

SECTION 305 TECH SUB COMM

MINUTES NOVEMBER 17, 3:00PM EASTERN CONFERENCE CALL
2016

FACILITATOR	<i>Mario Bergeron, Chair, NGENC Technical Subcommittee</i>
ATTENDEES	Core Team Members: Mario Bergeron, Dale Engelhardt, Jeff Gordon, Curtis McDowell for Allan Paul, Momo Tamaoki, Charlie Poltenson, Jeff Schultz for Marci Petterson, Jennifer Bastian, Jason Biggs, Troy Hughes, Tammy Krause, Michael Burshtin, Melissa Shurland, Sal DeAngelo, Larry Salci, Steve Hewitt, Industry Members: Joe Diliello, Jack Madden, Dick Bruss, Tom Hunt, James Michel, Kevin Myles, Richard Curtis, Craig McKeen, Walt Stringer, Tom LaMano, Glen Rees, Richard Curtis, Steve Morrison
ABSENTEES	<i>Allan Paul, Phil Meraz, Andrew Wood, Jay Gilfillan, Jonathan Hines, Art Peterson, Devin Rouse, Anand Prabhakaran, Charles Bielitz, Nico Lindenau, Michael Coltman, Brian Marquis,</i>

DISCUSSION/DECISIONS MADE

1.	<p>Chairman Mario Bergeron, Amtrak, called today's meeting to order and Steve Hewitt to call the roll.</p> <p>After calling the roll, it was determined that a quorum had been established.</p> <p>As always, industry participants are asked to email a notification of their attendance to Steve Hewitt at shewitt109@aol.com</p>
2.	<p>Review of the Meeting Agenda – Mario Bergeron:</p> <p>Mario Bergeron provided a brief overview of today's meeting agenda.</p>
3.	<p>Review of Action Items that are not on the agenda – Steve Hewitt:</p> <p>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:</p>
	<p>Maintaining Industry Participation List: Status: There are currently 261 registered industry participants.</p>
	<p>Requesting Backgrounder educational document: The NGENC Executive Board approved for publication, the new educational/outreach document on 10-25-16. Steve Hewitt has requested AASHTO to print an initial 300 copies of the document. An electronic version has been sent to all NGENC members. As soon as hard copies have been printed, 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.</p>
	<p>Updating ECP Standards: This is an item which the Technical subcommittee is tracking – it is anticipated that status updates will take place on every other call. (ongoing)</p> <p>Paul Jamieson was unavailable for today's call, but provided the following update for inclusion in today's minutes:</p> <p><i>Cab car, coaches and locomotive were successfully commissioned. Static train was completed on November 1st. Dynamic train testing was completed Sunday, November 6th. The working group is preparing the necessary reports which will be provided to the FRA with the request to grant the waiver for revenue service. The train is scheduled to enter revenue service by late January 2017. The working group will then proceed to finalize the APTA PRESS standards."</i></p>
	<p>AWG Update: On July 20th, the AWG met to discuss the draft final review of the accessible seating and restroom layouts. The feedback received were net positive. The next step is for Oregon State University to finalize the draft report for submittal to the TSC for review and comments.</p>

OSU reached out to service providers in Alaska and Canada that operate rail equipment with "elevators". This was in response to some of the recommendations currently in the RVAAC report for elevators to move passengers to upper level. They were able to get feedback on the systems. Take aways from those discussions are below and will be in the report. (see above)

As of the last call, 11-3-16, the final OSU report was still being completed and was expected to be ready for distribution to the Accessibility Working Group and the Technical subcommittee members for review and discussion within the next two weeks. Chairman Bergeron requested that Melissa Shurland provide a summary presentation to subcommittee members on the call following distribution of the report. Melissa agreed, and Steve Hewitt will put it on the agenda for the subcommittee call following its distribution (provided there is a week or so between the distribution and the presentation. The report will also be added to the Annual Meeting DRAFT agenda.

