

SECTION 305 TECH SUB COMM

MINUTES

JANUARY 25, 2018 3:00PM EASTERN

CONFERENCE CALL

FACILITATOR	<i>Charles King, Chair, NGENC Technical Subcommittee</i>
ATTENDEES	Core Team Members: <i>Charlie King, Jeff Gordon, Momo Tamaoki, Allan Paul, Jeff Schultz for Marci Patterson, Jennifer Bastian, Eric Curtit, Phil Meraz, Jason Biggs, Curtis McDowell, Michael Burshtin, Andrew Wood, Steve Hewitt, Tarek Omar, Sal DeAngelo, Melissa Shurland, Larry Salci</i> Industry Members: <i>James Michel, Bill Saddler, Bill Slater, Dick Bruss, Hamid-Sharif, Rich Stegner, Darrell Smith, Steve Morrison, Pat Sheeran, Joe Diliello, Richard Curtis, Ken Kuriyami, Al Bieber, Jack Madden</i>
ABSENTEES	<i>George Hull, Charlie Peterson, Marci Petterson, Art Peterson, 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:

Chairman 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 **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 with the number requested and an address to send them to.

The NGENC Executive Board is in the process of finalizing an updated two-page educational document to better accentuate the Results produced by the efforts of the Committee.

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 1-25-18.

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 1-25-18.

RVACC – 12-14-17 Update:

Melissa Shurland, on 12-14-17, 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.

No update – 1-25-18.

4.

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

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

On a motion offered by Jennifer Bastian, IDOT, and seconded by Eric Curtit, Missouri DOT, the minutes from the 1-11-18 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 (1-25-18) minutes:

- a) *Of the 33-unit IDOT locomotive order, all 33 have been conditionally and finally accepted with Siemens.*
- b) *110 mph hour testing in MI and the Chicago/St. Louis line completed and the reports have been sent to Amtrak to forward on to the FRA*
- c) *238.111a testing still needs to be completed on two Michigan corridors pending resolution of equipment and testing issues*
- d) *Twenty-One Chargers are currently in the Midwest.*
- 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.*

Allan Paul, NCDOT, asked Jennifer about snow ingestion issues experienced on the Chargers.

Jennifer responded that Siemens was working on remedies to the issue and is implementing software changes. She believes the issue is resolved but will not know for sure until further testing is done.

Charlie King commented that he was meeting in DC tomorrow with Siemens on similar issues including snow ingestion and was certain the problem will get resolved.

6.

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

Momo Tamaoki, Caltrans, provided the following update for inclusion in today's (1-25-18) minutes:

- *SCOA/Siemens have been submitting CDRLs on time. Caltrans/IDOT have been reviewing them and providing our comments back to them to finalize. Engineering Plan was a bit of a challenge, but we resolved all the open issues and they are working on the revision.*
- *Detailed Master Schedule was submitted by SCOA/Siemens by 1/5/2018. Caltrans and IDOT had a meeting with SCOA/Siemens to go over the schedule in detail on 1/18/2018. Both Caltrans and IDOT schedulers were satisfied with the schedule and we'll approve as noted.*
- *The design review meetings took place last week at Siemens Sacramento Facility. The discussion topics are exterior doors, gap filler and double sliding steps, trucks and Clearance. So far, the discussions and review have been going really well.*
- *Based on the discussions we are having at the design review meeting, we have been developing and submitting DCRs to Michael. We have submitted three DCRs in December. And two more (air brake valve control & Seat spacing/mounting locations) will be submitted by the end of January.*
- *Meeting with Amtrak (Mike Trosino) to review some of the truck and clearance questions that came up during the design review meeting. The meeting is scheduled for February 22.*

7.

Document Control Update – Michael Burshtin, Amtrak:

Michael Burshtin, Amtrak, provided the following Document Control Update for inclusion in today's minutes (1-25-18):

I have received three single-level Document Change Requests since the end of December, which I have sent to the appropriate workgroups. One has been approved with revisions by its workgroup, and the other two are expected to complete the review process by the end of next week (committee member overseas travel has slowed the process). I have been advised that approximately three more single-level DCRs are expected to be submitted next week. Please send your DCR forms to burshtm@amtrak.com for processing. I can also be reached at 215-349-1776.

8.

