

# SECTION 305 TECH SUB COMM

MINUTES                      NOVEMBER 19,                      3:00PM EASTERN                      CONFERENCE CALL  
2015

<b>FACILITATOR</b>	<i>Tammy Krause, Revision Control Coordinator, NGEN Technical Subcommittee</i>
<b>ATTENDEES</b>	<b>Core Team Members:</b> <i>Tammy Krause for Mario Bergeron, Sal DeAngelo for Jeff Gordon, Jack Madden, Charlie Poltenson, Allan Paul, Jeff Schultz for Marci Petterson, Rob Edgcumbe for Momo Tamaoki, Phil Meraz, Troy Hughes, Andrew Wood, Larry Salci, Steve Hewitt, <b>Industry Members:</b> Paul Jamieson, Rich Stegner, Tom Sisler, Hamid Sharif, Tom Hunt, Kevin Myles, Al Bieber, Steve Morrison, Lew Hoens, Josh Coran, James Michel, Walt Stringer, Pat Sheeran</i>
<b>ABSENTEES</b>	<i>Mario Bergeron, Dale Engelhardt, Jeff Gordon, Momo Tamaoki, Marci Petterson, Jennifer Bastian, Jason Biggs, Vincent Brotski, Jonathan Hines, Jay Gilfillan, Art Peterson, Curtis McDowell, Nico Lindenau, Devin Rouse, Anand Prabhakaran, Charles Bielitz, Michael Coltman, Brian Marquis, Patricia Llana, Shayne Gill</i>

## DISCUSSION/DECISIONS MADE

**1.**  
In the absence of Chairman Mario Bergeron, Tammy Krause, Amtrak, served as acting chair and called today's meeting to order, asking Steve Hewitt to call the roll.

After calling the roll, Steve confirmed the presence of a quorum.

**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 – Tammy Krause, Amtrak:**

Tammy Krause 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 **258** registered industry participants. We have one new member added since the last call – new members are always welcome.

**Requesting Backgrounder educational document:** The Backgrounder remains available upon request. Please contact Steve Hewitt at [shewitt109@aol.com](mailto:shewitt109@aol.com) if you want to receive Backgrounders. Provide the quantity requested and an address for sending them to.

**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.

There is no update for today.

**GAO study:** As of the last Technical subcommittee call (11-5-15) the GAO team, which had been provided with contact information for the working group team leaders, was to reach out, via email, to request contact information on active industry members of each working group. This was done, and, a number of the working group chairs have provided the contact the information as requested.

The week of 11-5-15, GAO was scheduled to interview members of the FRA, Jeff?

On the subcommittee call of 12-3-15 the GAO team will provide an update on progress made.

After today's call, Steve learned that some of the working group members have been contacted by the GAO team and asked to respond to a questionnaire by 12-1-15.

**RVAAC:** RVAAC presented its recommendations for improved access on rail vehicles to the Access Board on July 29, 2015. Melissa will keep the Tech SC apprised as deliberations conclude. There is a backlog in rulemaking projects, and so it was not decided how and when to proceed with those recommendations. Anyone who would like the link to the RVAAC report should contact Melissa Shurland, at [Melissa.shurland@dot.gov](mailto:Melissa.shurland@dot.gov). (Ongoing)

Melissa Shurland is unavailable for today's call, but informed Steve Hewitt that there was no new update to provide for today's call.

**AWG report:** Progress continues on the restroom drawings. Oregon State University is working with Amtrak. Alternatives are being looked at such as having one universal restroom as opposed to two. Valuable input is being provided by Amtrak on what can and can't be done. Melissa Shurland will provide a report on what has been accomplished to date at the NGEAC Annual Meeting (2-19-16).

Melissa Shurland also informed Steve Hewitt that there is nothing new to report on this item for today's call.

**AAR Committee:** This is an ongoing action item. A report is provided on every other subcommittee call. Last update was given on 11-5-15. The next update is scheduled for 12-3-15.

**4.  
Approve Minutes from November 5, 2015 – Mario Bergeron:**

On a motion by Allan Paul, NCDOT, and a second by Jack Madden, NYSDOT, the Minutes from the 11-5-15 Technical subcommittee conference call meeting were approved without objection.

