

SECTION 305 TECH SUB COMM

MINUTES

AUGUST 23, 2018 3:00PM EASTERN

CONFERENCE CALL

FACILITATOR	<i>Charles King, Chair, NGENC Technical Subcommittee</i>
ATTENDEES	Core Team Members: <i>Charlie King, Jeff Gordon, Curtis McDowell for Allan Paul, Phil Meraz, Phil Meraz also as proxy for Eric Curtit, Jennifer Bastian, Momo Tamaoki, Michael Burshtin, Mike Murray, Duncan Copland, Steve Hewitt, Industry Members:</i> <i>Dick Bruss, Al Bieber, Joe Kenas, Jonathan Michel, Steve Morrison, Wulf Dicke, Jack Madden, Rich Stegner, James Michel</i>
ABSENTEES	<i>Eric Curtit, Marci Petterson, Charlie Poltenson, Ray Hessinger, Jason Biggs, Jeff Schultz, Allan Paul, Brian Marquis, Tarek Omar, Chris Witt, Larry Salci, Tom Sisler, Art Peterson, Tammy Krause</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

2.

Review Meeting Agenda – Charlie King:

3.

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: There are currently **248** registered industry participants.

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.

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.

The last update provided was on 5-3-18:

No new updates on AWG. We are working in final report.

No new info from US Access Board on the rule for accessibility on Rail Vehicles.

Status: Nothing new to report as of 8-23-18.

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

On 8-23-18, Paul Jamieson reported:

The ECP revenue service demonstration continued in June and July with the coaches in emulation service only due to overhauls being performed. No emulation faults were reported in this time period.

APTA PRESS ECP standards will be distributed for Mechanical group voting in September.

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 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.

Nothing new to report as of 8-23-18

Ongoing

University of Nebraska presentation on High Speed wireless technology:

Hamid Sharif Kashani reported that the high-speed wireless study effort continues to build simulators for 5G for high-speed wireless on trains. Among other things, they have added different components to address different geographic areas.

Members of the Technical subcommittee are welcome to contact Hamid to provide input into the study.

The intent is to be done by late September – early October 2018.

Next update: 9-6-18

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.

Ongoing

4. Approval of the Minutes from 8-9-18 – Charlie King, Amtrak:

With a quorum having been confirmed, Charlie King called for a motion to approve the minutes from the 8-9-18 conference call:

A motion to approve was offered by Phil Meraz, Iowa DOT, and was seconded by Curtis McDowell for NCDOT. With no objections or exceptions forthcoming, the minutes from the 8-9-18 conference call were considered approved as presented.

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

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

- *Three critical cab car DCRs were submitted to NGENC on 7/30. The three are: Car Length Over Couplers, Carbody/Cab Construction and Cab Car Floor Height Transition*
- *Final Design Review Sessions for standard coach concluded in the week of August 7 in Chicago with FDR for H-Coupler, IDOT Diaphragm, IDOT End Doors, Interiors, Wheelchair Lift and Trap Door. There are still open items that need to be addressed and closed before we can approve FDR.*
- *Dynamic testing discussions occurred August 7 & 8 in Chicago with a technical discussion session on 8/7 including Amtrak and FRA and a commercial & insurance discussion on 8/8. Many action items were identified, and Caltrans, IDOT, Amtrak and FRA will continue ongoing discussions to resolve all issues identified at the meetings. Caltrans and IDOT will be issuing a first letter to SCOA/Siemens addressing some of our action items. The letter will most likely go out next week.*
- *Preliminary Design Review for the Café car commences week of September 10 in Sacramento with a full PDR session for the Galley Equipment. Following will be an overview of the adapted systems changes from standard coach to café coach. Amtrak Public Health team will be joining us for this meeting.*
- *System-level FDR approvals of the Carbody & Clearance, Water & Waste, HVAC and Brakes have been provided to SCOA/Siemens. Gap Filler action items have been addressed with approval to follow. Caltrans submittals to FRA for*

Safety Appliance and Carbody to occur in September.

- *The first 5 carshells are in production at Siemens Sacramento Facility with carshell #1 in the final stages of integration and welding. The expansion of the Sacramento production facility is in process and on target for a November completion.*

Momo asked if the 3 DCRs have been distributed to the working groups. She noted they were sent to Tammy Krause on 7-30-18. Charlie said he would follow up with Tammy to find out. Steve Hewitt noted that, according to Tammy's last report (8-9-18) "Three new DCRs for the Single Level Specification have been received and are currently in process."

Charlie reiterated that he will check with Tammy on where they are in the process and either he or Steve Hewitt will provide that answer to Momo.

6.

Update: Metro North Dual Mode Locomotive Procurement – Steve Hewitt for Ray Hessinger, NYSDOT:

Ray Hessinger was unavailable for today's call (8-23-18), but informed Steve Hewitt previously that the Metro-North Dual Mode Locomotive RFP is on the street and is available. There have been extensive changes to the PRIIA specification which was used as a baseline. Metro North is considering taking steps to have the changes reviewed and considered by the NGEC. On behalf of Ray, Steve Hewitt reached out to Tammy Krause, Document Control Manager, to provide the steps needed to move forward if that is the way Metro North decides to go.

