

# SECTION 305 TECH SUB COMM

MINUTES

DECEMBER 14,  
2017

3:00PM EASTERN

CONFERENCE CALL

<b>FACILITATOR</b>	<i>Charles King, Chair, NGENC Technical Subcommittee</i>
<b>ATTENDEES</b>	<b>Core Team Members:</b> <i>Charlie King, Jeff Gordon, Allan Paul, Charlie Poltenson, Jeff Schultz for Marci Patterson, Momo Tamaoki, Phil Meraz, Jennifer Bastian, Eric Curtit, Tammy Krause, Michael Burshtin, Steve Hewitt, Tarek Omar, Art Peterson</i> <b>Industry Members:</b> <i>Tom Sisler, Jack Madden, Bill Saddler, Dick Bruss, Richard Curtis, Ken Kuriyama, Al Engel, James Michel, Wulf Dicke, Steve Morrison, Mario Bergeron, Tom LaMano, Glen Rees, Walt Stringer</i>
<b>ABSENTEES</b>	<i>George Hull, Jason Biggs, Marci Petterson, Andrew Wood, Jonathan Hines, Jay Gilfillan, Devin Rouse, Charles Bielitz, Michael Coltman, Brian Marquis, Sal DeAngelo, Anand Prabhakaran, Curtis McDowell, Melissa Shurland</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, 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](mailto:shewitt109@aol.com)**

**2.**

**Review of the Meeting Agenda:**

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

Charlie reported that Amtrak will be changing its phone system, and the current call in number will no longer be functional. After a brief discussion, it was agreed that the Technical subcommittee will use the NGENC call in number. Steve Hewitt will send a calendar notice with the new number to all members and will include it in today's minutes (see below):

**The number will be: 888 585-9008 access #: 559-120-127**

**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 **238** registered industry participants. Steve Hewitt has updated the industry list with the information at hand, but continues to seek input from members regarding any additional updates or changes they may be aware of.

**Requesting Backgrounder educational document:** Copies remain available, and subcommittee members (core team and industry) who would like a hard copy (copies) should contact Steve at [shewitt109@aol.com](mailto:shewitt109@aol.com) with the number requested and an address to send them to.

As of 12-13-17, the Finance and Administrative Subcommittee continues its review of a proposed update of the educational document.

The intent is to have the document printed and ready for distribution at the NGENC Annual Meeting in Washington, DC on 2-23-18.

**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 11-2-17, Paul Jamieson provided the following update for inclusion in the minutes:

*"The revenue service demonstration test train has accumulated 407,976 operating miles in ECP mode and 1,731,883 operating miles in Emulation mode. Total train mileage to date is 2,139,859 miles since the project started in June 2014. The train did not operate in ECP due to a damaged display screen which is not an ECP fault.*

*The test committee met on October 31, 2017. The test committee approved the FRA interim report and continuation of the revenue service demonstration at least until June of 2018. The FRA interim report will be submitted under the waiver.*

*The updated CFR draft language was presented to the RSAC ETF meeting on October 12, 2017. The draft language is currently under review by FRA counsel to incorporate into NPRM2. The RASC ETF will review the NPRM2 language prior to publication."*

No update reported 12-14-17.

#### **AWG/RVACC Update:**

AWG: On 11-2-17, Melissa Shurland, FRA, reported that FRA is working with Volpe and Oregon State University (OSU) on a white paper using prior research as the basis, and using knowledge of determinations on wide seating and wheelchair accessibility. Using existing research is saving funding for potential new research after completion of the white paper.

Asked if the Interiors working group should be briefed on the white paper and potential changes, Melissa responded that the white paper will align with what has been discussed previously in the AWG regarding able body row to row seating and should not impact interiors on the single level or bi-level cars. She said she would be happy to brief the members of the Interiors group.

No AWG update to report on 12-14-17.

#### **RVACC – 12-14-17 Update:**

Melissa Shurland was unavailable for today's (12-14-17) vcall but provided the following update regarding RVACC:

*I will be in Dallas for an AAR meeting on Dec 14, 2017. I wanted to inform the Committee that a NPRM for the "Americans With Disabilities Act (ADA) Accessibility Guidelines for Transportation Vehicles; Rail Vehicles" will be published sometime in May 2018. I am forwarding a link to the US Access Board agenda. [unified agenda](#). I will keep checking the site and update the committee if changes are made.*

#### **4.**

##### **Approval of the Minutes from 11-30-17 – Charlie King, Amtrak:**

With a quorum having been confirmed, Charlie King called for a motion to approve the minutes from the 11-30-17 conference call:

On a motion offered by Phil Meraz, Iowa DOT, and seconded by Charlie Poltenson, NYSDOT, the minutes from the 11-30-17 conference call were approved as presented.