Status: Melissa Shurland reported that the report is being finalized – there had been format issues which are being resolved. Melissa expects to get the report to Steve Hewitt for distribution to Technical subcommittee members by the end of this week. She has prepared a presentation which she will be prepared to give, along with a person from OSU, on the next subcommittee call 12-1-16. Steve Hewitt will add this as an agenda item to the next call.

Siemens/All Aboard Florida NGEN specification use – feedback/presentation: Ray Ginnell, Siemens participated on today's call and gave a presentation on the Brightline Passenger Coaches and PRIIA-Specification.

Follow up action items:

Ray Ginnell will provide the subcommittee with the actual weight of the cars once they have been weighed.

Tammy Krause will determine how she wishes to proceed with having the technical working groups review and provide feedback on the Brightline presentation and potential improvements that could be made to the PRIIA specifications based on the All Aboard Experience.

Steve Hewitt will follow up with Tammy on how she plans to proceed with working group review of the presentation.

On 10-25-16, The NGEN Executive Board expressed interest in having the presentation given on an upcoming call of the Board. Steve Hewitt will work with Siemens to see if this can be arranged.

Status: Nothing new to report on this today.

4. Approve Minutes from November 3, 2016 – Mario Bergeron:

On a motion by Charlie Poltenson, NYSDOT, and a second by Sal DeAngelo, FRA, the Minutes from the 11-3-16 Technical subcommittee conference call meeting were approved without exception.

5. 2017 NGEN Annual Meeting - Steve Hewitt:

a. Agenda items – follow-up

The two items suggested on the last subcommittee call for inclusion in the NGEN Annual Meeting – a presentation from Melissa Shurland on the AWG -OSU Report and a presentation from Jeff Gordon on the activities/progress of the AAR committee were agreed to by the Executive Board and will be included in the Annual Meeting agenda.

b. Timeline for DRAFT agenda

The first DRAFT of the Annual Meeting agenda is going to the Executive Board in advance of its next call which will take place next week – 11-22-16.

Hotel room block information and other logistics will be provided by Steve Hewitt as received (from AASHTO).

Mario Bergeron reminded Steve Hewitt to send an appointment to all calendars for the Annual Meeting. Steve agreed to send an Outlook appointment out to the full NGENC email list following today's conference call.

6.

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

Jennifer Bastian provided the following update from IDOT for inclusion in today's minutes:

- *JPEs continue to receive Siemens' weekly revised schedule and conduct weekly conference calls. The main basis for revised weekly schedules reflects on-going locomotive delivery and testing up-dates.*
- *500-mile Testing of the second set of two locomotives is complete at TTCI. The third set of locomotives will begin at TTCI later this week.*
- *Locomotive 4604 is stored at MARC after the successful completion for Vehicle Qualification Testing on the North East Corridor.*
- *After 500-mile testing is complete, all locomotives will next ship to Chicago, when IDOT and Amtrak are ready.*
- *IDOT will now send a locomotive to WSDOT for 238.111(b) testing on the Cascades route. WSDOT will conduct the 238.111(b) test. Other JPEs are working with Amtrak for 238.111(a) test plans.*
- *JPEs are working with Siemens for Wi-Tronix application, as required by Amtrak.*
- *All Document Change Requests (DCR) have been distributed to the locomotive sub-team leaders for review, and reviews are nearing completion with no apparent issues.*
- *As-Built weights have been reported at a bit less than 267, 000 lbs (+/-). This is a little bit better than previously estimated. The calculated P2 force is within specified limits. As other locomotives are weighed, we will report.*

Mario Bergeron asked if the 3rd locomotive that is currently in Baltimore would be in that area around the time of the NGENC Annual Meeting. Jennifer replied that it will be in Illinois by then as it is to be the first one to go there. Mario is hoping to make arrangements for one of the new Charger locomotives to be on display in Washington, DC's Union Station during the week of the NGENC Annual Meeting.

7.

