

SECTION 305 TECH SUB COMM

MINUTES

JULY 9, 2020

3:00PM EASTERN

CONFERENCE CALL

FACILITATOR	<i>Charlie King, Chair, NGENC Technical Subcommittee</i>
ATTENDEES	Core Team Members: <i>Charlie King, Jeffrey Gordon, Curtis McDowell for Matthew Simmons, Ray Hessinger, Marci Petterson, Art Peterson for Jennifer Bastian, Momo Tamaoki, Phil Meraz, Troy Hughes, Mike Jenkins, Steve Hewitt, George Hull, Michael Kraft, Tarek Omar, Mike Murray Tammy Krause, Industry Members:</i> <i>Steve Morrison, Donald Sandala, Greg Gagarin, Jeff Schultz, Jack Madden, Rich Stegner, Tom LaMano, Ed Golitko, Richard Curtis, Kirk Klug</i>
ABSENTEES	<i>Matthew Simmons, Charlie Poltenson, Jason Biggs, Melissa Shurland, Duncan Copland, Byron Comati, 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 electronic copies have been distributed.

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

Establish process and timeline for Tech SC review of Access Board NPRM Accessibility Guidelines and compare with current NGENC 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 NGENC specifications to ensure compliance.

Reminder: The extended comment period for Recommendations on Access for Rail Vehicles ends on 7-14-20.

<https://www.access-board.gov/guidelines-and-standards/transportation/vehicles/update-of-the-guidelines-for-transportation-vehicles/advance-notice-of-proposed-rulemaking-2>

Status: Developing a TSSSA Primer:

Charlie King reported that work continues in the development of the primer that will ultimately be included with the PRIIA Documents. 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: 7-23-20

University of Nebraska High Speed Wireless Study:

On 6-25-20, Hamid Sharif-Kashani reported that phase 1 and the current phase were completed (development of the simulator and verification of the model) and they are now getting ready for the next phase – to determine effectiveness.

Charlie King commented that many do not realize how jammed up the frequency spectrum is. Hamid agreed and noted that they have had to be creative in finding ways to utilize existing frequencies for different uses.

Next Update: 7-23-20

AAR Tag Committee on LED Headlights – Phases 3 and 4:

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

Next Update: As appropriate

4. Approval of the Minutes from 6-11-20 and 6-25-20– Charlie King, Amtrak:

On a motion offered by Art Peterson for IDOT, and seconded by Momo Tamaoki, Caltrans, the minutes from 6-11 and 6-25-20 were approved as presented.

5. Update: Multi-State Railcar Procurement as of 7-9-20 – Momo Tamaoki, Caltrans:

Design review for the standard coach is complete. The Cab Car structure FDR is complete, and CEM element testing occurred this Tuesday and Wednesday in Germany via remote video and results appear to be positive. Setup for cab car structure compression testing is tentative for late July or August in Sacramento depending on travel restrictions. The Cab Car brake system FDR will occur Thursday (today). IDOT galley FDR reviews and releases are ongoing, and the latest galley review occurred on June 16th.

Travel restrictions are being evaluated, but travel to Europe from the U.S. for testing is unlikely in the near term. Video and photos continue to be provided for tests that SMEs are unable to witness. NEC testing is complete, and the test report is in review. Caltrans 238.111 testing is currently planned to begin in the second half of July.

51 cars total are in production or have been produced at Siemens Sacramento Facility. System-level FAIs for standard coach are complete with final open items in work to complete first car overall FAI. The complete car FAI for IDOT and a follow-up FRA Sample Car Inspection occurred June 24th and 25th. There are nine cars total at the Stockton facility. Cars 11 and 12 were shipped to Stockton on June 30th. The IDOT cars are scheduled to begin shipments likely in August.

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: Metro-North Dual Mode Locomotive Procurement as of 7-9-20 – Ray Hessinger, NYSDOT:

Ray Hessinger reported that Metro-North continues in negotiations with proposers.

7. Update: Amtrak Vehicle Procurements as of 7-9-20 – Charlie King, Amtrak:

On the Acela:

They continue to meet modeling on the test trainsets. Instrumented wheels are to come off Trainset 1 in Pueblo and will go to the NEC for Trainset 2 testing.

Trainset 2 continues to be out on the track on the NEC (including yesterday (7-8-20)) for testing.

Trainsets 3 and 4 continue to be built in Hornell.

