

SECTION 305 TECH SUB COMM

MINUTES

JUNE 28, 2018

3:00PM EASTERN

CONFERENCE CALL

FACILITATOR	<i>Charles King, Chair, NGEN Technical Subcommittee</i>
ATTENDEES	Core Team Members: Charles King, Momo Tamaoki, Eric Curtit, Curtis McDowell for Allan Paul, Charlie Poltenson, Jennifer Bastian, Phil Meraz, Jeff Schultz for Marci Petterson, Duncan Copland, Larry Salci, Tarek Omar, Art Peterson, Tammy Krause, Dave "Emeritus" Warner, Steve Hewitt, Hamid Sharif Industry Members: Tom Sisler, Hamid Sharif Kashani, Bill Saddler, Martin Bloedt, Darrell Smith, Jack Madden, Rich Stegner, Don Sandala, Wulf Dicke, Al Bieber, James Michel. June Garland, Jon Mullin, Scott Witt
ABSENTEES	<i>George Hull, Marci Petterson, Jeff Gordon, Allan Paul, Jason Biggs, Michael Burshtin, John Bell, Chris Witt, Sal DeAngelo, Brian Marquis, Anand Prabhakaran,</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 of the Meeting Agenda – Charlie King:

Charlie King provided a brief overview of today's meeting agenda.

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 **247** registered industry participants.

Requesting Backgrounder educational document: The 2018 version of the NGEN 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.

As of 6-28-18, Steve has distributed a total of 465 copies (electronic and hard copies).

AWG/RVACC Update:

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

On 5-3-18, Melissa Shurland provided the following update for Steve Hewitt to include in the minutes of the meeting:

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.

Nothing new to report today on RVACC or AWG - 6-28-18.

Updating ECP Standards This is an ongoing item which the Technical subcommittee is tracking – it is anticipated that status updates will take place as activities occur.

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

ECP Status Update

Through April 2018, the revenue service demonstration has accumulated 699,126 ECP miles and 1,874,840 emulation miles for a grand total of 2,573,966 miles. Since January 2018, the ECP mileage is 171,594 miles. Coach cars 82610 and 82629 were removed from revenue service for non-ECP preventive maintenance and some minor updates. These coach cars will be out of service for 4 to 6 weeks. The remaining two coach cars will be undergoing the same maintenance and updates after the first two coach cars are returned. The other coach cars will be operated in emulation mode during the service removal time period.

The 5 members of the ECP technical working group published an ASME paper on the project to date which was a follow up to the 2013 paper.

An ECP project update will be presented at the APTA Rail Conference in Denver. Tentative time slot is Tuesday afternoon June 12th.

The revenue service demonstration period will end during Q4 2018 or Q1 2019 due to the waiver expiration. Currently, Amtrak intends to continue the revenue service operation and accumulate additional time to justify the extended periodic maintenance interval.

Nothing new to report on 6-28-18

Ongoing

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.

Nothing new to report on 6-28-18

Ongoing

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.

Metro North Dual Mode Locomotive Procurement:

As of 6-14-18, Metro North has reviewed the Amtrak RFP and noted that it includes Dual Mode Locomotive. Metro North and Amtrak have shared their dual mode documents with NYSDOT and "we have compared them".

Last week, Amtrak and Metro North met to discuss the differences and areas of common ground to make both procurements as cost effective as possible and bring them in close coordination.

Metro North's RFP has not hit the street yet – and it is looking like late Summer or early Fall.

No update for 6-28-18

University of Nebraska presentation on High Speed wireless technology:

On 6-14-18, Hamid Sharif gave a brief overview of the project which is to study wireless technology in freight and passenger trains – including 4G and 5G for higher speed wireless. He noted that he gave a presentation to the NGEC's Electronics on Trains Working Group.

The intent is to have a complete simulation tool from technology to technology 4G and 5G and to provide a tool for different scenarios.

Next update: 7-12-18

AAR TAG Committee on LED Headlights:

The final report was completed on 5-10-18 and has been shared with the AAR Technical committee members. There was a conference call a week ago. Tarek Omar agreed to share the report with the NGEC's Technical subcommittee. He will provide it to Steve Hewitt following today's call. (6-14-18). Tarek agreed to discuss comments received on the 7-12-18 NGEC Technical subcommittee call.

