

SECTION 305 TECH SUB COMM

MINUTES

MARCH 7, 2019

3:00PM EASTERN

CONFERENCE CALL

FACILITATOR	Charles King, Chair, NGENC Technical Subcommittee
ATTENDEES	Core Team Members: Charlie King, Jeff Gordon, Allan Paul, John Bell for Ray Hessinger, Marci Petterson, Eric Curtit, Jennifer Bastian, Jennifer Bastian as proxy for Momo Tamaoki, Phil Meraz, Mike Jenkins, Art Peterson, Curtis McDowell, Tarek Omar, Michael Burshtin, Mike Kraft, Steve Hewitt, Larry Salci Tammy Krause, Industry Members: Paul Jamieson, Tom LaMano, Joe Kenas, Wulfe Dicke, Paul Arnone, Bill Saddler, Craig McKeen, Martin Bloedt, Josh Coran, Jonathan Michel, Richard Stegner, Adam Saplin, James Michel, Dick Bruss, Jack Madden, Richard Curtis
ABSENTEES	Ray Hessinger, Jason Biggs, Brian Marquis, Duncan Copland, Byron Comati, Bernard Reynolds, Harry Garforth, Anand Prabhakaran, Charlie Poltenson

DISCUSSION/DECISIONS MADE

<p>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.</p> <p>As always, industry participants are asked to email a notification of their attendance to Steve Hewitt at shewitt109@aol.com.</p>
<p>2. Review of Action Items that are not on the agenda – Steve Hewitt:</p> <p>Status of action items that were not to be specifically covered on the agenda:</p> <p>Maintaining Industry Participation List: Currently, there are 207 registered industry participants.</p> <p>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. If hard copy, let Steve know where to send them and how many.</p> <p>Updating ECP Standards This ongoing item is being tracked by the Technical subcommittee with status updates provided as activities occur.</p> <p>The last update was provided on 1-10-19 by Paul Jamieson:</p> <p><i>The eight APTA PRESS ECP standards have completed the public comment period without any comments being received. The standards will now be subject to the PRESS Policy and Planning Committee review to assure that all the requirements for publication have been satisfied. The standards will be released after the review is completed. Notification will be provided when the standards are available on the APTA website.</i></p> <p>No update for 3-7-19</p>
<p>Update: AAR TAG Committee on Headlights – Phase 2:</p> <p>On 1-24-19, Eric Sherrock, ENSCO, provided the following update on the LED light testing Phase II. ENSCO is supporting the FRA Office Research, Development and Technology and AAR on this effort. Steve Hewitt read them into the record:</p> <p><i>Phase 2 focused on subjective static field testing of LED lights that were deemed eligible for consideration following Phase 1 laboratory-based testing. Phase 2 field testing was successfully completed in October at the Monticello Railway Museum in Monticello, IL. Test personnel are in the process of analyzing and documenting the test results. These should be available in Q1 of 2019. FRA is working with AAR to arrange for Phase 3 testing of the locomotive LED lights in early 2019.</i></p> <p>Tarek Omar reported that they are waiting for Enesco to wrap up its report and then they will begin Phase 3.</p>

4. Approval of the Minutes from 2-7-19 – Charlie King, Amtrak:

On a motion offered by Jennifer Bastian, IDOT, and seconded by Eric Curtit, MoDOT, the minutes from 2-7-19 were approved as presented.

5. Summary Overview 2019 NGEC Annual Meeting – Charlie King and Steve Hewitt:

Charlie King commented on the NGEC Annual Meeting, noting that he appreciated the great attendance and support for the NGEC evidenced by those who participate on the calls and/or attended the Annual Meeting.

Charlie added that he was pleased to see Mario Bergeron and "our VIA Rail partners" and to hear about their procurement and the challenges that they also face – similar to those we face here in the states in moving from old equipment to a new generation of equipment.

Steve Hewitt was asked to give his overview as well, and he noted that he thought the meeting was very well attended and productive. There were approximately 70 attendees. This is slightly more than last year which is a very good sign, especially in the 10th year of the NGEC. This shows that the interest remains strong.

