

# SECTION 305 TECH SUB COMM

MINUTES

NOVEMBER 5,  
2015

3:00PM EASTERN

CONFERENCE CALL

<b>FACILITATOR</b>	<i>Tammy Krause, Revision Control Coordinator, NGENC Technical Subcommittee</i>
<b>ATTENDEES</b>	<b>Core Team Members:</b> <i>Tammy Krause for Mario Bergeron, Melissa Shurland for Jeff Gordon, Jennifer Bastian, (Jennifer Bastian also as proxy for Momo Tamaoki), Jack Madden, Jason Biggs, Michael Burshtin, Vincent Brotski, Andrew Wood, Art Peterson, Steve Hewitt, Sal DeAngelo, Rob Edgcumbe, Dave Warner (Emeritus)</i> <b>Industry Members:</b> <i>Pat Sheeran, Paul Jamieson, Josh Coran, James Michel, Rich Stegner, Kevin Myles, Bill Saddler, Chuck Wochele, Tom Hunt, Walt Stringer, Al Bieber</i> <b>Guests:</b> <i>Maria Wallace, Derry Henrick, Swati Deo (GAO Team)</i>
<b>ABSENTEES</b>	<i>Mario Bergeron, Dale Engelhardt, Jeff Gordon, Troy Hughes, Charlie Poltenson, Momo Tamaoki, Allan Paul, Jonathan Hines, Jay Gilfillan, Nico Lindenau, Devin Rouse, Anand Prabhakaran, Charles Bielitz, Michael Coltman, Brian Marquis, Patricia Llana, Curtis McDowell, Larry Salci, Shayne Gill</i>

## DISCUSSION/DECISIONS MADE

**1.**

In the absence of Chairman Mario Bergeron, and Vice Chair Dale Engelhardt, Tammy Krause, NGENC Revision Control Coordinator, called today's meeting to order, and asked 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 **257** registered industry participants.

**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.

Paul Jamieson provide the following update for inclusion in today's minutes:

*"To date, the test waiver has no public comments. Test waiver preliminary comments have been received from the FRA. These comments are currently under review."*

**GAO study:** The GAO team has been provided with contact information for the working group team leaders and Tammy Krause (both as a team leader and as the Revision Control Coordinator). The GAO has requested that they participate on every other Technical subcommittee call – to listen and, periodically, update the subcommittee on their progress.

Under agenda item 10, the GAO will provide a status update on their activities with regard to the study related to the

NGEC.

**4.  
Approve Minutes from October 8, 2015 – Tammy Krause:**

On a motion by Jennifer Bastian, IDOT, and a second by Jason Biggs, WSDOT, the Minutes from the 10-8-15 Technical subcommittee conference call meeting were approved without objection.

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

Tammy Krause provided the following Document Control update:

*"The Dual Mode Specification Draft Revision 3 was created with the corrections from the August approval meeting. It is now with Larry Salci, who is reviewing it for the Executive Board.*

*The Bi-Level Specification Version C2 is now the most recent version referenced on the website. The final 2 DCRs are almost complete and then Version C3 will be compiled.*

*The Operational & Environmental Conditions Specification Version B was approved by the Executive Board on October 27, 2015."*

**6.  
Update: Accessibility Working Group/RVAAC related issues – Melissa Shurland:**

Melissa Shurland, FRA, provided the following updates for inclusion in today's minutes:

**RVAAC update:**

The Access Board has a full agenda, so it is anticipated that it will be some time before a decision is made on the recommendations provided to them in the report.

Members can contact Melissa Shurland at [Melissa.shurland@dot.gov](mailto:Melissa.shurland@dot.gov) for the link to the final report that was submitted to the Access Board.

**AWG update:**

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 will provide a report on what has been accomplished to date at the NGEC Annual Meeting (2-19-16).

**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:

29 of 44 FAI's have been completed – a number of FAI's will take place in December and January (passenger seats, tables, etc.)

The car shell redesign is the primary focus at this point – the failure analysis by the manufacturer submitted in October is undergoing revisions. A series of conference calls among the parties have taken place.

A revised design review meeting will take place in Japan. No date is set yet, as there will be no design review until all the required action items have been resolved.

Non-car shell design review open items remaining – 7. They are almost down to the check list point.

After these open items are closed, it will be down to the car shell redesign – it drives the final schedule.

There is no doubt there is a significant impact on the production schedule and it will impact funding.

**Diesel-electric Locomotive – Jennifer Bastian:**

Jennifer Bastian, IDOT, 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 frame was held on 10/08 and went well.*
- *The FAI for carbody was held on 10/20, and has action items prior to closure.*
- *The FAI for the Prime Mover (Engine and alternator together) is planned for 11/12 in Sacramento.*
- *The FAI for the complete truck assembly is planned for 11/17, in Sacramento.*
- *A planning meeting to review the compression test process is planned for 12/1 in Sacramento.*
- *The kick-off for the first monthly QA review is planned for 11/17, 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 - Jennifer Bastian:**

Jennifer Bastian reported that the DEF working group has not met since the last NGE call.

They continue to work on logistics for fueling locations.

IDOT still needs to get its maintenance agreement in place.