**5.  
Document Control Update –Tammy Krause:**

Tammy Krause provided the following Document Control update:

*"There has not been much activity in document control since the last meeting. The Dual Mode locomotive specification is still under review by Larry Salci. I will be starting to put together the C.3 version of the bi-level specification in the next few weeks. I would ask that if there are any new DCRs that anyone is planning to submit, that they be submitted by December 4<sup>th</sup>. I would like to get the C3 version completed and approved next after the Dual Mode."*

Rob Edgcumbe informed Tammy that Caltrans is working in a few additional DRCs and he will make sure they are aware of the 12-4-15 date for submittal.

**7.  
Update: Procurements:**

**Bi-Level Cars – Rob Edgcumbe for Momoko Tamaoki:**

In the absence of Momo Tamaoki, Rob Edgcumbe, consultant, provided a brief update on the Bi-Level car procurement:

- FAI's for sub-system items are ongoing with 29 of 44 done. In December and January FAIs upcoming include seats and tables, electric panels etc. This reflects a slight slippage due to changes in the seat design.
- Compression test analysis (since the test failure) are underway.
- Changes in the design and updates to the analysis are ongoing. A third party analysis expert, well-regarded by all parties – has been brought in to support the effort.
- A new Design Review has not yet been scheduled – it may be a two part or a one part review – as of yet not determined.
- There is an update scheduled for 11-24-15.
- 5 non carshell related design review are outstanding.
- The product schedule is still under review – a draft has been provided by the manufacturer and is being reviewed.
- No final delivery dates are in place as of yet.
- They are working through the funding impacts of the delay.
- The number of vehicles deliverable will be based on the schedule when finalized.

**Diesel-electric Locomotive – Rich Stegner for Jennifer Bastian:**

In the absence of Jennifer Bastian, IDOT, Rich Stegner provided the following update for inclusion in today's minutes:

- *The invoice for milestone E (Invoice #10), associated with FDR is being processed by IDOT*
- *FDR follow-up action items are now closed. The balance of submittal drawings have now been received, as well.*
- *The FAI for the truck assembly was held on 11/17 and went well.*
- *The FAI for the Prime Mover (Engine and alternator together) was held on 11/12 in Sacramento and went well.*
- *The kick-off for monthly QA reviews was held in Sacramento on 11/18.*
- *A planning meeting to review the compression test process is planned for 12/1 in Sacramento.*
- *We anticipate two more draft DCRs has will processed by the JPEs. The total will be Seventeen draft DCRs, and are being prepared and Rich Stegner has contacted Tammy Krause, to send a list re-capping the DCRs and will begin drafting DCRs. Camren Cordell will assist.*
- *Follow up Technical Advisory Groups (TAG) continue working on an on-going basis for the action items from the AAR Standard vehicle qualification testing and acceptance. AAR's David Cackovic is the facilitator.*
- *The Diesel Exhaust Fluid (DEF) planning team is reviewing logistics for fueling locations.*
- *The locomotive weight has reduced to 271,684 lbs (+/-), due to actual component weights coming in a bit better than expected. The calculated P2 force is within specified limits. Weight is being closely monitored, each month."*

**8.**

**Progress report: Diesel Exhaust Fluid (DEF) / UREA Working Group - Rich Stegner for Jennifer Bastian:**

In the absence of Jennifer Bastian, Rich Stegner provided the following DEF working group update:

We were able to provide the DRAFT Fuel + DEF Consumption Estimates to Renee at Amtrak.

With the multi-state locomotives estimated to have the same consumption rate as the existing fleet, there will be no need for establishing different fueling locations.

The next meeting of the DEF Working Group is scheduled for Monday, 11-23-15.

**Announcement:**

Team leader for the NGEC Technical subcommittee Locomotive Working Group, Jack Madden, NYSDOT, announced that he is retiring from state service as of the end of the month, and, his actual last day of work is Monday, 11-23-15.

Jack thanked everyone involved in the Technical subcommittee and in the locomotive working group for their efforts stating that "I enjoyed working with you all...we did good things."

Jack added that he will remain involved as an industry participant after his retirement from NYSDOT to follow the progress of the Dual Mode (DC 3<sup>rd</sup> Rail) Locomotive.

Jack announced that Charlie Poltenson, NYSDOT, will resume his involvement as the state's member on the Technical subcommittee.

Members on the call expressed their thanks and well wishes to Jack and agreed that he will be missed.