#### **5.**

##### **Update: Diesel-electric Locomotive Procurement – Jennifer Bastian, IDOT:**

Jennifer Bastian, IDOT, provided the following update for inclusion in today's (12-14-17) minutes:

*a) Of the 33-unit IDOT locomotive order, 31 locomotives have been conditionally accepted and 29 have been finally accepted. Conditional and final acceptance for the remaining units are in progress.*

*c) 110 mph hour testing in MI and the Chicago/St. Louis line is scheduled with Amtrak for January 8<sup>th</sup>. We are able to do the testing during a time when UP will turn off cab signal in that territory.*

*d) Seventeen Chargers are currently in the Midwest. Four more are arriving this week. Two more units are scheduled to ship the first week of Jan.*

e) *The locomotives stored at TTCI will ship to Chicago, as soon as storage space becomes available. Storage space in Chicago is being freed-up with the re-deployment of P-42 locomotives by Amtrak.*

f) *WSDOT Units are operating in revenue service.*

g) *Caltrans Locomotives are operating in revenue service.*

h) *The Failure Review Board is established, with all JPE's included and Siemens. Amtrak representatives are participating in the meetings.*

i) *Recurring bi-weekly warranty meetings with the JPEs are also being held by Siemens.*

## **6.**

### **Update: Multi State Car Procurement – Momo Tamaoki, Caltrans:**

Momo Tamaoki, Caltrans, provided the following update for inclusion in today's (12-14-17) minutes:

- *SCOA/Siemens submitted early CDRLs such as project management plan, engineering plan, and monthly progress format to Caltrans on time. Caltrans IDOT compiled our comments and they will be sent on 12/15/2017.*
- *Detailed Master Schedule will be submitted by SCOA/Siemens by 1/5/2018.*
- *The design Familiarization Meetings will be held in the week of 12/18. We will review Toilet System, Carshell, Safety Appliance, DCRs.*
- *Working with Amtrak to start reviewing the shipping and testing and other pre-revenue items.*
- *We are still estimating that production of the railcars will begin in summer of 2018.*

## **7.**

### **Document Control Update - Tammy Krause:**

Tammy Krause provided the following update for inclusion in today's (12-14-17) minutes:

*I have little to update on Document Control Activities. Presently I am waiting on the single level DCRs that are currently being developed by California. As soon as I have them they will be divided up and sent to the appropriate workgroups.*

*Some of you may have heard that I will be leaving Amtrak as of the end of December. We will be transitioning the Document Control process in the upcoming month. In the meantime, I suggest that any DCRs should be sent to Steve Hewitt until we have a new Document Control Manager. I intend to stay involved with PRIIA and I will continue to be on the phone calls.*

## **8.**

### **Progress Report – Electronics on Trains Working Group – Tom Sisler, SNC-Lavalin:**

Working Group Chair, Tom Sisler, provided the following update for inclusion in today's (12-14-17) minutes:

1. *OSG made a presentation on their ScreenEX product line.*
  - a. *Sandwich screen between layers of glass to make use of glass structures such as windows and windscreens. 8 mm air gap needed. Can be viewable on both sides and can have touchscreen capability.*
  - b. *Protected from vandalism and easy to clean.*
  - c. *Mounting is simplified – window or windscreen requires a connector. Adds 2.5 kg per screen.*
  - d. *Can be integrated with Passenger Information systems provided by others via the car network.*
  - e. *Can be mounted in side windows and are working on a US installation which will meet FRA requirements. Service proven overseas.*
2. *Working with Melissa Shurland to get Sharma and/or University of Nebraska to assist committee with technical issues.*
3. *Other actions still being worked on.*

Allan Paul, NCDOT, commented that NCDOT has been working with OSG and transitioning 1&2 glass to the Virginia plant.

**9.  
NGEC 2018 Annual Meeting – Steve Hewitt:**

The NGEC Annual Meeting will take place at the Washington Court Hotel, Washington, DC on 2-23-18 from 8:30-2:00PM Eastern. A draft agenda has been developed and is under review by Chairman Curtit. It will be discussed on the next Board call (12-19-17) and should be made available – as a DRAFT- soon for use in obtaining travel approvals.

Registration information will be sent out as soon as AASHTO has provided it to me.

**10.  
Other Issues:**

Jack Madden, formerly of NYSDOT, and past chair of the NGEC Locomotive Working Group, commented on the fact the Metro North Railroad is proceeding with a Dual Mode (DC 3<sup>rd</sup> Rail) Locomotive RFP and will be using the PRIIA specification as the base spec. Metro North is also coordinating with NYSDOT to ensure their needs for intercity passenger rail are included in the RFP even though NYSDOT has not obtained funding yet.

Jack added that the lead for the Metro North procurement was referred to him by Tammy Krause as he was involved with developing the PRIIA spec and the requirements document. Jack noted that this is all a positive sign in that another agency is utilizing a PRIIA specification.