Feedback has been excellent – several industry members contacted Steve Hewitt to let him know how pleased they were with the meeting, its flow, its information and its length. The new half day format seemed to be a hit.

There were many updates and summary presentations provided on the activities of the NGEC and its subcommittees and working groups as well as the ongoing equipment procurements and an excellent presentation from VIA rail on the company and its current procurement.

All presentations have been sent to AASHTO for posting to the NGEC website. They were also sent to the NGEC distribution list, but the file size prevented acceptance by some servers.

6. Update: Multi State Rail Car Procurement – Jennifer Bastian, IDOT, for Momo Tamaoki, Caltrans:

Momo Tamaoki provided the following update to be included in the minutes and read into the record by Jennifer Bastian:

- All DCRs submitted for the standard coach have been approved, along with two for the Cab Car. The DCR to extend cab car overall length was withdrawn, and the car will conform to the specified length of 85 feet. System-level FDR approvals of the Carbody & Clearance, Water & Waste, HVAC, Gap Filler, Digital Communications, Diagnostic System, Double Sliding Step, Accessible couplers, Trucks, Exterior Doors, Interior Doors, Gangway and Brakes have been provided to SCOA/Siemens. FDRs for Analog Communication System, Diaphragm, Electrical System and Trap Door have also been recently approved and final actions are being addressed on the last two systems – Interiors and Wheelchair Lift. FDR related CDRLs and other submittals continue through the review and approval process.

-The first 13 carshells are in production at Siemens Sacramento Facility. Underframe cable duct, piping and floor supports have been installed on Carshell #1. Carshell #2 is pending water test with cable duct installation to follow. Carshell #3 and #4 were delivered for paint and sound barrier application. Carshell #4 Car shell remains in storage pending scheduling for rework to passivated surfaces. Carshell #9 is in preparation for Q-14 inspection. The remaining carshells are in various stages of integration and welding. The expansion of the Sacramento production facility is structurally complete and being equipped with cranes and fixtures.

-Caltrans, IDOT, SCOA and Siemens conducted an online meeting with FRA Office of Civil Rights on February 20 to present a comprehensive overview of the ADA features of the new coaches. CALTRANS plans an additional meeting with the California ADA community next week.

-The FAI process is underway 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. Open items are being addressed and the FAIs are revisited for closure by the customer team as needed. The HVAC, Full Truck, Sliding Step, Seats, Electrical Cabinet, Windows, Analog Communications, Electrical Switch Cabinet and Fully Assembled Bogie occurred in February. Passenger Seat and Table FAIs are scheduled for March.

7. Status Update: Metro-North Dual Mode Locomotive RFP – John Bell for Ray Hessinger, NYSDOT:

John Bell, NYSDOT, reported that “there is no new news” on the Metro-North Dual Mode Locomotive Procurement at this time.

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

Tammy Krause provided the following update for inclusion in today’s minutes (3-7-19):

The Single Level Car Specification Revision B2 is in the process of being compiled. The 92 DCRs for the next revision of the Trainset specification are still in process with the various working groups.

Steve Hewitt added, that on 2-12-19, the NGEC Executive Board adopted Single Level Specification 305-003 Revision B.2 as approved by the Technical subcommittee and recommended by the NGEC Review Panel.

9. Update: Electronics on Trains – Tom Sisler:

Tom Sisler was not available today. Tammy Krause reported that he is on family leave. This item will be tabled for the time being.

10. Other Issues:

Steve Hewitt informed subcommittee members of the sad news that Joe Boardman passed away suddenly this morning (3-7-19) after suffering a stroke yesterday (3-6-19). During his long and storied career, Joe served as Amtrak’s President and CEO, and previously as the FRA Administrator. He was also Commissioner of NYSDOT for eight years. Throughout his career (over 40 years), Joe was a major force in transportation and certainly played a critical role in improving passenger rail in the US.

Joe will be sorely missed. Our thoughts are with Joe and with his family.

With no further business forthcoming for today’s call, Charlie King adjourned the meeting at 3:18 pm Eastern.