*Note:*

*On behalf of the Technical subcommittee and the NGEC Executive Board, I would like to express my thanks to Jack for all his hard work and dedication. Your efforts and leadership, Jack, have truly made a difference.*

*Steve Hewitt*

**9.**

**2016 NGEC Annual Meeting – Steve Hewitt:**

Steve Hewitt reminded members that the 2016 NGEAC Annual Meeting is scheduled for 2-19-16 at the Hyatt Regency Washington, Capitol Hill. The meeting will take place in conjunction with the AASHTO SCORT meeting scheduled for 2-17 and 18 - 2016.

A notice has gone to all NGEAC members calendars to lock in the date.

Hotel reservation information was sent in advance to the NGEAC Executive Board members last week, and will be provided to all subcommittee members later this week.

**Adjourn:** With no other issues to come before the subcommittee today, at 3:23PM Eastern, Tammy Krause adjourned today's Technical Subcommittee conference call meeting.

**Next Call: December 3, 2015 – 3:00pm Eastern**

### Decisions and Action Items

RVAAC: RVAAC presented its recommendations for improved access on rail vehicles to the Access Board on July 29, 2015. Melissa will keep the Tech SC apprised as deliberations conclude. There is a backlog in rulemaking projects, and so it was not decided how and when to proceed with those recommendations. Anyone who would like the link to the RVAAC report should contact Melissa Shurland, at [Melissa.shurland@dot.gov](mailto:Melissa.shurland@dot.gov). (Ongoing)

Updating ECP Standards: remains as a standing action item and as activities occur. (Ongoing)

Maintaining Industry Participation List: This remains an ongoing action item. There are currently **258** registered industry participants. (Ongoing)

Backgrounder educational document: The Backgrounder remains available upon request. Please contact Steve Hewitt at [shewitt109@aol.com](mailto:shewitt109@aol.com) if you want to receive Backgrounders. Provide the quantity requested and an address for sending them to.

DEF Working Group: The group has provided the DRAFT Fuel + DEF Consumption Estimates to Renee at Amtrak. With the multi-state locomotives estimated consumption rate being the same as the existing fleet, there will be no need for establishing different fueling locations. The next meeting of the DEF Working Group is scheduled for Monday, 11-23-15.

The PRIIA Dual Mode (DC 3<sup>rd</sup> Rail) Passenger Locomotive Technical Specification – Larry Salci is in the process of reviewing the specification against the requirements document and preparing a Review Panel report with recommendations. Timeline for NGEAC Executive Board approval is mid-December, 2015.

AWG report: Progress continues on the restroom drawings. Oregon State University is working with Amtrak. Alternatives are being looked at such as having one universal restroom as opposed to two. Valuable input is being provided by Amtrak on what can and can't be done. Melissa Shurland will provide a report on what has been accomplished to date at the NGEAC Annual Meeting (2-19-16). (Ongoing)

AAR Committee: Next update: 12-3-15. (Ongoing)

GAO project: The GAO team has been provided with contact information for the working group team leaders and has reached out to the leaders and their members. A questionnaire was sent to those contacted with a request that responses be submitted by 12-1-15. The next GAO update to the Technical subcommittee is due on 12-3-15.

### ATTACHMENTS



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

**PRIIA Section 305 Tech Sub Committee Meeting**

**November 19, 2015**

The agenda for the meeting is below:

- |   |              |
|---|--------------|
| 1. Roll Call  | Steve Hewitt |
| 2. Review meeting agenda  | Tammy Krause |
| 3. Review Action Items  | Steve Hewitt |
| 4. Approve Minutes of November 5, 2015                              | Tammy Krause |
| 5. Document Control Update  | Tammy Krause |
| 6. Update: Procurements   |              |
| a. Bi-level Cars  | Rob Edgcumbe |
| b. Diesel-electric locomotive                                       | Rich Stegner |
| 7. Progress report: Diesel Exhaust Fluid (DEF) / UREA Working Group | Rich Stegner |
| 8. NGEC 2016 Annual Meeting – 2-19-16                               | Steve Hewitt |
| 9. Other Issues   | All          |
| 10. Review this meeting:  | Steve Hewitt |
| a) Decisions  |              |
| b) New Action Items   |              |

***Technical Sub Committee Conference Call Meeting:  
Thursday November 19, 2015 / 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 – 12-3-15 at 3:00pm Eastern***