

SECTION 305 TECH SUB COMM

MINUTES

NOVEMBER 15,
2018

3:00PM EASTERN

CONFERENCE CALL

FACILITATOR	Charles King, Chair, NGENC Technical Subcommittee
ATTENDEES	Core Team Members: Charlie King, Jeff Gordon, Momo Tamaoki, Allan Paul, Ray Hessinger, Eric Curtit, Art Peterson for Jennifer Bastian, Phil Meraz, Jeff Schultz for Marci Petterson, Mike Murray, Tarek Omar, Michael Burshstin, Duncan Copland, Curtis McDowell, Steve Hewitt, Tammy Krause Industry Members: Richard Stegner, Richard Curtis, Paul Jamieson, Tom LaMano, John Graham, Jack Madden, Bill Slater, Bill Saddler, Glen Rees, Joe Kenas, Josh Coran, Paul Arnone, Donald Sandala
ABSENTEES	Charlie Poltenson, Marci Petterson, Jennifer Bastian, Jason Biggs, Mike Jenkins, Brian Marquis, Byron Comati, Bernard Reynolds, Anand Prabhakaran, Tom Sisler, Melissa Shurland

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 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 **251** 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. 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 11-15-18.

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 he final FRA report s 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 11-15-18 – there was nothing new to report on these two items

University of Nebraska presentation on High Speed wireless technology:

The model is almost complete. The expectation is to have verification complete by the end of this year and that the "tool" will be done. The next step would be field testing and verification of the tool.

Next update: 11-29-18

Metro North Dual Mode Locomotive Procurement as of 10-4-18:

As of 10-4-18, Metro-North is in the middle of the procurement process – it is ongoing. Qualification statements are due to Metro-North and they are in the process of reviewing those statements. Ray Hessinger, NYSDOT, reported that the Department is not directly involved in the procurement and it is technically in lock down, so he is unaware of who has responded. Once this phase is complete, a short list of qualified firms will be developed, and they will be provided with all documentation. There is no date announced for issuing the short list or responses to the RFP by those on the short list.

Next Update: as appropriate since the procurement has entered into what is sometimes referred to as the "cone of silence".

Amtrak Equipment Procurement Update as of 11-1-18:

Amtrak committees are going through the locomotive RFP now, and once they have completed their review, they will make recommendations to the Amtrak Procurement team and the Amtrak Board of Directors. The timeline is as aggressive as it is in order to work around the Amtrak Board's meeting schedule. The Board will meet during the second week of November, and the intent is to have recommendations ready for the Board for that meeting. The Board will not meet again until sometime in January 2019.

The RFP for cars is being put together and they are using the PRIIA specification as the baseline with adjustments based on technology. Charlie anticipates "DCRs will roll through" on those changes.

Next Update: 11-29-18

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.

4. Approval of the Minutes from 11-1-18 – Charlie King, Amtrak:

With a quorum having been confirmed, Charlie King called for a motion to approve the minutes from the 11-1-18 conference call:

A motion to approve was offered by Phil Meraz, Iowa DOT, and was seconded by Allan Paul, NCDOT. With no objections or exceptions forthcoming, the minutes from the 11-1-18 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.*
- *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 and Brakes have been provided to SCOA/Siemens. Trucks and Seats are currently in queue for approval. Remaining actions for Gangway and Interior Doors 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 8 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 queue for passivation. 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 in process and on target for a November completion.*
- *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 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. Document Control Update – Tammy Krause, NGENC DCM:

Tammy Krause provided the following update for inclusion in today's minutes (11-15-18):

The Technical subcommittee has approved 6 DCRs for the Single Level Railcars that have not been approved by the Executive Board yet.

These DCRs are;

003-151 – Lateral Balance

003-174 – HVAC, Base board heater requirement removed

003-175 – HVAC, AW1 passenger load used for calculations

003-176 – HVAC, Airflow rates were modified

003-178 – Cab floor height was modified

003-179 – Structural material requirement was modified in the cab CEM area

These DCRs were submitted to the EB on 11/6 and the EB requested Larry Salci to review as the start of the EB approval process.

