

SECTION 305 TECH SUB COMM

MINUTES

MAY 16, 2019

3:00PM EASTERN

CONFERENCE CALL

FACILITATOR	<i>Charles King, Chair, NGENC Technical Subcommittee</i>
ATTENDEES	Core Team Members: <i>Charlie King, Jeff Gordon, Momo Tamaoki, Allan Paul, Ray Hessinger, Jeff Schultz for Marci Petterson, Art Peterson for Jennifer Bastian Eric Curtit, Phil Meraz, Curtis McDowell, Tarek Omar, Melissa Shurland, Mike Murray, Steve Hewitt, David Brabb</i> Industry Members: <i>Paul Jamieson, Richard Curtis, John Graham, Jack Madden, Ed Golitko, Adam Saplin, Martin Bloedt, Jon Mullin, Rich Stegner, Paul Arnone, Darrell Smith, James Michel, Josh Coran, Donald Sandala</i>
ABSENTEES	<i>Jennifer Bastian, Marci Petterson, Jason Biggs, Mike Jenkins, John Bell, Brian Marquis, Michael Burshtin, Byron Comati, Bernard Reynolds, Mike Kraft, Harry Garforth, Anand Prabhakaran, Tammy Krause, 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.

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 educational (two-pager) document was released at the Annual Meeting on 2-22-19 and is available in hard copy or electronically. To date, (5-16-19) 240 hard copies and 352 electronic copies have been distributed.

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.

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.

No update on 5-16-19

AAR TAG Committee on Headlights – Phase 2 – Tarek Omar, FRA - 4-18-19:

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 – 5-30-19

University of Nebraska High Speed Wireless Study – Hamid Sharif-Kashani:

Hamid Sharif-Kashani reported that the simulation model, which has been completed and undergoing testing in the lab for some time now, has been approved by FRA (thank you Tarek Omar) for Phase two - field testing. Hamid stated that they had begun planning to begin this phase.

The simulation model is available to anyone who is interested. During the field-testing Hamid welcomes input from technical subcommittee members - if interested – please contact Hamid at hamidsharif@unl.edu

Next Update 5-30-19

4. Approval of the Minutes from 5-2-19 – Charlie King, Amtrak:

On a motion offered by Ray Hessinger, NYSDOT, and seconded by Eric Curtit, Missouri DOT, the minutes from 5-2-19 were approved as presented.

5. Update: Multi-State Railcar Procurement as of 5-16-19 – Momo Tamaoki, Caltrans:

Momo Tamaoki provided the following update to be included in the minutes (5-16-19):

All FDR System Level and related submittal approvals for the standard coach are at a Conditional Approval level or greater. Those submittals conditionally approved are ongoing documents that will be updated and submitted periodically.

Siemens held a new café car & galley PDR meeting with IDOT on 5/7 and 5/8/2019 in Chicago. Amtrak and a representative from FDA were present for the meetings. Caltrans cab car PDR sessions are scheduled for week of May 20. Reviews that week will include Carshell, Cab Layout, 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. Carshell #1 is mostly complete except seats, ceiling panels, luggage shelves, trap doors and double sliding steps as well as smaller components. ATR for car #2 is ready for installation on the car. Carshells 3 and 4 are proceeding based on material availability, which has been improving throughout the month of April. Carshell #5 started final assembly. Carshell #6 is in final assembly with installation of rivets and nuts in preparation for component assembly to begin. 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, Vestibule FRP Panels, Wheelset and Gap Filler. 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, Brakes, Couplers, and Wheelsets. The FAI for the Trap Door is scheduled for June 5th.

6. Update: Amtrak Equipment Procurements as of 5-16-19 – Charlie King, Amtrak:

Charlie King reported:

On the Locomotive Procurement – the process continues – no changes to report.

On the car procurement:

Amtrak has received responses to the RFP from several (more than 5) vendors. These responses are being reviewed – and Amtrak “is now into the hard part of seeing how the process morphs into the selection criteria”. Amtrak staff continues to keep its Board of Directors and the states apprised. The process is expected to take up much of the summer with a final selection after that.

