

SECTION 305 TECH SUB COMM

MINUTES

APRIL 30, 2020

3:00PM EASTERN

CONFERENCE CALL

FACILITATOR	<i>Charlie King, Chair, NGEN Technical Subcommittee</i>
ATTENDEES	Core Team Members: <i>Charlie King, Jeffrey Gordon, Momo Tamaoki, Curtis McDowell for Matthew Simmons, Marci Petterson, Jennifer Bastian, Troy Hughes, Steve Hewitt, Art Peterson, Michael Burshtin, Michael Kraft, Melissa Shurland, Tarek Omar, Mike Murray, Larry Salci, Tammy Krause, Dave "Emeritus" Warner</i> Industry Members: <i>Richard Curtis, Rich Bowie, Steve Finegan, Joe Kenas, Anthony Lucas, Paul Arnone, Vlad Ciobanu, Martin Bloedt, Josh Coran, Jack Madden, Paul Jamieson, Rich Stegner, Bill Saddler, Scott Witt, Darrell Smith, Kevin Myles, James Michel, Jon Mullin, Dick Bruss, Tom LaMano, Al Mincarelli, Ed Golitko</i>
ABSENTEES	<i>Matthew Simmons, George Hull, Ray Hessinger, Charlie Poltenson, Jason Biggs, Mike Jenkins, Phil Meraz, Brian Marquis, David Brabb, Oscar Bermudez</i>

DISCUSSION/DECISIONS MADE

1.

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

After calling the roll, Steve 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 Meeting Agenda – Charlie King, Amtrak:

Chairman King provided a brief overview of today's meeting agenda.

Charlie announced that today is Michael Burshtin's last day at Amtrak – he is retiring tomorrow – 5-1-20. Charlie expressed his appreciation for Michael's hard work and dedication over 40+ years at Amtrak. "You will be missed".

Michael Burshtin introduced Mike Kraft, Amtrak as his replacement as Amtrak Technical Advisor to the NGEN and noted Mr. Kraft's extensive experience.

3.

Review Action Items – Steve Hewitt, NGEN Program Manager:

Requesting Backgrounder educational document:

As reported previously, the two-pager has been updated and is available in hard copy and/or pdf versions. To date over 150 hard copies and 250 electronic copies have been distributed.

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

Maintaining Industry Participation List: There are approximately 202 industry participation members.

AAR TAG Committee on LED Headlights Phase 4:

On 3-5-20 Tarek Omar reported that they are still finalizing phase 4 and would keep the subcommittee apprised as it progresses.

Next update as appropriate.

University of Nebraska High Speed wireless study:

On 4-16-20, Hamid Sharif-Kashani reported that he had nothing new to provide at this time due to the campus being shut down (COVID 19). They are trying to remotely organize the results and will, hopefully, be able to share a link to them by the next update.

Next update: 5-14-20

Metro North Dual Mode Locomotive Procurement:

Metro-North continues to be in the procurement "Cone of Silence".

Next update – 5-14-20

Amtrak Equipment Procurement as of 4-16-20:

The COVID 19 situation has caused delays:

On the Acela 21 –

New York State has reduced the plant – it is not operating as essential - but does have a few employees working there to keep it open. Trainset 1 is at TTCI – reduced to a single crew. Trainset 2 – similar situation.

Amtrak is not likely to meet the delivery date. There was not much slack in the schedule to begin with. Not at all sure what the new schedule will be – and will not know until the restrictions are removed.

On the Charger Locomotives:

Siemens did manage to get its facility in Sacramento named as essential. Amtrak is working on the Articles of Inspection to come up with the first P42 Locomotive replacement.

On the single level car/trainset procurement:

Clarification/correction to the 4-16-20 update:

Amtrak Internal negotiations are ongoing – still under internal evaluation - and Charlie hopes that after the next Amtrak Board Meeting there may be something that he can provide to the technical subcommittee members.

Next update: 5-14-20

Developing a TSSSA spec/menu/template:

Amtrak is working on this and making some progress. Charlie hopes to have something to share over the next several weeks. They are trying to sanitize the information to allow for distribution to the NGECC members. There are various diagrams that they would like to include but they need the permission of the OEMs.

Charlie King asked Steve Hewitt to make this item a monthly agenda topic.