The next working group meeting will take place next week.

**9. Update: AAR Committee – Melissa Shurland for Jeff Gordon:**

In the absence of Jeff Gordon, FRA, Melissa Shurland read the following update into the record:

*"The Passenger Equipment Standards Committee first met at AAR HQ in early June, and formed a path forward plan with six subgroups. Several subgroup web cast meetings have been held.*

*The overall goal is to develop an AAR Standard approach to address areas of concern regarding the introduction and operation of new-design passenger cars and locomotives on freight railroad track. The AAR standard is intended to only address gaps where those goals and objectives are not met by existing APTA and other standards. The AAR standard will adapt existing standards and requirements to the extent possible.*

*A first draft of the specification has been prepared and has been distributed to all participants. In the next month or so meetings related to loss of shunt, interoperability and vehicle-track interaction are planned.*

*If you have any questions about this process, please contact Jeff Gordon ([Jeffrey.Gordon@dot.gov](mailto:Jeffrey.Gordon@dot.gov))."*

Jason Biggs, WSDOT, asked how the AAR schedule folds into the bi-level car and locomotive process.

Rob Edgcumbe responded that the AAR report will not be in place for the bi-level and locomotives. The effort is not parallel, but in coordination with the bi-level and locomotive productions.

**10.  
GAO Team Update – Maria Wallace:**

Maria Wallace reported that the GAO team is still in the design phase of their work. She described the project as one in which they are looking at the roles and responsibilities of the FRA with the Section 305 NGEC, and its grant oversight. They will be looking at potential improvements to the FRA grant management.

Since their last participation on a Technical subcommittee call, the GAO team has interviewed Nico Lindenau, consultant to the FRA; Larry Salci, consultant to the NGEC and FRA; and members of Washington State DOT. They expect to interview Jeff Gordon, Sal DeAngelo and Wynne Davis, FRA, in the coming weeks.

Maria noted that the team is interested in contacting, via email, members of the industry as well. Steve Hewitt suggested that they start with the Technical subcommittee working group chairs, (contact info has been provided previously) and that they could direct the team to the most active industry members of their respective working groups.

**11.  
2016 NGEC Annual Meeting – Steve Hewitt:**

Steve Hewitt reported that the 2016 NGEC 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 NGEC members calendars to lock in the date.

Further details will be forthcoming.

**Adjourn:** With no other issues to come before the subcommittee today, at approximately 3:27PM Eastern, Tammy Krause adjourned today's Technical Subcommittee conference call meeting.

**Next Call: November 19, 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) Paul Jamieson provided an update today as noted earlier in the minutes.

Maintaining Industry Participation List: This remains an ongoing action item. There are currently **257** 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: Continues to work on logistics for fueling locations. IDOT needs to get its maintenance agreement in place. The next working group meeting is scheduled for next week.

The PRIIA Dual Mode (DC 3<sup>rd</sup> Rail) Passenger Locomotive Technical Specification – DRAFT Revision 2 was approved by the Technical subcommittee on 8-19-15 and has been provided to Larry Salci as he begins his review of the specification and prepares the review panel report with recommendations. Timeline for Board approval is 11-24-15.

Specification 305-912 reference document changes: The subcommittee on 8-19-15 agreed to a series of updates/revisions to the 305-912 document. The Operational & Environmental Conditions Specification 305-912 Revision B was approved by the Executive Board on October 27, 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 NGEN Annual Meeting (2-19-16). (Ongoing)

AAR Committee: See latest update provided in today's meeting - agenda item 9. Next update: 12-3-15. (Ongoing)

GAO project: The GAO team has been provided with contact information for the working group team leaders and will be reaching out to the leaders via email requesting contact information on active industry members of the working groups. Next GAO update to the subcommittee due 12-3-15.

#### 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 5, 2015**

The agenda for the meeting is below:

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|--|------------------|
| 1. Roll Call   | Steve Hewitt     |
| 2. Review meeting agenda                                   | Tammy Krause     |
| 3. Review Action Items                                     | Steve Hewitt     |
| 4. Approve Minutes of October 8, 2015                      | Tammy Krause     |
| 5. Document Control Update                                 | Tammy Krause     |
| 6. Accessibility Working Group/RVAAC related issues update | Melissa Shurland |
| 7. Update: Procurements                                    |                  |
| a. Bi-level Cars   | Rob Edgcumbe     |
| b. Diesel-electric locomotive                              | Jennifer Bastian |

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|---|---------------------------------------|
| 8. Progress report: Diesel Exhaust Fluid (DEF) / UREA Working Group | Jennifer Bastian                      |
| 9. Update: AAR committee  | Melissa Shurland                      |
| 10. GAO Team Update   | Swati Deo/Derry Henrick/Maria Wallace |
| 11. NGEN 2016 Annual Meeting – 2-19-15                              | Steve Hewitt                          |
| 12. Other Issues  | All                                   |
| 13. Review this meeting:  | Steve Hewitt                          |
| a) Decisions  |                                       |
| b) New Action Items   |                                       |

***Technical Sub Committee Conference Call Meeting:***  
***Thursday November 5, 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 – 11-19-15 at 3:00pm Eastern***