

# SECTION 305 TECH SUB COMM

MINUTES

APRIL 18, 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, Allan Paul, Ray Hessinger, Jeff Schultz for Marci Petterson, Eric Curtit, Jennifer Bastian, Phil Meraz, Andrew Wood for Jason Biggs, Mike Jenkins, Art Peterson, Curtis McDowell, Tarek Omar, Michael Burshtin, Duncan Copland, Mike Kraft, Mike Murray, Dave "Emeritus" Warner, Steve Hewitt, Tammy Krause, Industry Members:</i> <i>Paul Jamieson, Dick Bruss, Richard Curtis, James Michel, Martin Bloedt, Josh Coran, Jack Madden, Kevin Myles, Edward Golitko, Bill Saddler</i>
<b>ABSENTEES</b>	<i>Momo Tamaoki, Marci Petterson, Jason Biggs, John Bell, Brian Marquis, Byron Comati, Bernard Reynolds, Harry Garforth, Anand Prabhakaran, Charlie Poltenson, Melissa Shurland, Larry Salci</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 206 registered industry participants.

#### **Requesting Backgrounder educational document:**

The new educational (two-pager) document was released at the Annual Meeting on 2-22-19 and is available in hard copy or electronically. Contact Steve Hewitt at [shewitt109@aol.com](mailto:shewitt109@aol.com). If hard copy, let Steve know where to send them and how many. To date, (4-18-19) 200 hard copies and 350 electronic copies have been distributed. (This depleted the initial supply of 200 copies) Steve has received a request for an additional 30 copies and has placed an order with MoDOT for an additional printing of 150 copies.

#### **University of Nebraska High Speed wireless study:**

On 4-4-19, Hamid Sharif-Kashani reported that the modeling and simulations continue in the lab. They are in the process of preparing for phase 2. Field testing was slowed down by the government shutdown. As soon as all approvals come in, the testing will begin. In the meantime, they will continue the modeling and simulations. Hamid noted he is available for any states that are interested in hearing more about the study or its modeling or simulations.

Next update 5-2-19

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

On 4-4-19, Paul Jamieson provided the following update for inclusion in the minutes:

*ECP Project: As of February 2019, the revenue service demonstration has accumulated 968,922 ECP miles and 2,116,949 emulation miles for a total of 3,085,871 miles since the start in June 2014. The 8 APTA PRESS Standards are in the final public comment period. Any public comments should be resolved during April and the standards forwarded for final process approval within APTA. The FRA final report has been drafted and a test committee meeting will be scheduled to approve the submittal. Amtrak has filed a waiver extension required to continue the revenue service operation.*

**4.****Approval of the Minutes from 3-21 and 4-4-19 – Charlie King, Amtrak:**

On a motion offered by Allan Paul, NCDOT, and seconded by Jennifer Bastian, IDOT, the minutes from 3-21 and 4-4-19 were approved as presented.

**5.****Update: Multi State Rail Car Procurement – Steve Hewitt, NGEC, for Momo Tamaoki, Caltrans:**

Momo Tamaoki provided the following update (read into the record by Steve Hewitt) to be included in the minutes (4-18-19):

*All FDR System Level approvals for standard coach are complete. Four FDR-related submittals require update for FDR milestone approval. Siemens is preparing for a new café car & galley PDR meeting with IDOT on 5/7 and 5/8/2019 in Chicago. Caltrans cab car PDR sessions are scheduled for week of May 20. Reviews that week will include Carshell, Cab HVAC, and F-end H-type coupler.*

*The first 14 carshells are in production at Siemens Sacramento Facility. Carshells #1 and #2 are in the final assembly phase. The HVAC Units have been installed in carshell #1. Windows have been installed and Floors bonded in Carshell #2. Insulation installed in Carshell #3. Carshell #4 is in the Final Assemble Phase. Carshell #5 and Carshell #6 have been released to final assembly build. Carshell #'s 7, 8, 9, 10 and 11 are in various stages of integration or storage.*

*The FAI process continues and FAIs have occurred for the Carshell Complete, Digital Communication System, Lighting System, Couplers, Sanitary System, Sidewall Lining, FRP Panels, Brake System, Interior Doors, Truck Frame, Flooring and heated panel and Battery Charger, HVAC, Full Truck, Sliding Step, Seats, Electrical Cabinet, Windows, Analog Communications and Fully Assembled Bogie, Double Sliding Step and Vestibule FRP Panels. Open items are being addressed and the FAIs are revisited for closure by the customer team as needed. FAI Closure Approval has been provided to SCOA/Siemens for Lighting, Digital Communication, HVAC, Truck Frame, Analog Communications, Passenger Windows, and Brakes. FAI's for Trap Door, Double Sliding Step and Vestibule lining are all scheduled for May 2019.*

**6.****Amtrak Equipment Procurements – Charlie King, Amtrak:**

On the Locomotives:

This continues to move forward working through various issues.

On the passenger rail trainsets:

Amtrak has complied with a request from the state DOTs to include state transportation officials on the Technical Evaluation Committee (TEC) calls and to provide input.

In the coming weeks technical questions will be addressed and feedback provided.

TEC members (states as well) will be invited to participate in the session with offerers.

Oral presentations by the offerers are scheduled between 9-11-19 and 9-24-19 in Philadelphia, Pa.

In the second week of November a roundtable discussion will take place as the TEC works through the evaluation process.

Amtrak will share with the states various weighted factors used for scoring the proposals received.