Next update: 5-14-20.

Establish process and timeline for Tech SC review of Access Board NPRM Accessibility Guidelines and compare with current NGECC Specifications

The intent of this effort is for states to submit their comments to the Access Board Docket on the Accessibility Requirement Guidelines (advanced) Notice of Proposed Rulemaking. Amtrak has submitted its comments already. Once the comments "have come back", the Technical subcommittee will compare them with the NGECC specifications to ensure compliance.

4. Approval of the Minutes from 4-16-20 – Charlie King, Amtrak:

On a motion offered by Jennifer Bastian, IDOT, and seconded by Marci Petterson, CT DOT, the minutes from the last call (4-16-20) were approved as presented.

5. Update: Multi-State Railcar Procurement as of 4-30-20 – Momo Tamaoki, Caltrans:

Momo Tamaoki, Caltrans, provided the following update on 4-30-20:

- *FDR for the standard coach is complete. The Cab Car structure FDR took place on February 27 and updated documents are in review. IDOT galley FDR reviews and releases are ongoing. Cab Car F-coupler FDR is scheduled for May 6.*

- *Open items for complete coach FAI are near closure. Non-domestic testing has been postponed due to travel restrictions. Video and photos are being provided for tests that SMEs are unable to witness. Cars one and two have returned to Sacramento from TTCI for final repairs and inspections before shipment to Stockton. Car #3 is continuing FRA 213 testing on the NEC and has been performing well. This testing will continue into mid-May. The coach Maintainability Demonstration is targeted for June pending travel availability.*
- *49 cars total are in production or have been produced at Siemens Sacramento Facility. The production facility remains open under an Essential Business clause. System-level FAIs for standard coach are complete with final approvals in work. Cars 7, 9 and 13 were shipped to Stockton on April 27th, and there are now seven cars total at the Stockton facility. The first IDOT car shipment is currently projected for late May/early June.*
- *The project teams are monitoring potential production and schedule impacts due to the coronavirus and are receiving frequent updates from SCOA and Siemens.*

Marci Petterson, Connecticut DOT, announced that Conn DOT will be releasing an RFP for new rail cars. As soon as the RFP is finalized, she will send the link to Steve Hewitt for distribution to NGEN members.

6.

Document Control Update – Steve Hewitt for Tammy Krause, NGEN DCM:

Tammy Krause provided the following update for inclusion in the minutes (4-30-20):

Status: Compiling Single Level Trainset Specification 305-007 – Revision B:

The Technical writer – Cameron Cordell – is actively compiling the approved changes to the Single Level Trainset Specification 305-007 Revision. Tammy hopes to have it back from Cameron by the next Technical subcommittee call (5-14-20).

On the update of the DMU Specification:

Tammy had sent the Propulsion/Locomotive DCRs for review by the Locomotive technical working group team leader Rich Stegner. After Rich's review, it was determined that several of the DCRS do not apply to the DMU. Tammy will make the corrections to the DCR sheet and, once complete, she will send the DCRS out to the appropriate technical working groups for their review.

Status: Equipment Acquisition Best Practices Reference Document:

The first DRAFT of the Equipment Acquisition and Ownership Best Practices/Lessons Learned document has been completed by the Technical Writer and has been sent today (4-30-20) by Steve Hewitt to the Working Group members for their review and comment.

Updating list of Technical Working Group members:

Tammy has received roster lists from 4 of the 7 Technical Working Groups.

Starting a folder/file for TSSSA template:

Tammy did not have an update on this item. Charlie King reported that he hopes to have something ready by the next subcommittee call (5-14-20).

7.

Status Update – Electronics on Trains Working Group – David Brabb:

David Brabb was not available and did not provide an update in advance – this item is tabled until the next call 5-14-20

8.

Other Issues:

Steve Hewitt expressed his appreciation for all that Michael Burshtin has done over the years for the NGEN and a great resource. Steve wished Michael well in his retirement – "All the best!"

With no further business forthcoming for today's call, Charlie King adjourned the meeting at 3:17PM Eastern.