The COVID 19 virus is having an impact on some of the material – but the plan remains for revenue service by Spring or Summer 2021. This would mean 8 trainsets in service.

On the Locomotives:

Seven units are in various stages of construction – with the first one almost looking like a locomotive. Seven fuel tanks are done. Thus far the locomotive procurement remains on time to go to Wilmington for final preparation and acceptance next February (2021) with an early Summer/late Spring 2021 revenue service.

On the Intercity Passenger Rail vehicles:

Amtrak continues to evaluate bid proposals – nothing further to announce now.

**8.
Status Update – CT DOT Rail Car Procurement as of 7-9-20 – Marci Petterson, CT DOT:**

Marci Petterson provided the following update for inclusion in today's (7-9-20) minutes:

*RFP went public on April 30th
Pre-proposal conference held 6/12
First round of questions is due tomorrow
Second round due at the end of August
Anticipate awarding in January
We are using a best value selection process*

**9.
Update: Document Control Management as of 7-9-20 - Tammy Krause:**

The past two weeks in Document Control were quiet. The DMU Revision A DCRs have been reviewed and received back from the Mechanical, Electrical, Interiors and Propulsion work groups. I am waiting to hear from the Vehicle Track Interaction and Structural work groups. I will continue to pursue them.

The Ownership and Acquisition Best Practice document continues. There was a meeting two weeks ago of the working group and we are close on a final draft.

I continue to reorganize the Trainset specification to match the layout of the other equipment specifications.

**10.
Update: Electronics on Trains working group – Steve Hewitt for David Brabb:**

David Brabb provided the following update for 7-9-20:

We had our call on June 30th. We are buttoning up the latest revision of PRIIA 305 DTL specification to include recommended topologies. That is planned to be completed for limited review this week. Our next call is scheduled for July 21st.

**11.
Other Issues:**

Charlie King reported that he has accepted the Amtrak Incentive buy-out. George Hull has been named as Acting CMO and will take over the strategic role.

Charlie will stay on until 9-18-20 (unless a permanent replacement is named sooner) and will remain in tactical command. He will continue to serve on the NGEC in his current capacity during this transition period.

Steve Hewitt offered his congratulations and well wishes to Charlie and noted that he is pleased that Charlie will continue working with the NGEC over the coming months.

With no further business forthcoming for today's call, Charlie King adjourned the meeting at 3:20PM Eastern.

Next Call: 7-23-20– 3:00pm Eastern

Decisions and Action Items

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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:

As of 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.

Next update as appropriate.

PRIIA Multi-State Procurement Update 7-9-20:

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

Design review for the standard coach is complete. The Cab Car structure FDR is complete, and CEM element testing occurred this Tuesday and Wednesday in Germany via remote video and results appear to be positive. Setup for cab car structure compression testing is tentative for late July or August in Sacramento depending on travel restrictions. The Cab Car brake system FDR will occur Thursday (today). IDOT galley FDR reviews and releases are ongoing, and the latest galley review occurred on June 16th.

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Document Control Update:

Tammy Krause provided the following update on 7-9-20:

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Next Update: 7-23-20

Metro North Dual Mode Locomotive Procurement:

As of 7-9-20, Metro-North continued to be in the procurement "Cone of Silence".

Next Update: 8-6-20

Connecticut DOT Rail Car Procurement:

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

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Next Update: 7-23-20

Next call: 7-23-20

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

July 9, 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 6-11 and 6-25-20 | Charlie King |
| 5. Update: Multi-State Rail Car Procurement | Momo Tamaoki |
| 6. Update: Metro-North Dual Mode Locomotive Procurement | Ray Hessinger |
| 7. Update: Amtrak Vehicle Procurements | Charlie King |
| 8. Update: Connecticut Rail Car Procurement | Marci Petterson |
| 9. Update: Document Control Management | Tammy Krause |
- Status: Completion of Single Level Trainset Specification 305-007 – Revision B
 - Status: DMU spec update – timeline
 - Updating list of Technical working group members
 - Status: updating DRAFT Equipment Acquisition and Ownership Best Practices Document

10. Update: Electronics on Trains working group

David Brabb

11. Other

All

12. Review this meeting:

Steve Hewitt

- a) Decisions
- b) New Action Items

Technical Sub Committee Conference Call Meeting:
Thursday 7-9-20 / 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 -7-23-20 at 3:00pm Eastern