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

The procurement continues to move along with the due date for final proposals set for 5-10-19. On 4-16-19 Metro-North issued addendum #7 including answers and some questions.

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

Tammy Krause provided the following update for inclusion in today's minutes (4-18-19):

*The Electronics Working Group has a new leader, David Brabb from Sharma and Associates is taking over the group. He will be*

setting up a meeting with them in the near future.

The trainset DCRs are still in process, the Mechanical and Interiors groups should be finishing up theirs in the next several weeks. I do not have a timeline for the VTI or Structures groups.

**9. Update: Electronics on Trains – David Brabb, Sharma-Associates:**

David Brabb was not on today's call (4-18-19). Tammy Krause reported that he is scheduling his first meeting as team leader and she imagines that there will be an update report to the Technical subcommittee in 4 weeks.

**10. Status: AAR TAG Committee on Headlights – Phase 2 – Tarek Omar, FRA:**

Phase 2 – Static Testing – was completed two months ago – the final report has been delivered.

Phase 3 – Dynamic Testing – should begin within May or in a few weeks.

**11. Other Issues:**

With no further business forthcoming for today's call, Charlie King adjourned the meeting at 3:19 pm Eastern.

**Next Call: 5-2-2019– 3:00pm Eastern**

**Decisions and Action Items**

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

On 4-4-19, Paul Jamieson provided the following update for inclusion in the minutes:

*ECP Project: As of February 2019, the revenue service demonstration has accumulated 968,922 ECP miles and 2,116,949 emulation miles for a total of 3,085,871 miles since the start in June 2014. The 8 APTA PRESS Standards are in the final public comment period. Any public comments should be resolved during April and the standards forwarded for final process approval within APTA. The FRA final report has been drafted and a test committee meeting will be scheduled to approve the submittal. Amtrak has filed a waiver extension required to continue the revenue service operation.*

**Requesting Backgrounder educational document:**

The new educational (two-pager) document was released at the Annual Meeting on 2-22-19 and is available in hard copy or electronically. Contact Steve Hewitt at [shewitt109@aol.com](mailto:shewitt109@aol.com). If hard copy, let Steve know where to send them and how many. To date, (4-18-19) 200 hard copies and 350 electronic copies have been distributed. (This depletes the initial supply of 200 copies) Requests for an additional 30 copies have been received. Steve has placed an order with MoDOT for an additional printing of 150 copies.

**Maintaining Industry Participation List: Status:** There are currently 206 industry participation members.

**AAR TAG Committee on LED Headlights Phase 2:**

Phase 2 – Static Testing – was completed two months ago – the final report has been delivered.

Phase 3 – Dynamic Testing – should begin within May or in a few weeks.

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 4-18-19 update

**Document Control Update as of 4-18-19:**

*The Electronics Working Group has a new leader, David Brabb from Sharma and Associates is taking over the group. He will be setting up a meeting with them in the near future.*

*The trainset DCRs are still in process, the Mechanical and Interiors groups should be finishing up theirs in the next several weeks. I do not have a timeline for the VTI or Structures groups.*

**Electronics on Trains Working Group – 4-18-19:**

David Brabb was not on today's call (4-18-19). Tammy Krause reported that he is scheduling his first meeting as team leader and she imagines that there will be an update report to the Technical subcommittee in 4 weeks.

Next update – 5-16-19

**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:**

On 4-4-19, Hamid Sharif-Kashani reported that the modeling and simulations continue in the lab. They are in the process of preparing for phase 2. Field testing was slowed down by the government shutdown. As soon as all approvals come in, the testing will begin. In the meantime, they will continue the modeling and simulations. Hamid noted he is available for any states that are interested in hearing more about the study or its modeling or simulations.

Next update – 5-2-19

**Metro North Dual Mode Locomotive Procurement as of 4-18-19:**

The procurement continues to move along with the due date for final proposals set for 5-10-19. 4-16-19 Metro-North issues addendum #7 including answers and some questions.

Next update – 5-16-19

**Amtrak Equipment Procurement 4-18-19:**

On the Locomotives:

This continues to move forward working through various issues.

On the passenger rail trainsets:

Amtrak has complied with a request from the state DOTs to include state transportation officials on the Technical Evaluation Committee (TEC) calls and to provide input.

In the coming weeks technical questions will be addressed and feedback provided.

TEC members (states as well) will be invited to participate in the session with offerers.

Oral presentations by the offerers are scheduled between 9-11-19 and 9-24-19 in Philadelphia, Pa.

In the second week of November a roundtable discussion will take place as the TEC works through the evaluation process.

Amtrak will share with the states various weighted factors used for scoring the proposals received.

Next update – 5-16-19

**Next call: 5-2-19**

**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**

**April 18, 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 3-21-19 and 4-4-19              | Charles King    |
| 5. Update: Multi-State Rail Car Procurement             | Momo Tamaoki    |
| 6. Update: Amtrak Procurement                           | Charlie King    |
| 7. Update: Metro-North Dual Mode Locomotive Procurement | Ray Hessinger   |
| 8. Update: Document Control                             | Tammy Krause    |
| 9. Update: Electronics on Trains working Group          | David Brabb     |
| 10. Status: AAR TAG Committee on Headlights – Phase 2   | Tarek Omar, FRA |
| 11. Other issues  | All             |
| 12. Review this meeting:                                | Steve Hewitt    |
| a) Decisions  |                 |
| b) New Action Items                                     |                 |

***Technical Sub Committee Conference Call Meeting:  
Thursday 4-18-19 / 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 -5-2-19 at 3:00pm Eastern*