

SECTION 305 TECH SUB COMM

MINUTES

NOVEMBER 29,
2018

3:00PM EASTERN

CONFERENCE CALL

FACILITATOR	<i>Charles King, Chair, NGENC Technical Subcommittee</i>
ATTENDEES	Core Team Members: <i>Charlie King, Jeff Gordon, Momo Tamaoki, Allan Paul, Charlie Poltenson, Ray Hessinger, Eric Curtit, Jennifer Bastian, Phil Meraz, Mike Jenkins, Jeff Schultz for Marci Petterson, Jason Biggs, Mike Murray, Michael Burshtin, Duncan Copland, Art Peterson, John Bell, Curtis McDowell, Steve Hewitt, Larry Salci, Tammy Krause</i> Industry Members: <i>Dick Bruss, Richard Curtis, Tom Sisler, Bill Saddler, Paul Arnone, Craig McKeen, Jack Madden, Adam Saplin, Josh Coran, Martin Bloedt, Richard Stegner, Kevin Myles, Steve Morrison,</i>
ABSENTEES	<i>Marci Petterson, Mike Jenkins, Brian Marquis, Byron Comati, Bernard Reynolds, Anand Prabhakaran, Melissa Shurland</i>

DISCUSSION/DECISIONS MADE

1.

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

After calling the roll, the presence of a quorum was confirmed.

As always, industry participants are asked to email a notification of their attendance to Steve Hewitt at shewitt109@aol.com

Charlie was in transit, and remained on the line, but asked Steve Hewitt to run the agenda on Charlie's behalf, with Charlie commenting as needed.

2.

Review of Action Items that are not on the agenda – Steve Hewitt:

Steve Hewitt reviewed the open action items, providing a brief update on only those items that were not to be specifically covered on the agenda:

Maintaining Industry Participation List: Status: Steve Hewitt reported that he has gone through the industry list and purged emails that have recently been kicking back as undeliverable and has updated the list entirely. The list will be attached to the email with today's (11-29-18) minutes, and members are asked to review it to be sure there are not missing members or information that needs to be updated.

Requesting Backgrounder educational document: The 2018 version of the NGENC Backgrounder is available electronically or by hard copy. Contact Steve Hewitt at shewitt109@aol.com for copies; if you desire hard copies, please tell Steve how many you need and provide a mailing address. The document is now being reviewed by the NGENC Finance and Administrative subcommittee and a slightly updated version will be available at the Annual Meeting.

AWG/RVACC Update:

Melissa Shurland, provided a complete update on the RVAAC and AWG efforts at the NGENC Annual Meeting on 2-23-18. The presentation is available on the NGENC website at www.ngec305.org.

On 10-4-18 – Melissa Shurland reported that there still has been no word from the RVACC on the possible release of a rule for accessibility on Rail Vehicles.

There was no update provided on 11-29-18.

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

On 11-1-18, Paul Jamieson provided the following update:

"The car overhauls (non-ECP related) were completed and the demonstration train was placed back into service accumulating 35,898

miles through October 5, 2018. The next mileage report will be issued after November 5, 2018. The total ECP mileage is 735,024 and total emulation mileage is 2,004,782. The combined mileage is 2,739,786.

The eight ECP standards were voted on and comments received by the APTA PRESS ECP working group. The comments were discussed at the meeting held on October 23, 2018 and resolved. The standards are being updated and will be posted for public comment. It is anticipated that the standards will be issued by the end of December 2018 or early January 2019.

The APTA ECP project will be closed and transferred to Amtrak after the final FRA report is issued. Again, this transfer should occur in January 2019 pending report acceptance by the FRA safety board which includes the waiver closeout.”

Periodic Brake Maintenance:

From May 2018: The FRA has requested APTA PRESS Mechanical to support the codification of various existing waivers regarding brake periodic maintenance as cover under 49 CFR 238.309. Electronic air brake (NYAB and Wabtec), 26C, 26L and other types of brake equipment will potentially be lengthened under this review. The FRA has a short time window to prepare these updates for internal review and then be published in the Federal Register later this year.

On 11-29-18 – there was nothing new to report on these two items

Update: AAR TAG Committee on Headlights – Phase 2:

On 7-25-18, Tarek Omar reported that they are preparing for Phase two.

Once underway, Tarek will provide status updates as he did with Phase one.

