

SECTION 305 TECH SUB COMM

MINUTES

JANUARY 24, 2019 3:00PM EASTERN

CONFERENCE CALL

FACILITATOR	<i>Charles King, Chair, NGENC Technical Subcommittee</i>
ATTENDEES	Core Team Members: <i>Charlie King, Momo Tamaoki, Allan Paul, John Bell for Ray Hessinger, Jeff Schultz for Marci Petterson, Phil Meraz, Eric Curtit, Jennifer Bastian, Art Peterson, Curtis McDowell, Duncan Copland, Steve Hewitt, Larry Salci, Tammy Krause, Industry Members:</i> <i>Paul Jamieson, Dick Bruss, Ray Ginnell, Tom Lamano, Glen Rees, Richard Curtis, Darrell Smith, Kevin Myles, Paul Arnone, Donald Sandala, Martin Bloedt, Adam Saplin, Richard Stegner, Jon Mullin. Joe Kenas, Jack Madden</i>
ABSENTEES	<i>Ray Hessinger, Jason Biggs, Mike Jenkins, Brian Marquis, Byron Comati, Bernard Reynolds, Harry Garforth, Anand Prabhakaran, Charlie Poltenson, Jeff Gordon, Mike Murray, Melissa Shurland, Tarek Omar, Tom Sisler</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 could not be confirmed due to the absence of representation from FRA. (This was due to the lapse in funding – partial government shutdown).

It was agreed that the meeting would proceed, but no votes would be taken.

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:

Status of action items that were not to be specifically covered on the agenda:

Maintaining Industry Participation List: Currently, there are 204 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. Changes to the document have been recommended by the NGENC Finance and Administrative subcommittee and the Executive Board is now reviewing those changes. An updated version of the document is anticipated to be available at the Annual Meeting on 2-22-19.

AWG/RVACC Update:

There was no update provided on 1-24-19.

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

On 1-10-19, Paul Jamieson provided the following update for inclusion in the minutes:

The eight APTA PRESS ECP standards have completed the public comment period without any comments being received. The standards will now be subject to the PRESS Policy and Planning Committee review to assure that all the requirements for publication have been satisfied. The standards will be released after the review is completed. Notification will be provided when the standards are available on the APTA website.

No update for 1-24-19

Update: AAR TAG Committee on Headlights – Phase 2:

On 1-24-19, Eric Sherrock, ENSCO, provided the following update on the LED light testing Phase II. ENSCO is supporting the FRA Office Research, Development and Technology and AAR on this effort. Steve Hewitt read them into the record:

Phase 2 focused on subjective static field testing of LED lights that were deemed eligible for consideration following Phase 1 laboratory-based testing. Phase 2 field testing was successfully completed in October at the Monticello Railway Museum in Monticello, IL. Test personnel are in the process of analyzing and documenting the test results. These should be available in Q1 of 2019. FRA is working with AAR to arrange for Phase 3 testing of the locomotive LED lights in early 2019.

Amtrak Equipment Procurement 1-10-19:

Locomotive Procurement:

Amtrak has announced that the bid award for the replacement P42s and P40s has been given to Siemens to build the Charger product. There is no delivery date as of yet. The initial order is for 75 locomotives with options for more as necessary.

Car Procurement:

The car RFP – it is being made ready to be sent out. It will be a trainset RFP to set the stage with other states for a next generation of moving people by rail.

Next update – 2-7-19

University of Nebraska High Speed wireless study:

On 1-10-19, Hamid Sharif-Kashani reported that they have been working on modeling and simulation to evaluate data traffic and wireless technology for high speed. The modeling tool is complete and is being evaluated for different scenarios.

The next phase is testing and evaluating in the field vs. simulation tools.

On 1-10-19, asked by Steve Hewitt if Hamid still wanted to give a presentation along with Tarek Omar, FRA, at the NGEC Annual Meeting on 2-22-19, as requested, Hamid responded that he would check and get back to Steve. Steve noted that it is on the current DRAFT agenda, as a placeholder.

Since the last call (1-10-19) Hamid has informed Steve Hewitt that he has a schedule conflict and will not be able to present at the NGEC Annual Meeting. This item has been removed from the DRAFT agenda. Steve Hewitt will work with Hamid and Chairman Curtit to possibly provide time on an upcoming Board call for a brief overview of the study.

4. Approval of the Minutes from 12-13-18 and 1-10-19 – Charlie King, Amtrak:

Due to the lack of a quorum, Charlie King tabled consideration of approval of the DRAFT minutes from the 12-13-18 and 1-10-19 conference calls until the next call or the next time that a quorum can be confirmed.

