

SECTION 305 TECH SUB COMM

MINUTES

APRIL 4, 2019

3:00PM EASTERN

CONFERENCE CALL

FACILITATOR	<i>Charlie King, Chair, NGENC Technical Subcommittee</i>
ATTENDEES	Core Team Members: <i>Charlie King, Melissa Shurland for Jeff Gordon, Jennifer Bastian, Momo Tamaoki, Jeff Schultz for Marci Petterson, Phil Meraz, Michael Burshtin, Mike Kraft, Tammy Krause, Larry Salci, Hamid Sharif-Kashani, Steve Hewitt, Industry Members:</i> <i>Richard Stegner, Edward Goltko, Kevin B. Myles, Steve Finnegan, Richard Curtis, Adam Saplin, Darrell Smith, Josh Coran, Paul Arnone, James Michel, John Graham, Tom Lamano, Dick Bruss, Jack Madden</i>
ABSENTEES	<i>Eric Curtit, Jeff Gordon, Ray Hessinger, Allan Paul, Jason Biggs, Mike Jenkins, Marci Petterson, Byron Comati, Duncan Copland, Bernard Reynolds, Harry Garforth, Tarek Omar, John Bell, Charlie Poltenson, Curtis McDowell, Art Peterson</i>

DISCUSSION/DECISIONS MADE

1.

Charlie King, Amtrak, called today's meeting to order and asked Steve Hewitt to call the roll.

After calling the roll, Steve Hewitt reported that the presence of was not confirmed. Steve recommended that the meeting take place, but no votes be taken with approval of the minutes from the last call be tabled.

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 205 registered industry participants.

Requesting Background 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. To date, (4-4-19) 181 hard copies and 350 electronic copies have been distributed.

Metro North Dual Mode Locomotive Procurement as of 3-21-19:

On 4-4-19, John Bell, NYSDOT, informed Steve Hewitt that "The Phase 2 proposal due date has been extended again to May 10, 2019".

Next update – 4-18-19

Amtrak Equipment Procurement as of 3-21-19:

On the Locomotive procurement:

The effort is moving forward with preparation of design review taking place.

On the trainsets/Amfleet 1 replacement:

Amtrak is expecting information to be coming in from the suppliers by May 10th. Responses to questions received from vendors were expected to be sent within the next week or so.

Next update – 4-18-19

4.

Approval of the Minutes from 3-21-19 – Charlie King, Amtrak:

Due to the lack of a quorum, approval of the 3-21-19 minutes was tabled until the next call providing there is a quorum confirmed at that time.

5. Update: Multi State Rail Car Procurement – Momo Tamaoki, Caltrans:

Momo Tamaoki provided the following update for inclusion in the minutes (4-4-19):

System-level FDR approvals of the Carbody & Clearance, Water & Waste, HVAC, Gap Filler, Digital Communications, Diagnostic System, Double Sliding Step, Accessible Toilet Room, Safety Appliances, Lighting Systems, Semi-Permanent and H-type couplers, Trucks, Exterior Doors, Interior Doors, Gangway, Brakes, Analog Communications, Diaphragm, Electrical System, Trap Door and Interiors have been provided to SCOA/Siemens. FDR Wheelchair Lift actions are closed, and the approval is in queue. This completes the FDR System level approvals. FDR related CDRLs and other submittals continue through the review and approval process. Approximately 4 submittals require update for FDR approval.

The first 14 carshells are in production at Siemens Sacramento Facility. Carshells #1 and #2 are in the final assembly phase. Subfloor and insulation are being installed in Carshell #1. Underframe cable duct and piping is installed in Carshell #2. Underframe cable duct being built for Carshell #3. Carshell #5 has been released to final assembly build. Carshell #6 was sent to paint for final coatings application. Carshell #'s 7, 8, 9 and 10 remain in storage. Final weld inspection was completed and closed Carshell #11. Siemens final assembly facility expansion is complete with car production in process.

