

SECTION 305 TECH SUB COMM

MINUTES

AUGUST 20, 2020 3:00PM EASTERN

CONFERENCE CALL

FACILITATOR	<i>Charlie King, Chair, NGENC Technical Subcommittee</i>
ATTENDEES	Core Team Members: <i>Charlie King, Jeffrey Gordon, Matthew Simmons, Momo Tamaoki, Ray Hessinger, Marci Petterson, Jennifer Bastian, Phil Meraz, Troy Hughes, Jason Biggs, Steve Hewitt, Melissa Shurland, Tarek Omar, Art Peterson, Jon Mullin, Industry Members:</i> <i>Jon Mullin, Richard Stegner, Paul Jamieson, Darrell Smith, Dick Bruss, Steve Ojalvo, Josh Coran, Ed Golitko, Rich Bowie, James Michel, Paul Arnone, Kevin Myles, Richard Curtis, James Daniel,</i>
ABSENTEES	<i>Charlie Poltenson, Mike Jenkins, George Hull, Byron Comati, Blair Slaughter, Mike Kraft, Oscar Bermudez, Larry Salci,</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 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 Meeting Agenda – Charlie King, Amtrak:

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

3.

Review Action Items – Steve Hewitt, NGENC 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 400 hard copies and PDF 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 200 industry participation members.

Status: Developing a TSSSA primer/template:

On 7-23-20, Charlie King reported that this item remains "on the stove" and should be completed over the next couple of months. Completion of the DRAFT primer has been slowed by issues the more immediate workload from the procurements underway and issues related to COVID 19.

Next Update: As appropriate

Status: Metro-North Dual Mode Locomotive Procurement:

Metro North continues to be in the "cone of silence" period.

Status: Amtrak Vehicle Procurements as of 8-6-20:

On the Acela:

Trainsets 1 and 2 continue in the testing phase. Instrumented wheels have been put on Trainset 2 for operation on the NEC.

There have been some challenges, similar to what Caltrans is facing, due to travel restrictions from foreign countries to the US due

to COVID 19 issues.

On the Locomotives:

Amtrak published picture and colors of the new locomotives with progress moving forward on the 7 that are in the manufacturing stage.

On the Intercity Passenger Rail cars:

This procurement currently remains in the "cone of silence" period as Amtrak progresses through the procurement steps before an announcement is made. The announcement should occur within the next 60 days.

Status: Connecticut Rail Car Procurement:

As of 8-6-20 from Marci Petterson, CtDOT:

We are finalizing answers to the 82 questions/requests for clarification received on our RFP. Those are due to be posted as an addendum on our procurement site on Friday.

Status: University of Nebraska High Speed Wireless Study:

Hamid Sharif-Kashani reported that they have completed the most recent phase of the study and are preparing for the next phase which will begin in September. They will be testing a frequency that will connect car voice and data at the same time to see if this will ease some of the saturation that occurs.

Hamid expressed appreciation for the support they have received from FRA and, specifically from Tarek Omar.

Please contact Hamid if you would like more information on this effort.

4. Approval of the Minutes from 8-6-20– Charlie King, Amtrak:

On a motion offered by Ray Hessinger, NYSDOT, and seconded by Jennifer Bastian, IDOT, the minutes from 8-6-20 were approved as presented.

5. Update: Multi-State Railcar Procurement as of 8-20-20 – Momo Tamaoki, Caltrans:

Momo Tamaoki provided the following update for inclusion in today's minutes:

Design review for the standard coach is complete. The Cab Car structure FDR is complete, the structural test plans are in review, and the Cab Car brake system FDR occurred in July with closure documents in work. Reviews for Cab Car Interiors, Electrical Systems and Safety Appliances are scheduled to commence in September. IDOT Café Car releases are ongoing with design reviews continuing through August and September.

Travel restrictions are being evaluated, but travel to Europe from the U.S. for testing has not been possible with no known upcoming change. Video and photos continue to be provided for tests that SMEs are unable to witness and this has been successfully demonstrated using remote live video for cab car CEM element testing in July. NEC testing is complete and comments to the report have been provided by the customer and FRA. Caltrans 238.111 testing was completed the last week of July and the final report is in work. The IDOT 238.111 test runs on the IDOT corridors are expected to be performed in September.

54 cars total are in production or have been produced at Siemens Sacramento Facility. System-level FAIs for standard coach are now approved and the overall car FAI is in the approval process. The complete car FAI for IDOT and a follow-up FRA Sample Car Inspection occurred June 24th and 25th. The Maintainability Demonstration for standard coach is scheduled for late August. There are nine cars delivered to the Stockton facility. The first IDOT cars shipped end of July and are at the Amtrak facility in Chicago.

The project teams continue to monitor potential production and schedule impacts due to the coronavirus and are receiving frequent updates from SCOA and Siemens.

6. Update: Document Control Management as of 8-20-20 – Tammy Krause:

Tammy Krause was unavailable for today's call and did not provide an update.

7.

Status: Accessibility Requirement Guidelines (advanced NPRM)– Melissa Shurland, FRA:

On 8-20-20, Melissa Shurland reported that the comment period ended on 7-14-20 (after having been extended to that date) and the Access Board is now processing those comments received. Melissa stated, "we are in a holding pattern to see what the comments were and what the Access Board's disposition of them will be." Melissa will keep the NGEC technical subcommittee informed as the process is completed.

8.