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 has been withdrawn. Caltrans discussed issues with Charlie and Eric, and both are aware of our request to withdraw. A DCR regarding the PRIIA vertical curve requirements has been submitted to NGENC. DCRs for HVAC testing are in work to align the PRIIA testing section with the system requirements section.*
- *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, Trucks, Exterior Doors, Interior Doors, Gangway and Brakes have been provided to SCOA/Siemens. Actions for Analog Communication System are complete with closure and 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. Virtual 3D mockups were presented to Caltrans and IDOT to showcase updates to the vestibule area including the End Doors and Trap Doors.*
- *The first 12 carshells are in production at Siemens Sacramento Facility and final assembly has begun on Carshell #1. Carshell #2 was presented for inspection, initial issues were re-worked and the carshell was accepted after re-inspection. Passivation rework is complete on Carshell #3 and carshell is in storage. Carshell #4 Car shell remains in storage pending scheduling for rework to passivated surfaces. Carshell #5 has completed passivation and carshells 5 through 10 are in various stages of weld and integration. The expansion of the Sacramento production facility is structurally complete and being equipped with cranes and fixtures.*
- *Caltrans met with the ADA community on January 15 to present updates to the Café Car and Cab concepts and discuss the placement of the accessible toilet rooms. A meeting with the Midwest ADA community is in planning.*
- *The FAI process is underway and FAIs have occurred for the Carshell Complete, Digital Communication System, Lighting System, Couplers, Sanitary System, Sidewall Lining, FRP Panels, Brake System, Interior Doors, Truck Frame, 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 and High Floor Door Panel is to be conducted in early February. The HVAC, Full Truck, Sliding Step, Seats, Electrical Cabinet and Window FAI's are also scheduled for February.*

Duncan Copland agreed to review the single level Café Car layout, as requested by IDOT and Caltrans, and provide a response by COB 1-25-19.

6.

Status Update: Metro-North Dual Mode Locomotive RFP – John Bell for Ray Hessinger, NYSDOT:

John Bell, NYSDOT, provided the following update for inclusion in today's minutes (1-24-19):

Due date for prequalification statements has been revised to 1/29/19. Amtrak has submitted a draft of their Amtrak-specific modifications to the MNR spec to NYSDOT for review on 1/16.

7.

Document Control Update – Tammy Krause, NGENC DCM:

Tammy Krause provided the following update for inclusion in today's minutes (1-24-19):

There were four outstanding DCRs and one drawing for the Single level Specification. One of the DCRs 003-0177 has been withdrawn; two of the DCRs, 003-0178 and 003-0179 are waiting approval by the Executive Board and DCR 003-180 is currently under review by the VTI group. The drawing is waiting until it can be approved by the Technical Subcommittee. The 92 trainset DCRs are still with the working groups.

The government shutdown has impacted the adjudication of several of these DCRs as the team leaders of two of the Technical working groups are federal government employees impacted by the shutdown.

Larry Salci reported that he is about finished with the Review Panel Report on the DCRs previously approved by the Technical subcommittee and expects to have the DRAFT report completed sometime next week (the week of 1-28-19). Steve Hewitt will distribute it to all Review Panel members once it is completed, but no vote will be taken until the FRA is back to work and able to participate in the review.

8.

Update: Electronics on Trains – Tom Sisler:

Tom Sisler was unavailable for this call, but provided the following update for the record:

We just distributed a new draft of our requirements specification for the working group to review for our meeting next month (February 2019).

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

- a. Registering for the meeting:

In order to be registered for the NGECE meeting, please send an email separately to Steve Hewitt at shewitt109@aol.com. There is no registration fee for the NGECE meeting. Registering with Steve is important for head count and for printing name badges and putting together meeting packets. There are 48 registered for the meeting as of 1-24-19.

The DRAFT agenda has been distributed to all NGECE members, subject to changes – mostly finalizing speakers and possibly the order, but, in general, it is set and it will take place beginning at 8:00am (registration/name badges etc.) and end by 1:00PM.

- b. Room Block info - the room block cut off date is **2-5-19**.

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

Attendees have until February 5, 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

Steve Hewitt responded to a question from Momo Tamaoki, Caltrans, about the annual meeting agenda item which calls for Caltrans, IDOT, Washington State and Amtrak to provide an update on how the Charger Locomotive is doing – challenges and successes. Momo was asking if the presentation was to be individual or all as one. Steve noted that the intent was to have each of the 4 speakers provide a brief report on their experiences with the Charger now that it has been in service for some time.

10. Other Issues:

With no further business forthcoming for today's call, Charlie King adjourned the meeting at 3:25pm Eastern.

Next Call: 2-7-2019– 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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No new update for 1-24-19

AWG/RVACC Update:

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anticipated to be available at the Annual Meeting on 2-22-19.

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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 1-24-19:

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Electronics on Trains Working Group:

Tom Sisler was unavailable for this call, but provided the following update for the record:

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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:

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Next update – 2-7-19

10.**NGEC 2019 Annual Meeting – 2-22-19 Hyatt Regency Capitol Hill Washington, DC – as of 1-24-19:****a. Registering for the meeting:**

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Next call: 2-7-19

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

January 24, 2019

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 12-13-18, 1-10-19 | Charles King |
| 5. Update: Multi-State Rail Car Procurement | Momo Tamaoki |
| 6. Status Update: Metro-North Dual Mode Locomotive RFP | Ray Hessinger |
| 7. Update: Document Control | Tammy Krause |
| 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 1-24-19 / 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 -2-7-19 at 3:00pm Eastern***