on some of our findings has been consolidated, and was sent out for comment within the group.?? Based on our survey findings, it looks as though we are going to have to revisit the hardware spec 305-919 to make it clearer, and viable. I will have a better understanding after our next meeting on July 16th. Please feel free to contact me with any questions.*

**9.**

**Status Update: University of Nebraska High Speed Wireless Study – Field Testing – Hamid Sharif-Kashani:**

Hamid was unavailable for this call (6-27-19), but a member of the University team reported that work they are continuing work on developing the field test infrastructure.

**10.**

**Status: AAR TAG Committee on LED Headlights – phase 3 and 4 – Tarek Omar, FRA:**

Tarek was not available – no update was provided.

**11.**

**Other Issues:**

With no further business forthcoming for today's call, Charlie King adjourned the meeting at 3:15 pm Eastern.

**Next Call: 7-11-2019– 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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**Maintaining Industry Participation List: Status:** There are currently 203 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."

No update provided on 6-27-19

Next update 7-11-19

**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 6-27-19 update

**Document Control Update as of 6-27-19:**

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Next update: 7-25- 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:**

Hamid was unavailable for this call (6-27-19), but a member of the University team reported that work they are continuing work on developing the field test infrastructure.

Next update – 7-25-19

**Metro North Dual Mode Locomotive Procurement as of 6-13 -19:**

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Amtrak continues to work with the states on other contract issues such as data, facilities and funding.

Next update – 7-25-19

**Next call: 7-11-19**

**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**

**June 27, 2019**

The agenda for the meeting is below:

- |   |               |
|---|---------------|
| 1. Roll Call  | Steve Hewitt  |
| 2. Review Meeting Agenda                                | Charles King  |
| 3. Review Action Items                                  | Steve Hewitt  |
| 4. Approve Minutes from 6-13-19                         | Charles King  |
| 5. Update: Multi-State Rail Car Procurement             | Momo Tamaaki  |
| 6. Update: Metro-North Dual Mode Locomotive Procurement | Ray Hessinger |

- 7. Update: Document Control Tammy Krause
  - a. Trainset Specification – overview DCrs/Technical working group actions
  - b. Timeline – Technical subcommittee review/consideration of approval
  - c. Technical working Group member lists
- 8. Update: Electronics on Trains Working Group David Brabb
- 9. Update: University of Nebraska High Speed Wireless Study – Field Testing Hamid Rashid Kashani
- 10. Status: AAR TAG Committee on LED Headlights Phase 3 and 4 Tarek Omar
- 11. Other issues All
- 12. Review this meeting: Steve Hewitt
  - a) Decisions
  - b) New Action Items

***Technical Sub Committee Conference Call Meeting:***  
***Thursday 6-27-19 / 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 –7-11-19 at 3:00pm Eastern***