

SECTION 305 TECH SUB COMM

MINUTES

OCTOBER 4, 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, Ray Hessinger, Eric Curtit, Jennifer Bastian, Mike Jenkins, Melissa Shurland, Mike Murray, Duncan Copland, Larry Salci, Steve Hewitt, Curtis McDowell, Dave "Emeritus" Warner</i> Industry Members: <i>Paul Jamieson, Dick Bruss, Jack Madden, Kevin Myles, Rich Stegner, Darrell Smith, Steve Ojalvo, Wulf Dicke, Mike Jansen, James Michel, Richard Curtis, Richard Brilz</i>
ABSENTEES	<i>Charlie Poltenson, Marci Petterson, Jason Biggs, Phil Meraz, Brian Marquis, Byron Comati, Michael Burshtin, Anand Prabhakaran, Tarek Omar, Tom Sisler, Art Peterson, Jeff Schultz, Bernard Reynolds</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 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 **253** 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.

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.

The last update provided was on 5-3-18:

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.

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.

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

On 8-23-18, Paul Jamieson reported:

The ECP revenue service demonstration continued in June and July with the coaches in emulation service only due to overhauls being performed. No emulation faults were reported in this time period.

APTA PRESS ECP standards will be distributed for Mechanical group voting in September.

On 10-4-18 – Paul Jamieson informed Steve Hewitt that there was nothing new to report

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.

On 10-4-18 – Paul Jamieson informed Steve Hewitt that there was nothing new to report

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.

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.

No Report today (10-4-18)

4.

Approval of the Minutes from 9-20-18 – Charlie King, Amtrak:

With a quorum having been confirmed, Charlie King called for a motion to approve the minutes from the 9-20-18 conference call:

A motion to approve was offered by Jennifer Bastian, IDOT, and was seconded by Eric Curtit, MODOT. With no objections or exceptions forthcoming, the minutes from the 9-20-18 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:

- *Three Critical cab car Document Change Requests (DCRs) for the single level Railcar Procurement were submitted to the Next Generation Equipment Committee (NGEC) on July 30, 2018. The three are: Car Length Over Couplers, Carbody/Cab Construction, and Cab Car Floor Height Transition. A conference call took place with industry members on Friday, September 14, 2018, for discussion for these DCRs, but the vote to approve was postponed until the next meeting scheduled for October 5th.*
- *Dynamic testing discussions occurred August 7th and 8th in Chicago with a technical discussion session on 8-7-18, including Amtrak and FRA and a commercial & insurance discussion on 8-8-18. Many action items were identified, and Caltrans, IDOT, Amtrak and FRA will continue ongoing discussions to resolve all issues identified at the meetings. Caltrans and IDOT issued a first letter to SCOA/Siemens addressing some of our action items on Friday 9-7-18. The follow-up meeting took place on 9-13-18 and we will have ongoing meetings monthly.*
- *Preliminary Design Review for the Café car took place on 9-11-18 in Sacramento with a full PDR session for the Galley Equipment. Following, was an overview presentation of the adapted systems changes from standard coach to café coach. The Amtrak public Health Team joined us for the Galley portion of the meeting. The Amtrak Rolling Stock Engineering Team has provided input on various signage and color schemes for café cars. Caltrans and IDOT have requested a modification to the proposed Galley design to increase storage, serving, and cooling capacity.*
- *System-level FDR approvals of the Carbody & Clearance, Water & Waste, HVAC, Gap Filler, Digital Communications, Diagnostic System and Brakes have been provided to SCOA/Siemens. Actions for Accessible Toilet Room, Sliding Step and Safety Appliance are closed, and these are pending system level approval. Approval requests have been received for Exterior Doors, Lighting, End Doors and Seats. Caltrans submittals to FRA for Safety Appliance and Carbody are in process with drawings completed and packaged for submittal.*
- *The first 7 carshells are in production at Siemens Sacramento Facility and carshell#1 has completed the passivation*

process and is being prepared for FAI and storage. Carshells 8 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 November completion.

**6.
Update: Metro-North Dual Mode Locomotive Procurement – Ray Hessinger, NYSDOT:**

Ray Hessinger, NYSDOT, reported that 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. He added that NYSDOT is not directly involved in the procurement and it is technically in lock down so Ray is unaware of who has responded. Once this is complete they will develop a short list of qualified firms 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.

**7.
Update: Amtrak Equipment Procurement – Charlie King, Amtrak:**

Locomotive RFP - Charlie King reported that the Technical Evaluation Committee (TEC) is meeting this week with suppliers who will be making presentations. Next week the TEC will be on the road visiting suppliers and the next week they will take a week off from what is a very aggressive schedule. It is hoped that by the end of October they will be able to develop a list to take to the Amtrak Board of Directors and share with FRA.

Since much of the information is proprietary, Charlie will work with Amtrak Legal on what he can share with the NGEC Technical subcommittee. He has made an effort not to sign a NDA so that he can be more open and transparent with the NGEC.

Passenger Car RFI – the RFI is out and closed. Amtrak has begun the process of putting together the information for the creation of an RFP. Charlie will share all that he can and be as transparent as he can with NGEC members as the process goes forward. He wants to be sure not to give an advantage to one firm over another and will be very cognizant of that.