Steve Hewitt added, that it is not meant to be done to revise the spec throughout the procurement – so there will not be an urgency as with an active procurement. (Metro North is not required to use the PRIIA spec) All of those who use the specification are asked to inform the NGEC of any changes made that the NGEC may wish to consider that would improve the PRIIA spec.

7.

Document Control Update – Tammy Krause, NGEC DCM:

Tammy Krause was unavailable today but informed Steve Hewitt that there was nothing new to report on Document Control for this week (8-23-18):

8.

Update: Electronics on Trains Working Group – Tom Sisler:

Tom Sisler was not on the call – therefore this item was tabled until the next call (9-6-18).

9.

Other Issues:

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

Next Call: 9-6-2018 – 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 8-23-18, Paul Jamieson reported:

The ECP revenue service demonstration continued in June and July with the coaches in emulation service only due to overhauls being performed. No emulation faults were reported in this time period.

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Periodic Brake Maintenance:

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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.

Ongoing

Nothing new to report on 8-23-18

AWG/RVACC Update:

On 2-23-18, Melissa provided an update on the FRA/OSU project. She also provided a complete update on the RVAAC effort at the NGEN Annual Meeting on 2-23-18. The presentation is available at www.ngec305.org

No update for 7-26-18

Melissa has reached out to the Access Board for a status on the issuance of the proposed rule but has not received a response as of 7-12-18. When she receives it, she will send it to Steve Hewitt for dissemination to the members of the Technical subcommittee.

Ongoing

Nothing new to report on 8-23-18

Requesting Background educational document: The two-pager educational document is available electronically or by hard copy. Contact Steve Hewitt at shewitt109@aol.com with the number requested and an address to send them to.

Maintaining Industry Participation List: Status: There are currently **247** registered industry participants. Members are asked to review the industry member list and send any corrections – additions – deletions to Steve Hewitt.

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. See agenda item 5, above, for today's update (8-23-18).

Charger Locomotive Update – updates will be provided as warranted.

Document Control Update as of 8-23-18:

Tammy Krause was unavailable, but informed Steve Hewitt in advance that she did not have anything new to report. Momo Tamaoki, Caltrans, asked about the status of the three DCRs submitted on 7-30-18. Steve Hewitt noted Tammy had reported on 8-9-18 that they were received and in process. Charlie King agreed to follow up with Tammy and be sure to let Momo know where they are in the process.

Electronics on Trains Working Group:

On 6-28-18, Tom Sisler provided the following update:

Meeting held on Tuesday 6/26.

Reviewed the DTL Software Specification PRIIA 305-920 Draft and made notes for possible changes.

Requirements specification being created by this group needs reorganization into a first draft which will be distributed to the committee and a round of comments will take place.

Tom Sisler was not available on 8-23-18 – This item was tabled until 9-6-18.

DEF-UREA Update:

DEF supply and usage are reported to be working well in all areas of the country where the Chargers are in use. No issues reported. The one item that is being worked on is the information needed from Amtrak on usage amounts, for invoicing in the Midwest in

relation to the multi-state split.

Ongoing

University of Nebraska presentation on High Speed wireless technology:

Hamid Sharif Kashani reported that the high-speed wireless study effort continues to build simulators for 5G for high-speed wireless on trains. Among other things, they have added different components to address different geographic areas.

Members of the Technical subcommittee are welcome to contact Hamid to provide input into the study.

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Next update: 9-6-18

Metro North Dual Mode Locomotive Procurement 8-23-18:

Ray Hessinger was unavailable for today's call (8-23-18), but informed Steve Hewitt previously that the Metro-North Dual Mode Locomotive RFP is on the street and is available. There have been extensive changes to the PRIIA specification which was used as a baseline. Metro North is considering taking steps to have the changes reviewed and considered by the NGEC. On behalf of Ray, Steve Hewitt reached out to Tammy Krause, Document Control Manager, to provide the steps needed to move forward if that is the way Metro North decides to go.

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Amtrak Equipment Procurement Update:

The RFP for Power and the RFI for passenger cars/trainsets are on the street.

Next Update: 9-6-18

Next call: 9-6-18

Call in number is:

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

ATTACHMENTS



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

PRIIA Section 305 Tech Sub Committee Meeting

August 23, 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 8-9-18 | Charles King |
| 5. Update: Multi-State Rail Car Procurement | Momo Tamaoki |
| 6. Update: Metro-North Dual Mode Locomotive Procurement | Ray Hessinger |
| 7. Update: Document Control | Tammy Krause |
| 8. Update: Electronics on Trains Working Group | Tom Sisler |
| 9. Other issues | All |
| 10. Review this meeting: | Steve Hewitt |
| a) Decisions | |
| b) New Action Items | |

***Technical Sub Committee Conference Call Meeting:
Thursday 8-23-18 / 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 -9-6-18 at 3:00pm Eastern***