Tammy Krause added that she has been working with Metro North to make sure that any updates to the specification will go through the PRIIA process to maintain compliance with the NGEC requirements.

With no other issues forthcoming, Chairman King adjourned today's call at 3:23PM Eastern and wished all members a safe and happy holiday season.

**Note: Due to the holiday season and schedule conflicts the 12-28-17 conference call is canceled. The next call will take place on 1-11-18.**

**Next Call: 1-11-2018 – 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.

Update as of 12-13-17 (as reported on 11-2-17):

*"The revenue service demonstration test train has accumulated 407,976 operating miles in ECP mode and 1,731,883 operating miles in Emulation mode. Total train mileage to date is 2,139,859 miles since the project started in June 2014. The train did not operate in ECP due to a damaged display screen which is not an ECP fault.*

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RVACC update as of 12-14-17:

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**Maintaining Industry Participation List: Status:** There are currently around **238** registered industry participants.

**AAR Committee:** Ongoing – Relevant updates are provided once a month.

**TAG committee on LED Headlights** – Tarek Omar reported that the testing began on 11-27-17 and all is going well and smooth so far. He anticipates the testing could be done as soon as tomorrow (12-1-17). At that point the data will be looked at a report will be put together.

Next update 1-11-18.

**Procurement Updates:**

**Diesel-Electric Locomotive Procurement:** Progress reports from the lead state on the PRIIA multi-state locomotive procurement is provided on each technical subcommittee call. See item 5, above, for today's update (12-14-17).

**Multi-State Car Procurement - Caltrans (Lead State):** Progress reports from the lead state will be provided on each subcommittee call. See agenda item 6, above, for today's update (12-14-17).

**Document Control Update as of 12-14-17:**

Update from Tammy Krause 12-14-17: *Presently I am waiting on the single level DCRs that are currently being developed by California. As soon as I have them they will be divided up and sent to the appropriate workgroups.*

*Some of you may have heard that I will be leaving Amtrak as of the end of December. We will be transitioning the Document Control process in the upcoming month. In the meantime, I suggest that any DCRs should be sent to Steve Hewitt until we have a new Document Control Manager. I intend to stay involved with PRIIA and I will continue to be on the phone calls.*

**Electronics on Trains Working Group:** the working group continues to meet bi-weekly. (See report under agenda item 8a and b).

Next update 1-11-18

**DEF-UREA Update:** On 10-5-17, Mario Bergeron suggested that it was time to get an update on the DEF-UREA as it has been a while and it would be good to hear how the implementation is going.

On 11-2-17, Jennifer Bastian, IDOT, provided the following update/DEF recap for inclusion in the minutes of the call:

- a) *Locomotives have been in operation in five different states and DEF supply contracts are in place*
- b) *Amtrak has established processes for DEF procurement and handling.*
- c) *Midwest fill points are currently Chicago and Milwaukee. Truck based delivery is in place. Contracts are in place. Supply is going well, no problems reported.*
- d) *WSDOT supply chain is set up and ready to run.*
- e) *Fill point is set up in Oakland for Caltrans. The contracts are in place to add another fill point in LA. Caltrans has placed a storage container at the site in Oakland, and is doing some initial research into a more permanent storage container/building.*
- f) *Plan is to gather usage data from the Chargers for next year and re-evaluate supply once we have more data.*

Nothing new to report on 12-14-17.

**2018 NGEN Annual Meeting:**

The NGEN Annual Meeting will take place at the Washington Court Hotel, Washington, DC on 2-23-18 from 8:30-2:00PM Eastern. A draft agenda has been developed and is under review by Chairman Curtit. It will be discussed on the next Board call (12-19-17) and should be made available – as a DRAFT- soon for use in obtaining travel approvals.

Registration information will be sent out as soon as AASHTO has provided it to me.

A calendar notice will be sent out to all NGEN members by Steve Hewitt.

**Call in number change: Effective 1-11-18 the Technical subcommittee call in number will be:**

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

**ATTACHMENTS**



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

**PRIIA Section 305 Tech Sub Committee Meeting**

**December 14, 2017**

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 11-30-17                        | Charles King     |
| 5. Update: Diesel-Electric Locomotive Procurement       | Jennifer Bastian |
| 6. Update: Multi-State Rail Car Procurement             | Momo Tamaoki     |
| 7. Document Control Update                              | Tammy Krause     |
| 8. Progress Report: Electronics on Trains Working Group | Tom Sisler       |
| a. Working Group bi-weekly update                       |                  |
| b. Screenex presentation de-brief                       |                  |
| 9. NGEN 2018 Annual Meeting - Washington, DC -2-23-18   | Steve Hewitt     |
| 10. Other issues  | All              |

11. Review this meeting:

Steve Hewitt

- a) Decisions
- b) New Action Items

***Next Call –1-11-18 at 3:00pm Eastern***

**New Call in number effective 1-11-18:  
888 585-9008 access #: 559-120-127**