Next Call: 5-14-20– 3:00pm Eastern

Decisions and Action Items

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

"ECP Project:

The test committee met on May 29, 2019 with some minor edits requested to the final FRA report. The report will be submitted by APTA under docket no. FRA-2015-0078. The report will be made available to the NGECC after APTA submittal. The revenue service demonstration resulted in 1,039,74 ECP fleet miles and 2,126,747 Emulation (BP operation) fleet miles. The total mileage for ECP and emulation was 3,166,541 fleet miles. A total of five incidents were reported the revenue service demonstration. Two incidents were related to electronic hardware, there were no software incidents and three incidents related to training which occurred early in the ECP revenue service demonstration. The hardware incidents have been thoroughly investigated and resolved. The APTA PRESS standards for the emulation 26C configuration and ECP configuration were approved and will be available on the APTA standard website. The equipment provided by New York Air Brake (Knorr) and Wabtec were approved under this project. Draft regulatory language has been prepared and provided to the FRA.

Amtrak will continue the revenue service demonstration.

In addition to developing the Passenger ECP system, an electronic valve replacement for the 26C service portion was developed.

The test committee and APTA PRESS Mechanical technical working group appreciates the support provided by the NGECC. This project would not have been possible without the dedication of Amtrak, APTA, NYAB and Wabtec personnel, and the support of FRA observers. "

On 7-11-19, Paul Jamieson reported that all reviews are done, and the report is in the hands of APTA to package the report. Paul has requested that APTA let him know the anticipated date of completion. Once the report is made available, Paul will provide it to Steve Hewitt for distribution to the NGECC members.

Nothing new to report on 4-30-20

Requesting Background educational document:

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Maintaining Industry Participation List: There are approximately 202 industry participation members.

On 4-30-20, Steve Hewitt added that he plans on re-sending the current industry list along with the minutes from this call and asked that members review the list and send him any corrections – additions/deletions/changes that they are aware of.

The list is only as good as the information Steve is provided, and often members retire or move on to other companies and do not let Steve know so the list becomes inaccurate.

AAR TAG Committee on LED Headlights Phase 4:

On 3-5-20 Tarek Omar reported that they are still finalizing phase 4 and would keep the subcommittee apprised as it progresses.

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 4-30-20 update.

Document Control Update as of 4-30-20:

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Electronics on Trains Working Group activities as of 4-2-20:

David Brabb was not available for the call today (4-30-20)

On 3-5-20, David provided the following update:

We had a web-conference this past Tuesday, March 3rd. Our next web-conference is planned for Tuesday, March 24th.

Due to our latest rounds of comments on the PRIIA 305-919 DTL hardware Revision 2020A, we have decided that we must get confirmation on the intended topology of the DTL system. We are asking our group to help us determine between a "ring" type and a "linear" (for a lack of a better term) type of system topology. We are also reaching out to some folks outside the Electronics subcommittee for comments as well. Once that decision is made, we will specify jumpers and any peripherals and include in 919. Finally, we will insert a WiDTL section, that has gone through preliminary review, into 919 and send that Revision 2020B out to the group for final review. The WiDTL section specifies redundancy for back office and passenger entertainment purposes only, not any operational communications or controls, due to safety and security risks.

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Connecticut DOT Rail Car Procurement:

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Next call: 5-14-20

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 30, 2020

The agenda for the meeting is below:

- | | |
|--|--------------|
| 1. Roll Call | Steve Hewitt |
| 2. Review Meeting Agenda | Charlie King |
| 3. Review Action Items | Steve Hewitt |
| 4. Approve Minutes from 4-16-20 | Charlie King |
| 5. Update: Multi-State Rail Car Procurement | Momo Tamaoki |
| 6. Update: Document Control Management | Tammy Krause |
| - Status: Compiling Single Level Trainset Specification 305-007 – Revision B | |
| - Next Specification Update – DMUs – next steps/timeline | |
| - Status: Equipment Acquisition Best Practices Reference Document | |
| - Updating list of Technical working group members | |
| - Starting a folder/file for TSSSA template | |
| 7. Status Update: Electronics on Trains Working Group | David Brabb |
| 8. Other issues | All |
| 9. Review this meeting: | Steve Hewitt |
| a) Decisions | |
| b) New Action Items | |

Technical Sub Committee Conference Call Meeting:
Thursday 4-30-20 / 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 –5-14-20 at 3:00pm Eastern