Progress Report – Electronics on Trains Working Group:

Working Group Chair, Tom Sisler, was unavailable for today's call and this item was tabled until 2-8-18.

9.

NGEC 2018 Annual Meeting 2-23-18– Steve Hewitt:

Steve Hewitt provided a brief overview of the 2018 NGEC Annual Meeting which will take place at the Washington Court Hotel in Washington, DC on 2-23-18 from 8:30AM-2:00PM Eastern. This will be the NGEC's 8th Annual Meeting. All NGEC members – including industry participants are welcome. The meeting is a great opportunity

for information sharing and for networking. Attendance at the meeting is usually around 70. There is no registration fee for it. Currently there are 54 registered attendees.

If you plan to attend, please let Steve Hewitt know, via email to shewitt109@aol.com so that he can provide the meeting planner with the correct head count and names for printing badges for the meeting. Please do this asap, or, at the latest by **COB 2-9-18**.

Hotel Room Block/Registration information:

The Washington Court Hotel
525 New Jersey Avenue, NW
Washington, DC 20001
202.628.2100 | washingtoncourthotel.com

The Washington Court Hotel is a short walk to Union Station, the Capitol Building, the Capitol One Arena and the National Mall.

Cut-off Date: Monday, January 29, 2018 and there will be no extension.

Group Rate: \$219 plus 14.5% sales tax per night will be available until **Monday, January 29, 2018** or until the block becomes full, whichever comes first. We encourage you to reserve your room early as the block may fill before the cut-off date of January 29, 2018.

Deposit Required: A deposit equal to your first night's stay plus tax will be charged at the time of your reservation. Upon check-in this deposit will be applied towards your bill. This deposit is fully refundable if cancellation is received 72 hours prior to your scheduled arrival date. No-shows or reservations cancelled within 72 hours prior to arrival will be billed for the first night stay.

DRAFT Agenda as of 1-25-18:

**PRIIA Section 305 Next Generation Corridor Equipment Pool Committee (NGEC)
8th Annual Meeting
February 23, 2018
8:30am – 2:00 pm EST
Washington Court Hotel, Washington DC**

DRAFT Agenda

8:00 - 8:25 am	Registration
8:25 – 8:30 am	Hotel Safety Briefing –Hotel Representative
8:30 – 8:35 am	Convene Annual Meeting: Eric Curtit, Missouri DOT, NGEC Chair
8:35 - 8:40 am	Self introductions
8:40 – 8:45 am	Roll call – establish the presence of a quorum: Steve Hewitt, NGEC Program Manager
8:45 – 8:50 am	Review Meeting Agenda: Eric Curtit Review Meeting Packets: Steve Hewitt
8:50 – 8:55 am	Approval of the Minutes from the February 13, 2018 Executive Board conference call
8:55 – 9:10 am	NGEC Chairman’s Report: Eric Curtit
9:10 - 9:25 am	Update from The Federal Railroad Administration- Michael Lestingi, FRA
9:25 – 9:40 am	Update from Amtrak Government Affairs – Caroline Decker, Amtrak
9:40 - 10:10 am	Progress Report: Technical Subcommittee: Charlie King, Amtrak
10:10 – 10:20 am	Accessibility/RVACC Update – Melissa Shurland, FRA
10:20 – 10:30 am	Break

10:30 – 11:10 am	Status Update: NGEC Multi-State Equipment Procurements a. Diesel-Electric Locomotives: John Oimoen, IDOT b. Multi-State Single Level Cars: Caltrans
11:10 – 11:20 am	Progress Report: Section 6 – Mid-West States: John Oimoen, IDOT
11:20 – 11:30 am	Progress Report – Equipment Acquisition and Ownership Best Practices Working Group – Eric Curtit
11:30 – 11:55 am	Treasurer’s Report & Finance & Administrative Subcommittee update: Tim Ziethen, Amtrak
11:55 - Noon	Consideration of Acceptance of the Treasurer’s Report – Eric Curtit
Noon – 1:00 pm	Lunch (on your own)
1:00 - 1:05pm	Re-convene the meeting: Eric Curtit Confirm the presence of a quorum – Steve Hewitt
1:05 – 1:10 pm	Report from the Nominating Committee – Eric Curtit
1:10 – 1:15 pm	Election of NGEC Board Members and NGEC Executive Board Officers
1:15 – 1:25 pm	NGEC – A look Ahead – Chairman-elect
1:25 – 1:35 pm	Questions/Comments: All Attendees
1:35 – 1:45 pm	Other Issues: All
1:45 – 1:55 pm	Meeting Summary/Action Items Review: Steve Hewitt
1:55 – 2:00 pm	Closing Comments: Chairman
2:00 pm	Adjourn

10.