Update: Electronics on Trains working group – Steve Hewitt for David Brabb:

On 8-20-20, David Brabb provided the following update which was read into the record by Steve Hewitt:

We had our Electronics working group meeting Tuesday (8-18-20). We delivered PRIIA 305-919 DTL Hardware Rev. 2020B to the whole group on Monday for review. They are to give us feedback by Friday Aug 28th. We will then incorporate what is needed and move on to firmware/ software specs.

Our next meeting is on September 8th.

Steve Hewitt noted that he would ask Tammy Krause to check in with the working group to make sure that the NGEC document change procedures are being followed to revise/update the PRIIA 305-919 reference specification. Charlie King concurred.

9.

Status: AAR Tag Committee on LED Headlights – Tarek Omar, FRA:

On 8-20-20, Tarek Omar noted that the LED testing is complete except for ice melting – which will need to wait a few months on. Steve Hewitt asked if he should remove this item as a regular update. It was agreed that he would take it off as a monthly standing agenda item and will make a note to check in with Tarek in December 2020.

10.

Other Issues:

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

Next Call: 9-3-20– 3:00pm Eastern

Decisions and Action Items

Requesting Backgrounder educational document:

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Maintaining Industry Participation List: There are approximately 200 industry participation members.

Reminder: 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 Update:

On 6-25-20, Tarek Omar reported that Phase 3 and 4 are complete and they are working on the final report. Tarek hopes to be able to share the report with this group soon.

On 8-20-20, Tarek Omar noted that the LED testing is complete except for ice melting – which will need to wait a few months on. Steve Hewitt asked if he should remove this item as a regular update. It was agreed that he would take it off as a monthly standing agenda item and will make a note to check in with Tarek in December 2020.

PRIIA Multi-State Procurement Update 8-6-20:

Multi-State Car Procurement - Caltrans (Lead State): Progress reports from the lead state will be provided on each subcommittee call.

On 8-20-20 Momo Tamaoki provided the following update:

Design review for the standard coach is complete. The Cab Car structure FDR is complete, the structural test plans are in review, and the Cab Car brake system FDR occurred in July with closure documents in work. Reviews for Cab Car Interiors, Electrical Systems and Safety Appliances are scheduled to commence in September. IDOT Café Car releases are ongoing with design reviews continuing through August and September.

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The project teams continue to monitor potential production and schedule impacts due to the coronavirus and are receiving frequent updates from SCOA and Siemens.

Document Control Update as of 8-6-20:

As provided by Tammy Krause:

I am still waiting on one WG for their comments on the DMU DCRs, but they hope to have their meeting next week and will then get their results back to me. I am also waiting on two WGs for their member lists.

I have sent the proposed changes to the Equipment Acquisition and Ownership document to the Technical Writer, I should have those changes back next week.

I have also started sending her the chapter changes for the Trainset specification. I am sending the chapters individually to give her time to make the changes and I should have all the changes to her by the end of next week.

On 8-20-20, no update was provided.

Electronics on Trains Working Group activities as of 8-20-20:

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Next Update: 9-3-20

Metro North Dual Mode Locomotive Procurement:

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Next Update: 9-3-20

Connecticut DOT Rail Car Procurement:

Marci Petterson provided the following update on 8-6-20 for inclusion in the minutes:

We are finalizing answers to the 82 questions/requests for clarification received on our RFP. Those are due to be posted as an addendum on our procurement site on Friday.

Next Update: 9-3-20

Amtrak Equipment Procurement as of 8-6-20:

On the Acela:

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Next Update: 9-3-20

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.

On 8-20-20, Melissa Shurland, FRA, reported that the comment period ended on 7-14-20 (after having been extended to that date) and the Access Board is now processing those comments received. Melissa stated, "we are in a holding pattern to see what the comments were and what the Access Board's disposition of them will be." Melissa will keep the NGECC technical subcommittee informed as the process is completed.

Developing a TSSSA spec/menu/template - status as of 6-25-20:

On 7-23-20, Charlie King reported that this item remains "on the stove" and should be completed over the next couple of months. Completion of the DRAFT primer has been slowed by issues the more immediate workload from the procurements underway and issues related to COVID 19.

Next Update: As appropriate

Next call: 9-3-20

By Computer: <https://stephenhewitthewittconsulting.my.webex.com/meet/shewitt109>

by phone: 1-415-655-0001
Access code: 126-073-1531

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

Web Ex video/audio information:

By Computer: <https://stephenhewittthewittconsulting.my.webex.com/meet/shewitt109>

by phone: 1-415-655-0001
Access code: 126-073-1531

August 20, 2020

The agenda for the meeting is below:

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| 1. Roll Call | Steve Hewitt |
| 2. Review Meeting Agenda | Charlie King |
| 3. Review Action Items | Steve Hewitt |
| 4. Approve Minutes from 8-6-20 | Charlie King |
| 5. Update: Multi-State Rail Car Procurement | Momo Tamaoki |
| 6. Update: Document Control Management | Tammy Krause |
| - Status: Completion of Single Level Trainset Specification 305-007 – Revision B - Timeline | |
| - Status: DMU spec update – Timeline Update | |
| - Status: Updating list of Technical working group members | |
| - Status: Equipment Acquisition & Ownership WG – Updated DRAFT Recommended Practice document | |
| 7. Status Update: Accessibility Requirement Guidelines (advanced) NPRM | Melissa Shurland |
| 8. Update: Electronics on Trains working group | David Brabb |
| 9. Update: AAR TAG Committee on LED Headlights - | Tarek Omar |
| 10. Other | All |
| 11. Review this meeting: | Steve Hewitt |

- a) Decisions
- b) New Action Items

Next Call -9-3-20 at 3:00pm Eastern

DRAFT