Jeff Gordon, FRA, provided an update on the proposed change to the NGENC Document Management Procedures (305-100). Jeff noted that he has completed incorporating proposed changes into the document and has submitted a draft to FRA where it is currently under review. If the FRA approves the draft, he will turn the changes into a DCR which could potentially be reviewed simultaneously with the 6 Technical subcommittee approved DCRs noted by Tammy in her report.

Jeff also alerted Tammy Krause that Caltrans is preparing another DCR which would change the vertical turn radius requirement from 1000 feet to 2000 feet. This change would be one that would impact every NGENC specification as it is included in each of the vehicle specs – so all would need to be updated to include this revision.

7. Update: DEF-UREA – Art Peterson for Jennifer Bastian, IDOT:

Jennifer Bastian was not available for this call, but Art Peterson provided the following brief update:

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.

Charlie King concurred with Art's report, stating that he too has heard that it is running smoothly with no major issues of concern.

8. Update: Electronics on Trains – Tom Sisler, SNC Lavalin:

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

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.

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

Steve Hewitt reminded members that the NGEN 2019 Annual Meeting will be held at the Hyatt Regency, Capitol Hill, Washington, DC on 2-22-19.

The meeting is scheduled to begin with a registration and coffee service at 8:00AM Eastern and will end by 1:00PM Eastern.

A Draft agenda has been developed and will be reviewed by the NGEN Executive Board on its next call (11-20-18). Once approved, generally, the agenda, in DRAFT form, and subject to change, will be sent to all NGEN members for use in making travel plans.

A Block of hotel rooms has been arranged through AASHTO and Steve Hewitt has sent the information to all members of the NGEN. That same information is printed below:

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
American Association of State Highway and Transportation Officials (AASHTO)
444 North Capitol St. NW, Suite 249
Washington, DC 20001
Tel: 202-624-5403
E-mail: khendrickson@aaashto.org

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

10. Other Issues:

With no further business forthcoming for today's call, Charlie King adjourned the meeting at 3:21pm Eastern.

Next Call: 11-29-2018 – 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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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.”

There was no update for 11-15-18

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 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.

There was no update for 11-15-18

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 11-15-18

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.

On 11-15-18, Steve Hewitt reported that the document is now being reviewed by the NGEF Finance and Administrative subcommittee and a slightly updated version will be available at the Annual Meeting.

Maintaining Industry Participation List: Status: There are currently **251** 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.

As of 11-15-18:

- *Of the three critical Cab Car DCRs, two have been approved by the NGEF 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 NGEF rule change. The PRIIA specification text would not be changed.*
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Charger Locomotive Update – updates will be provided as warranted.

Document Control Update – Action items as of 11-15-18:

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These DCRs are;

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Next update – 12-13-18

DEF-UREA Update:

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Next update – as appropriate

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Please feel free to contact me with any questions.

Kamasha

Kamasha Hendrickson, CMP, CGMP

Senior Meeting Planner
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Next call: 11-29-18

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 15, 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 11-1-18 | Charles King |
| 5. Update: Multi-State Rail Car Procurement | Momo Tamaoki |
| 6. Update: Document Control | Tammy Krause |
| 7. Update: DEF-UREA | Art Peterson |
| 8. Update: Electronics on Trains Working Group | Tom Sisler |
| 9. NGEC 2019 Annual Meeting – 2-22-19 – Hyatt Regency Capitol Hill Washington, DC | Steve Hewitt |
| 10. Other issues | All |
| 11. Review this meeting: | Steve Hewitt |
| a) Decisions | |
| b) New Action Items | |

***Technical Sub Committee Conference Call Meeting:
Thursday 11-15-18 / 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 –11-29-18 at 3:00pm Eastern