

SECTION 305 TECH SUB COMM

MINUTES

MARCH 21, 2019 3:00PM EASTERN

CONFERENCE CALL

FACILITATOR	<i>George Hull, Vice Chair, NGENC Technical Subcommittee</i>
ATTENDEES	Core Team Members: <i>George Hull for Charlie King, Jeff Gordon, Allan Paul, John Bell for Ray Hessinger, Eric Curtit, Jennifer Bastian, Momo Tamaoki, Jason Biggs, Mike Jenkins, Art Peterson, Michael Burshtin, Mike Kraft, Duncan Copland, Mike Murray, Steve Hewitt, Industry Members:</i> <i>Paul Jamieson, Jack Madden, Richard Curtis, Donald Sandala, Richard Stegner, Bill Saddler, Edward Golitko, John Graham</i>
ABSENTEES	<i>Ray Hessinger, Marci Petterson, Byron Comati, Bernard Reynolds, Harry Garforth, Tarek Omar, Jeff Schultz, Charlie Poltenson. Larry Salci, Curtis McDowell, Phil Meraz, Tammy Krause, Hamid Sharif-Kashani</i>

DISCUSSION/DECISIONS MADE

1.

In the absence of Technical subcommittee Chairman Charlie King, Amtrak, Vice chair, George Hull 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 207 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. If hard copy, let Steve know where to send them and how many. To date, (3-21-19) 157 hard copies and 350 electronic copies have been distributed.

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

The last update was provided on 1-10-19 by Paul Jamieson:

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.

No update for 3-21-19

Update: AAR TAG Committee on Headlights – Phase 2:

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.

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

There was no update on 3-21-19

Electronics on Trains Working Group:

Steve Hewitt reported that Tom Sisler, the working group team leader has resigned from the working group due to having to go on family medical leave. He has asked that a new leader be appointed in his place. Tom intends 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 provide the name of that person, along with a list of working group members, to Steve Hewitt for the NGEN records.

4. Approval of the Minutes from 3-7-19 – George Hull, Amtrak:

On a motion offered by Allan Paul, NCDOT, and seconded by Eric Curtit, Missouri DOT, the minutes from 3-7-19 were approved as presented.

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

Momo Tamaoki provided the following update for inclusion in the minutes (3-21-19):

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 and Trap Door have been provided to SCOA/Siemens. A new revision of FDR Wheelchair Lift has been submitted for review. FDR related CDRLs and other submittals continue through the review and approval process. FDR Approval is targeted for end of March.

The first 14 carshells are in production at Siemens Sacramento Facility. Carshells #1 and #2 are in the final assembly phase. Interior wiring is being installed in carshell #1. Insulation and interior cable duct to be installed in Carshell #2. Carshell #3 and Carshell #4 have completed the finishing coating process. Carshells 5-7 are in storage pending passivation scheduling. Carshell #8 is in the passivation stage and #9 is in inspection. The remaining carshells are in various stages of integration and welding.

CALTRANS met with the California ADA community last week in Sacramento to discuss project status and updates to coach ADA features.

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 Seats, Table, IDOT Passenger Information System, and Wheelset are scheduled for March. FAI for Double Sliding Steps is scheduled for April.

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

John Bell, NYSDOT, provided the following update for inclusion in the minutes (3-21-19):

Metro-North Railroad has short-listed 3 firms. The Phase 2 proposal due date has been extended to April 12, 2019.

7. Update: Amtrak Equipment Procurement – George Hull for Charlie King, Amtrak:

George Hull reported that the Locomotive procurement effort is moving forward with preparation of design review taking place.

On the trainsets/Amfleet 1 replacement, they are expecting information to be coming in from the suppliers by May 10th. Responses to questions received from vendors are expected to be sent out in the next week or so.

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

Tammy Krause was unavailable for the call and did not provide an update.

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

Hamid was unavailable for the call, but provided Steve Hewitt with the following update which he read into the record (3-21-19):

We are in the process of finalizing the project from FRA, after the January Government shutdown, to perform field testing in verification of our computer simulation models for high-speed wireless networks for the next generation of train systems.

10. Other Issues:

With no further business forthcoming for today's call, George Hull adjourned the meeting at 3:18pm Eastern.

Next Call: 4-4-2019– 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:

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No new update for 3-21-19

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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.

No new update provided on 3-21-19.

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 3-21-19 update

Document Control Update – Action items as of 3-21-19:

The update provided on 3-7-19 was:

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.

No report was provided for 3-21-19.

Electronics on Trains Working Group – 3-21-19:

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.

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 the call, but provided Steve Hewitt with the following update which he read into the record (3-21-19):

We are in the process of finalizing the project from FRA, after the January Government shutdown, to perform field testing in verification of our computer simulation models for high-speed wireless networks for the next generation of train systems.

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

Metro-North Railroad has short-listed 3 firms. The Phase 2 proposal due date has been extended to April 12, 2019.

Amtrak Equipment Procurement 2-7-19:

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

On the trainsets/Amfleet 1 replacement, they are expecting information to be coming in from the suppliers by May 10th. Responses to questions received from vendors are expected to be sent out in the next week or so.

Next update: 4-16-19

Next call: 4-4-19

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 21, 2019

The agenda for the meeting is below:

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|-----------------------------------------------------------------|--------------|
| 1. Roll Call | Steve Hewitt |
| 2. Review Meeting Agenda | Steve Hewitt |
| 3. Review Action Items | Steve Hewitt |
| 4. Approve Minutes from 3-7-19 | George Hull |
| 5. Update: Multi-State Rail Car Procurement | Momo Tamaoki |
| 6. Update: Metro-North Dual Mode Locomotive RFP | John bell |
| 7. Update: Amtrak Equipment Procurement | George Hull |
| 8. Update: Document Control | Tammy Krause |
| 9. Update: University of Nebraska/FRA High Speed Wireless Study | Steve Hewitt |
| 10. Other issues | All |
| 11. Review this meeting: | Steve Hewitt |
| a) Decisions | |
| b) New Action Items | |

***Technical Sub Committee Conference Call Meeting:
Thursday 3-21-19 / 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 -4-4-19 at 3:00pm Eastern***