

SECTION 305 TECH SUB COMM

MINUTES

SEPTEMBER 3,
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, Momo Tamaoki, Ray Hessinger, Marci Petterson, Art Peterson for Jennifer Bastian, Phil Meraz, Phil Meraz also as proxy for Troy Hughes, Steve Hewitt, George Hull, Melissa Shurland, Tarek Omar, Mike Murray, Tammy Krause, Industry Members:</i> <i>Richard Stegner, Paul Jamieson, Darrell Smith, Dick Bruss, Steve Ojalvo, Josh Coran, Ed Gollitko, Rich Bowie, Richard Curtis, James D Daniel, Jack Madden, Greg Gagarin, Martin Bloedt, Kirk Klug, Stephen Mark</i>
ABSENTEES	<i>Troy Hughes, Jennifer Bastian, Jason Biggs, Mike Jenkins, 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 about 410 copies (Electronic or hard copies) have been distributed.

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

Maintaining Industry Participation List: There are around 200 industry participants.

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: 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.

Status: Electronics on Trains Working Group:

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.

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.

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

On a motion offered by Phil Meraz, Iowa DOT, and seconded by Ray Hessinger, NYSDOT, the minutes from 8-20-20 were approved as presented.

5. Update: Multi-State Railcar Procurement as of 9-3-20 – 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. Reviews for Cab Car Interiors, Diagnostic Systems and Safety Appliances are scheduled for the week of September 28. IDOT Café Car releases are ongoing with design reviews continuing through September.

Travel to Europe from the U.S. for testing is still not possible with no known upcoming change, which is affecting the scheduling of some tests. Video and photos continue to be provided for tests that SMEs are unable to witness. NEC testing is complete and comments to the report are being clarified with FRA. Caltrans 238.111 testing is complete, and the report is in work. The IDOT 238.111 test runs on the IDOT corridors are expected to be performed in September. FAIs for Business Class Seats and Workstation Tables are scheduled for the week of September 21.

54 cars total are in production or have been produced at Siemens Sacramento Facility. System-level FAIs and the Complete Coach FAI are now approved for the standard coach. There are nine cars delivered to the Stockton facility. The first IDOT cars shipped end of July and the second shipment occurred August 28.

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: Connecticut DOT Rail Car Procurement as of 9-3-20 – Marci Petterson, CtDOT:

Marci Petterson reported that they continue to finalize answers to the questions received. One was a request for an extension which they are considering.

7. Update: Metro-North Dual Mode Locomotive Procurement – as of 9-3-20 - Ray Hessinger, NYSDOT:

Ray Hessinger reported that they remain in the "cone of silence" period, but there is "light at the end of the tunnel".

8.

Update: Amtrak Vehicle Procurements – as of 9-3-20 - Charlie King, Amtrak:

On the Acela:

The first two “prototypes” continue in different phases of testing.

Trainset #1 is in Pueblo and has been consistently hitting 165 mph.

Trainset #2 is at Penn Coach Yard for testing and is working through various Advanced Civil Speed Enforcement System (ACSES) issues. #2 has the instrumented wheels under it. Today (9-3-20) the Philadelphia Fire Department came out and assisted Amtrak in some testing – simulating a rainstorm to test the trainset to ensure that it is watertight.

On the Locomotives (ACL 42):

The 10th unit is being assembled with the fuel tank as the first item.

The first 2 units are through some phase of the painting process.

Another milestone will be attained on 9-15-20 “we will be out there to inspect the first unit”.

On the Intercity Passenger Car procurement:

This procurement remains in the “cone of silence”.

9.

Update: Document Control Management as of 9-3-20 – Tammy Krause:

Tammy Krause provided the following update:

Document control has been working on the Ownership and Acquisition document and it should be sent to that WG by 9/11.

The Technical Writer and I have been working on the Trainset specification. I owe Camren some additional information. After that is submitted to her, we should be able to have a completion date.

The DMU DCRs are all complete and approved by all the working groups, with the exception of the Structural Group. I am still waiting for those comments. As soon as I have them, all of the comments will be sent to the entire Technical Subcommittee for review and comment.

10.

Other Issues:

With no further business forthcoming for today’s call, Charlie King adjourned the meeting at 3:15 PM Eastern.

Next Call: 9-17-20– 3:00pm Eastern

Decisions and Action Items

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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.

Next Update: December 2020 or as appropriate

PRIIA Multi-State Procurement Update 9-3-20:

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

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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 9-3-20:

As provided by Tammy Krause:

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

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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.

Next Update: 9-17-20

University of Nebraska High Speed wireless study:

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next phase which will begin in September 2020. 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.

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

Next Update: 10-1-20

Metro North Dual Mode Locomotive Procurement – 9-3-20:

As of 9-3-20, Metro-North continued to be in the procurement “Cone of Silence”.

Next Update: 10-1-20

Connecticut DOT Rail Car Procurement – 9-3-20:

Marci Petterson reported that they continue to finalize answers to the questions received. One was a request for an extension which they are considering.

Next Update: 10-1-20

Amtrak Equipment Procurement as of 9-3-20:

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On the Intercity Passenger Car procurement:

This procurement remains in the “cone of silence”.

Next Update: 10-1-20

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.

Next Update: As appropriate

Developing a TSSSA spec/menu/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

Next call: 9-17-20

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://stephenhewitthewittconsulting.my.webex.com/meet/shewitt109>

by phone: 1-415-655-0001

Access code: 126-073-1531

September 3, 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 8-20-20 | Charlie King |
| 5. Update: Multi-State Rail Car Procurement | Momo Tamaoki |
| 6. Update: Connecticut DOT Rail Car Procurement | Marci Petterson |
| 7. Update: Metro-North Dual Mode Locomotive Procurement | Ray Hessinger |
| 8. Update: Amtrak Vehicle Procurements | Charlie King |

9. Update: Document Control Management Tammy Krause

- Status: Completion of Single Level Trainset Specification 305-007 – Revision B – Timeline for completion.
- Status: DMU spec update – Timeline for Tech SC review
- Status: Updating list of Technical working group members
- Status: Equipment Acquisition & Ownership WG – Updated DRAFT Recommended Practice document

10. Other All

11. Review this meeting: Steve Hewitt

- a) Decisions
- b) New Action Items

Next Call –9-17-20 at 3:00pm Eastern