Update: Bi-Level Car Procurement – Momo Tamaoki, Caltrans:

Momo Tamaoki provided an update based on the following report submitted by Momo Tamaoki:

- **FAIs** – *Caltrans, IDOT and FRA are still evaluating the test results from the dynamic test and quasi static test of the seat/table. Once the evaluation is completed, the FAI will be scheduled. The other remaining FAIs (Food Service and ATR/UTR) will take place next year. Amtrak Public Health team will visit NS facility in Rochelle on December 14 to review the 3D models of the food service system prior to the official FDA inspection.*
- **Carshell** – *As reported in the previous call, the supplemental Carshell re-design review meeting originally scheduled for January 2017 will be postponed. This is due to new requirements that were discussed during the last meeting held in Sacramento, CA. We will have another Web meeting with NS 12/5 and determine the new dates and location for the supplemental re-design review.*
- **Testing** – *Caltrans and Amtrak OBIS team will visit NS Rochelle Facility on December 14 through 16. The main purpose of the visit is to create and refine a design for the installation of the OBIS equipment on-board the various train cars. The coupler test is scheduled for 12/15 in Germany.*
- **Misc.** – *The FAI Plan audit took place on October 26, and it was a success with only one open item. The Manufacturing and QA meeting also took place on October 27, and they are getting ready for the production ramp up for the test cars early next year.*

8.

Document Control Update: Tammy Krause, Amtrak:

Tammy Krause provided the following update for inclusion in today's minutes:

"The single level specification upgrade process is beginning. I have sent the chapter headings to the technical subcommittee leaders and requested that they let me know which chapters they want to review changes for. Next I will divide up the DCRs by the subcommittees and request that they review them for approval or denial. After the DCRs are received, we will begin updating the Specification.

North Carolina DoT has requested permission to use the Bi-level specification as a starting point for their multi-level procurement and I have sent them the specification.

I have requested the technical subcommittee leaders put together a roster of their members and send it to me.

Finally, I am in the process of sending the technical subcommittee leaders the new members for their groups.

Tammy added that she has not done anything yet regarding the Brightline specification presentation, but will follow the same process she is using for the review of the single level specification.

Tammy also noted that once rosters are provided to her from the technical working group team leaders they will be posted to the website.

The locomotive Working Group Review of the Diesel-electric Locomotive DCRS is about complete with only a few yet to be reviewed. Once this process is completed, Tammy will have them compiled, and at that point they will be reviewed per the NGEN Document Control Procedures.

Mario Bergeron asked Tammy to develop a timeline for completion of the Document Control actions items as described. Tammy will provide the timeline to Steve Hewitt for distribution prior to the next call – 12-1-16.

9. Adjourn:

With no further issues to come before the subcommittee today, Mario Bergeron adjourned this conference call meeting at 3:24PM Eastern.

Next Call: December 1, 2016 – 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. (ongoing)

Status: As provided by Paul Jamieson on 11-17-16:

Cab car, coaches and locomotive were successfully commissioned. Static train was completed on November 1st. Dynamic train testing was complete. The working group is preparing the necessary reports which will be provided to the FRA with the request to grant the waiver for revenue service. The train is scheduled to enter revenue service by late January 2017. The working group will then proceed to finalize the APTA PRESS standards."

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Requesting Backgrounder educational document: The NGEN Executive Board approved for publication, the new educational/outreach document on 10-25-16. Steve Hewitt has requested that AASHTO print an initial 300 copies of the document. An electronic version has been sent to all NGEN members. As soon as hard copies have been printed, subcommittee members (core team and industry) who would like a hard copy (copies) should contact Steve Hewitt at shewitt109@aol.com with the number requested and an address to send them to.

Maintaining Industry Participation List: This remains an ongoing action item. There are currently **261** registered industry participants. (Ongoing)

AAR Committee: AAR is compiling the completed items - all sections are complete except for VTI.

Brian Marquis, Volpe, and Nick Wilson, TTCI, (for AAR) are leading the VTI effort. Brian has produced a prototype MCAT software approach for consideration for lower track classes (3,4,5 inches). He (Brian) and Nick will be meeting to discuss the prototype and its potential applicability on 11-14-16. Jeff believes this is a logical approach.