Update: Electronics on Trains as of 11-15-18:

Tom Sisler was unavailable, but provided the following status report to Steve Hewitt for inclusion in the 11-15-18 minutes:

The status is that we've met and reviewed our draft requirements document over several meetings. The ball is in my (Tom's) court to start turning meeting notes into requirements text and create a new draft to be reviewed by the committee which does include UNL. After getting all feedback on that future draft, we'll be able to release a draft for Industry review.

Next update is due 12-13-18

4. Approval of the Minutes from 11-15-18 – Charlie King, Amtrak:

With a quorum having been confirmed, Charlie King called for a motion to approve the minutes from the 11-15-18 conference call:

A motion to approve was offered by Allan Paul and included a minor correction suggested by Dick Bruss, Eric Curtit seconded the motion to approve as corrected. With no further objections or exceptions forthcoming, the minutes from the 11-15-18 conference call were considered approved as presented.

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

Momo Tamaoki provided the following update for inclusion in the minutes:

- *Of the three critical Cab Car DCRs, two have been approved by the NGENC subcommittee – Carbody/Cab Construction and Cab Area Floor Height. The pending Car Length Over Couplers DCR would be an allowed exception to the PRIIA specification pending approval of an NGENC rule change. The PRIIA specification text would not be changed. A DCR regarding the PRIIA vertical curve requirements has been reviewed by Amtrak and will be submitted soon.*
- *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, Exterior Doors, Trucks and Brakes have been provided to SCOA/Siemens. Interior Doors is currently in queue for approval. Remaining actions for Gangway are complete with system level approval expected soon. Caltrans submittals to FRA for Safety Appliance and Carbody are complete and under review. The package containing the Clearance Envelopes have been submitted to Amtrak for review and approval.*
- *The first 12 carshells are in production at Siemens Sacramento Facility and carshell #1 has passed its FAI and associated rework has been completed. Carshell #2 is in the passivation process. Carshell #3 has completed the integration and associated inspection. Carshells 4 through 8 are in various stages of weld integration and Carshells 9 through 12 are in the initial stages of construction with center sills completed. The expansion of the Sacramento production facility is slightly delayed due to permitting issues but there is no effect on the schedule thus far.*
- *The FAI process is underway and FAIs have occurred for the Carshell Complete, Digital Communication System, Lighting System, Couplers, Sanitary System, Sidewall Lining, 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. FAI for the Low Floor Door Panel is to be conducted in December.*

6. Update: Amtrak Equipment Procurements – Charlie King, Amtrak:

Locomotive procurement:

Charlie King reported that there have been successful bidders for the P42 locomotives and the negotiation phase will begin shortly. Charlie anticipates that before the next subcommittee meeting the contract will be awarded. The base is for 75 P42s with increments of 25.

Car procurement:

The RFI session is closed. There was one additional vendor presentation that took place this morning (11-29-18) and, Charlie noted that states were on the call hearing the presentation along with Amtrak. Underwriting of the RFP is now taking place. Charlie expects the DRAFT RFP to be released around the middle of December.

Asked if the Locomotive contract included Dual Mode Locomotives or only the P42's, Charlie noted that the RFI included Dual Mode Locomotives as well as P42s, and that option is in the RFP, but the current base of 75 is for P42s only.

7. Update: Metro-North Dual Mode Locomotive Procurement – Ray Hessinger, NYSDOT:

Ray Hessinger, NYSDOT, reported that Metro-North has withdrawn its RFP in order to change from a State funded to a Federal funded procurement. The new RFP should be issued shortly, but Ray does not have a date.

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

Tammy Krause provided the following update for inclusion in today's minutes (11-29-18):

Tammy Krause noted that there was nothing new to report today – the approved DCRs are with the Executive Board, and the process change being proposed is being reviewed by FRA legal. If approved, it would be a part of the Executive Board" review as a DCR to change the Document Management Procedures accordingly (305-100).

9. Update: Nigh Speed Wireless Study – Hamid Sharif-Kashani, University of Nebraska:

Hamid was not available for this call- this item was tabled until the next call 12-13-18.