Other Issues:

Charlie King provided a brief overview of the restructuring that has been taking place in Amtrak. Among the changes is the fact that Wick Moorman has retired as Co-CEO at Amtrak, and Richard Anderson officially took over as CEO on 1-1-18.

As part of the restructuring VCIPs were offered and Tammy Krause was one of those who took it. Charlie noted that Michael Burshtin, Amtrak, has stepped in to fill the RCC role for the NGEC, previously held by Tammy. Michael will take on these responsibilities temporarily until things can be worked out for a more permanent solution.

All field, yard, and terminal responsibilities now reside within the Amtrak Mechanical department. Additional changes have been made including the back shops reporting through the Deputy CMO in Chicago.

Charlie emphasized that Amtrak is here to support the states and to continue to maintain and improve the partnership. Charlie added that states and/or industry members should feel free to reach out to him if they have any questions or need assistance or they can also reach out to Michael Burshtin.

Charlie encouraged NGEC members to attend the Annual Meeting in Washington, DC on 2-23-18, and re-enforced Steve Hewitt’s comments on the meeting being an opportunity to network as well as share information.

With no other business forthcoming for today’s call, Charlie adjourned the meeting at 3:27pm Eastern.

Next Call: 2-8-2018 – 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 1-25-18 (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.

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."

AWG and RVACC Update:

AWG: Melissa Shurland, 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.

RVACC update as of 1-25-18:

The Committee that the a NPRM for the "Americans With Disabilities Act (ADA) Accessibility Guidelines for Transportation Vehicles; Rail Vehicles" will be published sometime in May 2018. Melissa Shurland forwarded a link to the US Access Board agenda. [unified agenda](#).

Requesting Background 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 with the number requested and an address to send them to.

The NGEN Executive Board is in the process of finalizing an updated two-page educational document to better accentuate the Results produced by the efforts of the Committee.

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

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

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

On 1-11-18, Tarek Omar, FRA, provided the following update on the LED Headlights Testing as received from the vendor:

- *All samples have been received at the lab.*
- *Those that require a resistor or some special treatment to achieve the "dim" setting have been worked out with the supplier.*
- *Tests have been completed on several samples.*
- *The next update report on the 15th should contain some testing photos and testing results.*

Next update: 2-8-18

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 (1-25-18).

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 (1-25-18).

Michael Burshtin, Amtrak, provided the following Document Control Update for inclusion in today's minutes (1-25 -18):

I have received three single-level Document Change Requests since the end of December, which I have sent to the appropriate workgroups. One has been approved with revisions by its workgroup, and the other two are expected to complete the review process by the end of next week (committee member overseas travel has slowed the process). I have been advised that approximately three more single-level DCRs are expected to be submitted next week. Please send your DCR forms to burshtm@amtrak.com for processing. I can also be reached at 215-349-1776.

Electronics on Trains Working Group: the working group continues to meet bi-weekly. There was no update on 1-25-18.

Next update 2-8-18

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 1-25-18.

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 included in today's (1-25-18) minutes under agenda item 10. All NGEN members (including industry participants) are welcome.

If you plan to attend, please let Steve Hewitt know, via email to shewitt109@aol.com so that he can provide the meeting planner with the correct head count and names for printing badges for the meeting. Please do this asap, or, at the latest by **COB 2-9-18.**

See agenda item 9 in the minutes for today's call (1-25-18) for more information on the Annual Meeting.

Reminder: Call in number: Effective 1-11-18 the Technical subcommittee 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

January 25, 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 1-11-18 | Charles King |
| 5. Update: Diesel-Electric Locomotive Procurement | Jennifer Bastian |
| 6. Update: Multi-State Rail Car Procurement | Momo Tamaoki |
| 7. Document Control Update | Michael Burshtin |
| 8. Progress Report: Electronics on Trains Working Group | Tom Sisler |
| 9. NGEC 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 | |

***Technical Sub Committee Conference Call Meeting:
Thursday 1-25-18 / 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 -2-8-18 at 3:00pm Eastern