**8.
Document Control Update – Steve Hewitt for Tammy Krause, NGEC DCM:**

Tammy Krause was unavailable today, but provided the following update which Steve Hewitt read into the record:

The Interiors group has an updated seat track drawing. The interiors group updated the drawing after input from car builders and seat suppliers. The same dimensions can now be used for single level and bi-level equipment. The only change is that the aisle width in bi-levels will vary from upper to lower level. This drawing revision will be added to the PRIIA document list.

Jeff Gordon, FRA, reported that the Mechanical working group has reviewed 3 DCRs and on 9-14-18 they met to discuss them at length. They had some questions resulting from that meeting and Siemens has produced documents requested of them. Jeff has distributed them to the working group in preparation for the working group call that will take place on 10-5-18.

Jeff noted that one of the three DCRs was referred to the Structural working group, so it will not be adjudicated on the 10-5-18 Mechanical working group call. The DCR is 003179 – alternate materials on the cab end of the cab car. Based on the 9-14-18 discussions the working group agreed that it would need input from the structural working group on the manufacturer's view that of the ease of repairing the alternate material should there be an accident.

After the 10-5-18 meeting, Jeff will report the results to Tammy Krause and Steve Hewitt.

**9.
Update: Electronics on Trains Working Group – Tom Sisler, SNC Lavalin:**

Tom Sisler was unavailable but let Steve Hewitt know that he did not have an update for this call.

**10.
Update: University of Nebraska High Speed Wireless Technology – Hamid Sharif-Kashani:**

Hamid provided an overview of the High-Speed Train Simulation Systems (a PDF read ahead was provided in advance of today's call).

Members should review the PDF, and anyone interested in using the simulator should contact Hamid. His contact information is contained in the document.

11.**Other Issues:**

With no further business forthcoming for today's call, Charlie King adjourned the meeting at 3:23pm Eastern.

Next Call: 10-18-2018 – 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 8-23-18, Paul Jamieson reported:

The ECP revenue service demonstration continued in June and July with the coaches in emulation service only due to overhauls being performed. No emulation faults were reported in this time period.

APTA PRESS ECP standards will be distributed for Mechanical group voting in September.

On 10-4-18 – there was nothing new to report.

Periodic Brake Maintenance:

On 5-17-18, Paul Jamieson provided the following information for inclusion in the minutes:

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On 10-4-18 – there was nothing new to report.

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

On 9-20-18 – there was nothing new to report.

Melissa has reached out to the Access Board for a status on the issuance of the proposed rule but has not received a response as of 7-12-18. When she receives it, she will send it to Steve Hewitt for dissemination to the members of the Technical subcommittee.

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.

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.

Maintaining Industry Participation List: Status: There are currently **253** 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. See agenda item 5, above, for today's update (10-4-18).

Charger Locomotive Update – updates will be provided as warranted.

Document Control Update as of 9-20-18:

Tammy Krause was unavailable today, but provided the following update which Steve Hewitt read into the record:

The Interiors group has an updated seat track drawing. The interiors group updated the drawing after input from car builders and seat suppliers. The same dimensions can now be used for single level and bi-level equipment. The only change is that the aisle width in bi-levels will vary from upper to lower level. This drawing revision will be added to the PRIIA document list.

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After the 10-5-18 meeting, Jeff will report the results to Tammy Krause and Steve Hewitt.

Electronics on Trains Working Group:

On 9-6-18, Tom Sisler was unavailable but provided the following update for inclusion in the minutes:

The committee has met in August and discussed the DTL Software Specification PRIIA 305-920 and notes were captured. The next steps are to convert meeting notes in 305-920 and the meeting notes in the requirements document the committee is creating into two working drafts. The plan would be to run the two draft documents by the committee for tweaks.

Tom Sisler was unavailable for the 10-4-18 call – he informed Steve Hewitt that there was no update at this time.

Next update – 10-18-18

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:

Hamid Sharif-Kashani provided an overview of the High-Speed Train Simulation Systems (a PDF read ahead was provided in advance of today's call (10-4-18).

Members should review the PDF document, and anyone interested in using the simulator should contact Hamid. His contact information is contained in the document.

Next update: 11-1-18

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

See agenda item 6 for update

Next Update 11-1-18

Amtrak Equipment Procurement Update as of 10-4-18:

See agenda item 7 for update.

Next Update 11-1-18

Next call: 10-18-18

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

October 4, 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 9-20-18 | Charles King |
| 5. Update: Multi-State Rail Car Procurement | Momo Tamaoki |
| 6. Update: Metro-North Dual Mode Locomotive Procurement | Ray Hessinger |
| 7. Update: Amtrak Equipment Procurement | Charlie King |
| 8. Update: Document Control | Tammy Krause |
| 9. Update: Electronics on Trains Working Group | Tom Sisler |
| 10. Update: University of Nebraska High Speed Wireless Technology | Hamid Sharif-Hashani |
| 11. Other issues | All |
| 12. Review this meeting: | Steve Hewitt |
| a) Decisions | |
| b) New Action Items | |

***Technical Sub Committee Conference Call Meeting:
Thursday 10-4-18 / 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 -10-18-18 at 3:00pm Eastern