10. NGENC 2019 Annual Meeting – 2-22-19 Hyatt Regency Capitol Hill Washington, DC – Steve Hewitt:

a. Review Draft Agenda:

Steve Hewitt provided a brief overview of the DRAFT agenda for the Annual Meeting. It has been tentatively approved as DRAFT and is subject to change. The agenda has been sent to all NGENC members and is attached to the minutes of today's (11-29-18) call.

b. Registering for the meeting:

In order to be registered for the NGENC meeting, please send an email separately to Steve Hewitt at shewitt109@aol.com. There is no registration fee for the NGENC meeting. Registering with Steve is important for head count and for printing name badges and putting together meeting packets.

c. Room Block info

Room Block Information – Hyatt Regency Hotel, Capitol Hill, Washington, DC:

The room rate is \$181 per night plus tax which is the per diem rate for DC. **Attendees have until January 29, 2019 to reserve their room at the group rate.**

Hyatt Regency Washington On Capitol Hill

400 New Jersey Ave, NW
Washington, DC 20001

https://www.hyatt.com/en-US/hotel/washington-dc/hyatt-regency-washington-on-capitol-hill/wasrw?corp_id=G-AHT9

Please feel free to contact me with any questions.

Kamasha

Kamasha Hendrickson, CMP, CGMP

Senior Meeting Planner
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11.

Other Issues:

With no further business forthcoming for today's call, Charlie King adjourned the meeting at 3:22pm Eastern.

Next Call: 12-13-2018 – 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 11-1-18, Paul Jamieson provided the following update:

"The car overhauls (non-ECP related) were completed and the demonstration train was placed back into service accumulating 35,898 miles through October 5, 2018. The next mileage report will be issued after November 5, 2018. The total ECP mileage is 735,024 and total emulation mileage is 2,004,782. The combined mileage is 2,739,786.

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There was no update for 11-29-18

Periodic Brake Maintenance:

On 5-17-18, Paul Jamieson provided the following information for inclusion in the minutes:

The FRA has requested APTA PRESS Mechanical to support the codification of various existing waivers regarding brake periodic maintenance as cover under 49 CFR 238.309. Electronic air brake (NYAB and Wabtec), 26C, 26L and other types of brake equipment will potential be lengthened under this review. The FRA has a short time window to prepare these updates for internal review and then be published in the Federal Register later this year.

There was no update for 11-29-18

AWG/RVACC Update:

On 10-4-18 – Melissa Shurland informed the subcommittee members that she still has not heard anything more from the RVACC on issuing a rule.

There was no update for 11-29-18

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AAR TAG Committee on LED Headlights:

Phase One is complete.

Phase two is being developed – once it begins – updates will be provided.

PRIIA Multi-State Procurement Updates:

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

As of 11-29-18:

- *Of the three critical Cab Car DCRs, two have been approved by the NGEC subcommittee – Carbody/Cab Construction and Cab Area Floor Height. The pending Car Length Over Couplers DCR would be an allowed exception to the PRIIA specification pending approval of an NGEC rule change. The PRIIA specification text would not be changed. A DCR regarding the PRIIA vertical curve requirements has been reviewed by Amtrak and will be submitted soon.*
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Charger Locomotive Update – updates will be provided as warranted.

Document Control Update – Action items as of 11-29-18:

Tammy Krause noted that there was nothing new to report today – the approved DCRs are with the Executive Board, and the process change being proposed is being reviewed by FRA legal. If approved, it would be a part of the Executive Board” review as a DCR to change the Document Management Procedures accordingly (305-100).

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Next update – 12-13-18

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:

As of 11-1-18, the model was reported to be almost complete with verification anticipated to occur by the end of this year and the “tool” will then be done. The next step would be field testing.

Next update: 12-13-18

Metro North Dual Mode Locomotive Procurement as of 11-29-18:

ay Hessinger, NYSDOT, reported that Metro-North has withdrawn its RFP in order to change from a State funded to a Federal funded procurement. The new RFP should be issued shortly, but Ray does not have a date.

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Washington, DC 20001

https://www.hyatt.com/en-US/hotel/washington-dc/hyatt-regency-washington-on-capitol-hill/wasrw?corp_id=G-AHT9

Please feel free to contact me with any questions.

Kamasha

Kamasha Hendrickson, CMP, CGMP

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Next call: 12-13-18

Call in number is:

888 585-9008 access #: 559-120-127

ATTACHMENTS

Next Generation
Equipment Committee



The NGEC will provide national leadership in standardization, acquisition, financing and management of passenger rail equipment.