Next update: 7-12-18

4. Approval of the Minutes from 6-14-18 – Charlie King, Amtrak:

With a quorum having been confirmed, Charlie King called for a motion to approve the minutes from the 6-14-18 conference call:

A motion to approve was offered by Eric Curtit, MODOT, and was seconded by Jennifer Bastian, IDOT. With no objections or exceptions forthcoming, the minutes from the 6-14-18 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:

- *Caltrans is working on the Document Change Requests (DCR) for the cab cars to submit to the NGEC. We are submitting those DCRs in July.*
- *Caltrans visited Televic (communication components vendor) yesterday (June 27) to get more information about what the system can offer. California is really interested in expanding on-board information system in our state-owned fleet.*
- *Testing and Commissioning internal meeting is scheduled for July 10 in Sacramento, CA. After the internal meeting, Caltrans and IDOT will be meeting with Amtrak, FRA, SCOA and Siemens in August to clearly define roles and responsibilities regarding the testing and all logistics and costs associated with it. (i.e. insurance, indemnification, etc.).*
- *The design review meetings took place in the week of June 18. The discussion topics included: the final design review of double sliding step, Seats, lighting system, and communication analog system. We also talked about testing and PRIIA compliance during the design review. Our PRIIA compliance plan was approved by FRA on 6/15.*

6. Update: Charger Locomotive Procurement – Jennifer Bastian, IDOT:

Jennifer Bastian provided the following update:

North County Transit District (NCTD) is responsible for the Coaster commuter rail service between San Diego and Oceanside, CA. The NCTD board approved on June 21, 2018 the purchase of 5 Diesel-electric Charger locomotives from Siemens using the available options from the Multi-State Diesel-electric locomotive procurement. In addition, 4 optional locomotives are foreseen. NCTD evaluated several possibilities for purchasing new Tier 4 passenger locomotives and came to the conclusion, that the Multi-State procurement based on the PRIIA specification was most beneficial.

7. Update: Amtrak Equipment Procurement – Charles King, Amtrak:

Charlie King reported that the RFI for passenger car equipment including trainsets, DMUs etc., was released by Amtrak on 6-27-18. Information on how to access the RFI and the link was provided to all members of the NGEC on 6-27-18 by Steve Hewitt.

Amtrak is proceeding with the RFI to see what responses are received and to determine how they best fit the needs of the Amtrak customers. Thus far, questions are coming in, but mostly of the clarification nature. Charlie noted that he will provide updates to the subcommittee and the NGEC executive Board as he gets them. Right now, Charlie described it as a "feeling out phase".

Asked how many manufacturers attended the 6-2018 meeting, Charlie said he was uncertain – there were many on the phone, but he did not have a count.

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

All the received DCRs have been addressed, the rejected ones have been returned to the originators. The new revision of the Single Level specification will be available next week.

9. Other Issues:

Duncan Copland is requesting volunteers for the Interiors working group from the car builder and seat manufacturer industry segment. He has agreed to hold a conference call to discuss the working group activities and associated responsibilities. The group currently is lacking in industry members with related experience to review document change requests for the passenger rail car specification for the ongoing multi-state railcar procurement.

Steve Hewitt will send out a notice for the date and time of the next Interiors working group call and Duncon's email address:

coplanD@amtrak.com

With no other business forthcoming for today's call, Charlie King adjourned the meeting at 3:19pm Eastern.

Next Call: 7-12-2018 – 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.

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review and then be published in the Federal Register later this year.

No update for 6-28-18

Ongoing

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 NGEC Annual Meeting on 2-23-18. The presentation is available at www.ngec305.org

On 5-17-18, Melissa reported that there were no new updates on these items.

No update for 6-28-18

Ongoing

Requesting Background educational document: The new updated two-pager was released on 2-23-18 and is available electronically or by hard copy. For hard copies contact Steve Hewitt at shewitt109@aol.com with the number requested and an address to send them to. As of 6-14-18, Steve has distributed a total of 465 copies (electronic and hard copies).

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Next update: 7-12-18

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 (6-28-18).

Charger Locomotive Update – See agenda item 6 for the latest update. (6-28-18)

Document Control Update as of 6-14-18:

All the received DCRs have been addressed, the rejected ones have been returned to the originators. The new revision of the Single Level specification will be available next week.

Electronics on Trains Working Group:

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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:

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Next call: 7-12-18

Call in number is:

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

ATTACHMENTS



PRIIA Section 305 Tech Sub Committee Meeting

June 28, 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 6-14-18 | Charles King |
| 5. Update: Multi-State Rail Car Procurement | Momo Tamaoki |
| 6. Update: Locomotive Procurement | Jennifer Bastian |
| 7. Update: Amtrak Equipment Procurement | Charles King |
| 8. Document Control Update | Tammy Krause |
| 9. Other issues | All |
| 10. Review this meeting: | Steve Hewitt |
| a) Decisions | |
| b) New Action Items | |

Technical Sub Committee Conference Call Meeting:
Thursday 6-28-18 / 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 –7-12-18 at 3:00pm Eastern