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, HVAC, Full Truck, Sliding Step, Seats, Electrical Cabinet, Windows, Analog Communications and Fully Assembled Bogie. 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 and Analog Communications. FAI's for End Door and Double Sliding Step FAIs are scheduled for May.

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

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

The ongoing process for updating the specifications continues. The 97 trainset DCRs are still with the respective working groups. I have begun putting together the DCRs for the Dual Mode Locomotive specification to bring it in alignment with the MNRR specification where appropriate. Those DCRs will be going to the Locomotive group by next month. I have received no DCRs in the past several months, so we are all caught up on new DCRs at this time.

7. Electronics on Trains Working Group – update and status naming new team leader - Tammy Krause:

As several of you may know, Tom Sisler has taken a Family Leave and will no longer be available to lead the NGEC Electronics committee. I have reached out to all the members asking for a volunteer to take over. In the meantime, we will continue work on our draft version of the Digital Trainline Software Specification. We will be holding a meeting on 4/11/2019 at 10:00am to continue work on our strawman document and hopefully announce a new chair.

8. Update: University of Nebraska/FRA High Speed Wireless Study – Hamid Sharif-Kashani:

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.

9. Status: AAR TAG Committee on Headlights – Phase 2 - Tarek Omar, FRA:

Tarek Omar was unavailable for the call, so this item was tabled until the next call 4-18-19.

10. Status: Updating ECP Standards - Paul Jamieson:

Paul Jamieson was unavailable for today's call, but provided the following update for inclusion in today's minutes (4-4-19) Steve Hewitt read them into the record:

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.

**11.
Other Issues:**

With no further business forthcoming for today's call, Charlie King adjourned the meeting at 3:16pm Eastern.

Next Call: 4-18-2019– 3:00pm Eastern

Decisions and Action Items

Updating ECP Standards This is an ongoing item which the Technical subcommittee is tracking – updates are provided as appropriate:

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Maintaining Industry Participation List: Status: There are currently 205 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.

No update provided on 4-4-19 – next update 4-18-19.

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 4-4-19 update

Document Control Update – Action items as of 4-4-19:

The update provided on 4-4-19 was:

The ongoing process for updating the specifications continues. The 97 trainset DCRs are still with the prospective working groups. I have begun putting together the DCRs for the Dual Mode Locomotive specification to bring it in alignment with the MNRR specification where appropriate. Those DCRs will be going to the Locomotive group by next month. I have received no DCRs in the past several months, so we are all caught up on new DCRs at this time.

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

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.

On 3-21-19, Steve Hewitt reported that Tom Sisler, the working group team leader, has resigned due to having to go on family medical leave. He has asked that a new leader be appointed in his place. Tom plans to provide Steve Hewitt with a list of working group members. Steve will ask Tammy Krause to work with the group to name a leader and to provide the name of that person, along with a list of working group members, to Steve Hewitt for the NGEC records.

On 4-4-19 Tammy Krause provided the following update for inclusion in the minutes:

As several of you may know, Tom Sisler has taken a Family Leave and will no longer be available to lead the NGEC Electronics committee. I have reached out to all the members asking for a volunteer to take over. In the meantime, we will continue work on our draft version of the Digital Trainline Software Specification. We will be holding a meeting on 4/11/2019 at 10:00am to continue work on our strawman document and hopefully announce a new chair.

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.

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Next update: 4-18-19

Next call: 4-18-19

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 4, 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 | Charles King |
| 5. Update: Multi-State Rail Car Procurement | Momo Tamaoki |
| 6. Update: Document Control | Tammy Krause |
| 7. Electronics on Trains working Group – update and status naming new team leader | Tammy Krause |
| 8. Update: University of Nebraska/FRA High Speed Wireless Study | Hamid Sharif-Kashani |
| 9. Status: AAR TAG Committee on Headlights – Phase 2 | Tarek Omar, FRA |
| 10. Status: Updating ECP Standards | Paul Jamieson |
| 11. Other issues | All |
| 12. Review this meeting: | Steve Hewitt |
| a) Decisions | |
| b) New Action Items | |

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