PRIIA Section 305 Tech Sub Committee Meeting

November 29, 2018

The agenda for the meeting is below:

- | | |
|---|----------------------|
| 1. Roll Call | Steve Hewitt |
| 2. Review Meeting Agenda | Charles King |
| 3. Review Action Items | Steve Hewitt |
| 4. Approve Minutes from 11-15-18 | Charles King |
| 5. Update: Multi-State Rail Car Procurement | Momo Tamaoki |
| 6. Update: Amtrak Equipment Procurements | Charlie King |
| 7. Update: Metro-North Dual Mode Locomotive Procurement | Ray Hessinger |
| 8. Update: Document Control | Tammy Krause |
| 9. Update: High Speed Wireless Study | Hamid Sharif-Kashani |
| 10. NGECE 2019 Annual Meeting – 2-22-19 – Hyatt Regency Capitol Hill Washington, DC | Steve Hewitt |
| a. Review Draft Agenda | |
| b. Registration reminder | |
| c. Room Block info | |
| 11. Other issues | All |
| 12. Review this meeting: | Steve Hewitt |
| a) Decisions | |
| b) New Action Items | |

***Technical Sub Committee Conference Call Meeting:
Thursday 11-29-18 / 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 –12-13-18 at 3:00pm Eastern***

**PRIIA Section 305 Next Generation Corridor Equipment Pool Committee (NGEC)
8th Annual Meeting
February 22, 2019
8:00 am – 12:45 pm EST
Hyatt Regency, Capitol Hill, Washington, DC**

DRAFT Meeting Agenda

- | | |
|----------------|--|
| 8:00 - 8:25 am | Registration |
| 8:25 – 8:30 am | Hotel Safety Briefing – Hotel Staff |
| 8:30 – 8:35 am | Convene Annual Meeting: Eric Curtit, Missouri DOT, NGECE Chair |
| 8:35 - 8:40 am | Self introductions |

8:40 – 8:45 am	Roll call – establish the presence of a quorum: Steve Hewitt, NGENC Program Manager
8:45 – 8:50 am	Review Meeting Agenda: Eric Curtit Review Meeting Packets: Steve Hewitt
8:50 – 8:55 am	Approval of the Minutes from the February 12, 2019 Executive Board conference call
8:55 – 9:10 am	Chairman’s Report - Eric Curtit, Chair, NGENC Executive Board
9:10 - 9:25 am	Update from The Federal Railroad Administration - Michael Lestingi, FRA
9:25 – 9:40 am	Update from Amtrak Government Affairs – TBD, Amtrak
9:40 - 9:50 am	Treasurer’s Report & Finance & Administrative Subcommittee update - Tim Ziethen, Amtrak
9:50 – 9:55 am	Consideration of Acceptance of the Treasurer’s Report – Eric Curtit
9:55 - 10:15 am	Progress Report: Technical Subcommittee - Charlie King, Amtrak
10:15- 10:25 am	Annual Progress Report: Document Control Management – Tammy Krause
10:25 – 10:35am	Presentation- FRA/University of Nebraska High Speed Wireless Study – Tariq Omar, FRA Hamid Sharif-Kashani, University of Nebraska
10:35 – 10:45 am	Break
10:45 – 11:25 am	Equipment Procurements <ul style="list-style-type: none"> a. Multi-State Single Level Cars – Kyle Gradinger, Caltrans b. Metro-North Dual Mode Locomotive Procurement – Ray Hessinger, NYSDOT c. Amtrak Equipment Procurements – Charlie King, Amtrak
11:25 – 11:55 am	The Charger Locomotives deployment – status reports from the states and Amtrak <ul style="list-style-type: none"> a. Mid-West States Experience – John Oimoen, IDOT b. California experience – Kyle Gradinger, Caltrans c. Washington State Experience – Ron Pate, WSDOT d. Amtrak Experience – Charlie King, Amtrak
11:55 – 12:10 pm	Progress Report – Equipment Acquisition and Ownership Best Practices Working Group – Eric Curtit - Overview DRAFT report
12:10-12:30 pm	Discussion: FRA’s New Rail Safety Rule: Impact on the NGENC and Future Procurements – Eric Curtit
12:30 – 12:45 pm	Questions/Comments/Other Issues - All Attendees
12:45 pm	Closing Comments/Adjourn – Eric Curtit