At Chairman Bergeron's request, Jeff Gordon agreed to make a presentation on the activities of this AAR committee during the NGEC Annual Meeting in February. Steve Hewitt has added this item to the DRAFT Annual Meeting agenda

Next Update: 12-1-16.

Procurement Updates: Progress reports from the lead states on the two PRIIA multi-state equipment procurements are provided on each technical subcommittee call. (ongoing)

Document Control Update:

Technical working groups Review/Update of the three PRIIA Single Level Specifications (car, trainsets, DMUs):

The single level specification upgrade process is beginning. I have sent the chapter headings to the technical subcommittee leaders and requested that they let me know which chapters they want to review changes for. Next I will divide up the DCRs by the subcommittees and request that they review them for approval or denial. After the DCRs are received, we will begin updating the Specification.

Finalizing Technical working group rosters:

All Working Group leaders are asked to provide a list of their members to Tammy Krause and Steve Hewitt for their files and for posting to the website. Tammy has reminded all team leaders to provide their rosters to her asap.

NCDOT use of NGEC Bi-Level Specification: North Carolina DOT has requested permission to use the Bi-level specification as a starting point for their multi-level procurement and on 11-17-16 Tammy Krause provided it to NCDOT. NCDOT has been asked by the NGEC Executive Board to provide feedback on its use of the spec.

Technical working group review of the Brightline specification presentation: Tammy Krause will send this to the appropriate working groups and will follow the same process she is using for the review of the single level specification.

Locomotive Working Group Review of D/E Locomotive Specification DCRs: The locomotive Working Group Review of the Diesel-electric Locomotive DCRs is about complete with only a few yet to be reviewed. Once this process is completed, Tammy will have them compiled, and at that point they will be reviewed per the NGEC Document Control Procedures.

Timeline for completion of the ongoing Document Control Action Items: Tammy Krause will develop a timeline for these action items and provide it to Steve Hewitt for distribution to the Technical subcommittee in advance of the next conference call – 12-1-16.

Siemens/All Aboard Florida NGEC specification use – feedback/presentation: Ray Ginnell, Siemens participated on today's call and gave a presentation on the Brightline Passenger Coaches and PRIIA-Specification.

Follow up action items:

Ray Ginnell will provide the subcommittee with the actual weight of the cars once they have been weighed.

On 10-25-16, The NGEC Executive Board expressed interest in having the presentation given on an upcoming call of the Board. Steve Hewitt will work with Siemens to see if this can be arranged.

Tammy Krause will send the Brightline presentation/feedback to the appropriate working groups and will follow the same process she is using for the review of the single level specification.

Ongoing

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

November 17, 2016

The agenda for the meeting is below:

- | | |
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| 1. Roll Call | Steve Hewitt |
| 2. Review meeting agenda | Mario Bergeron |
| 3. Review Action Items | Steve Hewitt |
| 4. Approve Minutes of 11-3-16 | Mario Bergeron |
| 5. NGEC Annual Meeting | Steve Hewitt |
| c. Agenda items – follow-up | |
| d. Timeline for DRAFT agenda | |
| 6. Update: Diesel-Electric Procurement | Jennifer Bastian |
| 7. Update: Bi-level Procurement | Momo Tamaoki |
| 8. Document Control Update | Tammy Krause |
| a. Status: Technical Working Group Rosters | |
| b. Status: Review of PRIIA Bi-Level Car Specification Revision C.4 and its applicability to PRIIA Single level Car Specification | |
| c. Status: Review of Brightline presentation as related to PRIIA specifications | |
| d. Status: Locomotive Working Group Review of Diesel-electric Locomotive DCRS | |
| 9. Other Issues | All |
| 10. Review this meeting: | Steve Hewitt |
| a) Decisions | |
| b) New Action Items | |

***Technical Sub Committee Conference Call Meeting:
Thursday 11-17-2016 / 3:00 Eastern / 1-866-209-1307 / passcode 6486648#
Please call in a few minutes early so all is in attendance for Roll Call.
Thank you
Next Call –12-1-16 at 3:00pm Eastern***