7. Update: Metro-North Dual Mode Locomotive Procurement as of 5-16-19– Ray Hessinger, NYSDOT:

Ray Hessinger reported that the due date for proposals was last Friday (5-10-19). Submittals were received from the short-listed car

builders and Metro-North has initiated its review of those submissions.

8. Document Control Update – Tammy Krause, NGEN DCM:

Tammy Krause was unavailable for the call – no update was provided.

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

David Brabb, team leader for the Electronics on Trains Working Group, reported that he is working through where the previous team leader – Tom Sisler – left off and moving forward from there. David expects to have more of an update by the next technical subcommittee call – 5-30-19.

10. Other Issues:

With no further business forthcoming for today's call, Charlie King adjourned the meeting at 3:14pm Eastern.

Next Call: 5-30-2019– 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.

No new update was provided on 5-16-19

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, (5-16-19) 240 hard copies and 352 electronic copies have been distributed.

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

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 – planned for 5-30-19

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 5-16-19 update

Document Control Update as of 5-16-19:

No update provided on 5-16-19.

Previous update provided by Tammy Krause on 5-2-19:

I should have the final version of the Single Level Specification Rev B2 next week and I will have the website updated.

The single level trainset update continues. The 92 DCRs are still with their respective working groups. The Interiors group has made a recent change to one of the DCRs. The Mechanical group is still reviewing their DCRs. I do not have an update from the VTI or Structures group. I have the electrical changes.

I have received the Electrical, Mechanical, Interiors and Electronics on Trains member lists. I am still waiting on the VTI and Structures member lists.

David Brabb has taken over the Electronics on Trains Working Group and will be scheduling a meeting.

Next update -5-30-19.

Electronics on Trains Working Group – 5-16-19:

David Brabb, new team leader for the Electronics on Trains Working Group, reported on 5-16-19, that he is working from where the previous team leader, Tom Sisler, left off, and moving forward from there. David expects to have more of an update by the next technical subcommittee call – 5-30-19.

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 Sharif-Kashani reported that the simulation model, which has been completed and undergoing testing in the lab for some time now, has been approved by FRA (thank you Tarek Omar) for Phase two - field testing. Hamid stated that they had begun planning to begin this phase.

The simulation model is available to anyone who is interested. During the field-testing Hamid welcomes input from technical subcommittee members - if interested – please contact Hamid at hamidsharif@unl.edu

Next update – 5-30-19

Metro North Dual Mode Locomotive Procurement as of 5-16 -19:

The due date for proposals was last Friday (5-10-19). Submittals were received from the short-listed car builders and Metro-North has initiated its review of those submissions.

Next update – 6-13-19

Amtrak Equipment Procurement 5-16-19:

On the Locomotives:

This continues to move forward. No changes reported.

On the passenger rail trainsets:

Amtrak has received responses to the RFP from several (more than 5) vendors. These responses are being reviewed – and Amtrak "is now into the hard part of seeing how he process morphs into the selection criteria". Amtrak staff continues to keep its Board of Directors and the states apprised. The process is expected to take up much of the summer with a final selection after that.

Next update – 6-13-19

Next call: 5-30-19

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

May 16, 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 5-2-19 | Charles King |
| 5. Update: Multi-State Rail Car Procurement | Momo Tamaoki |
| 6. Update: Amtrak Equipment Procurements | Charlie King |
| 7. Update: Metro-North Dual Mode Locomotive Procurement | Ray Hessinger |
| 8. Update: Document Control | Tammy Krause |
| Status: Technical Working Groups review of Single Level Trainset Specification DCRs for Revision update
Status: Verifying/updating all Technical working group member lists and team leaders | |
| 9. Status Update: Electronics on Trains Working Group | David Brabb |
| 10. Other issues | All |
| 11. Review this meeting: | Steve Hewitt |
| a) Decisions | |
| b) New Action Items | |

Technical Sub Committee Conference Call Meeting:
Thursday 5-16-19 / 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 –5-30-19 at 3:00pm Eastern