Next Call: 3-21-2019– 3:00pm Eastern

Decisions and Action Items

Updating ECP Standards This is an ongoing item which the Technical subcommittee is tracking – it is anticipated that status updates will take place on every other call.

On 1-10-19, Paul Jamieson provided the following update for inclusion in the minutes:

The eight APTA PRESS ECP standards have completed the public comment period without any comments being received. The standards will now be subject to the PRESS Policy and Planning Committee review to assure that all the requirements for publication have been satisfied. The standards will be released after the review is completed. Notification will be provided with the standards are available on the APTA website.

No new update for 3-7-19

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. If hard copy, let Steve know where to send them and how many. They will also be available electronically as well.

Maintaining Industry Participation List: Status: There are currently 207 industry participation members.

AAR TAG Committee on LED Headlights:

On 1-24-19, Eric Sherrock, ENSCO, provided the following update on the LED light testing Phase II. ENSCO is supporting the FRA Office Research, Development and Technology and AAR on this effort. Steve Hewitt read them into the record:

Phase 2 focused on subjective static field testing of LED lights that were deemed eligible for consideration following Phase 1

laboratory-based testing. Phase 2 field testing was successfully completed in October at the Monticello Railway Museum in Monticello, IL. Test personnel are in the process of analyzing and documenting the test results. These should be available in Q1 of 2019. FRA is working with AAR to arrange for Phase 3 testing of the locomotive LED lights in early 2019.

On 3-7-19, Tarek Omar reported that they are waiting for Ensco to wrap up its report and then they will begin Phase 3.

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 6 for 3-7-19 update

Document Control Update – Action items as of 3-7-19:

The single level specification revision B2 is in the process of being compiled. The 92 DCRs for the next revision of the Trainset specification are still in process with the various working groups.

Steve Hewitt added, that on 2-12-19, the NGEN Executive Board adopted Single Level Specification 305-003 Revision B.2 as approved by the Technical subcommittee and recommended by the NGEN Review Panel.

Electronics on Trains Working Group – 3-7-19:

As of 2-7-19, the DRAFT requirements document had been completed and is under review by the working group members for discussion on the next call around the end of February.

No update provided on 3-7-19

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 2-7-19, the model has been completed and they have been doing testing in the lab. They are now ready to do field testing but got delayed a bit by the government shutdown. He expects the field testing to proceed in the coming weeks and he will show the NGEN Technical subcommittee the results once the testing has occurred.

Next update 3-21-19

Metro North Dual Mode Locomotive Procurement as of 3-7-19:

Nothing new to report on 3-7-19.

Amtrak Equipment Procurement 2-7-19:

On 2-7-19, Charlie King reported that the Locomotive Notice to Proceed went out to Siemens (as previously reported) and for a few months there will not be much to report on as far as delivery schedule, etc. for this procurement.

On the trainset RFP:

Part one of the RFP was issued in January 2019. Part two of the RFP will go out tomorrow and is on the Amtrak public website.

A pre-program conference will take place in Philadelphia with George Hull and some of his team representing Amtrak Mechanical.

On May 1, 2019, vendor proposals are due to Amtrak.

Next update: 3-21-19

Next call: 3-21-19

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

March 7, 2019

The agenda for the meeting is below:

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| 1. Roll Call | Steve Hewitt |
| 2. Review Meeting Agenda | Charles King |
| 3. Review Action Items | Steve Hewitt |
| 4. Approve Minutes from 2-6-19 | Charles King |
| 5. Summary Overview 2019 NGEC Annual Meeting | Charlie King/Steve Hewitt |
| 6. Update: Multi-State Rail Car Procurement | Momo Tamaoki |
| 7. Status Update: Metro-North Dual Mode Locomotive RFP | Ray Hessinger |
| 8. Update: Document Control | Tammy Krause |
| 9. Update: Electronics on Trains Working Group | Tom Sisler |
| 10. Other issues | All |
| 11. Review this meeting: | Steve Hewitt |
| a) Decisions | |
| b) New Action Items | |

***Technical Sub Committee Conference Call Meeting:
Thursday 3-7-19 / 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 -3-21-19 at 3:00pm Eastern