

# SECTION 305 TECH SUB COMM

MINUTES

MARCH 24, 2016 3:00PM EASTERN

CONFERENCE CALL

<b>FACILITATOR</b>	<i>Dale Engelhardt, Vice Chair, NGENC Technical Subcommittee</i>
<b>ATTENDEES</b>	<b>Core Team Members:</b> Dale Engelhardt for Mario Bergeron, Jeff Gordon, Momo Tamaoki, Allan Paul, Charlie Poltenson, Marci Petterson, Jennifer Bastian, Phil Meraz, Phil Meraz also as proxy for Troy Hughes, Jay Gilfillan, Melissa Shurland, Andrew Wood, Art Peterson, Jeff Schultz, Steve Hewitt, <b>Industry Members:</b> Paul Jamieson, Jack Madden, James Michel, Steve Morrison, Josh Coran, Craig McKeen, Lew Hoens, Kevin Myles, Tom Hunt, Pat Sheeran, Rich Stegner, Chuck Wochele, William Slater
<b>ABSENTEES</b>	<i>Mario Bergeron, Jason Biggs, Troy Hughes, Tammy Krause, Vincent Brotski, Michael Burshtin, Jonathan Hines, Devin Rouse, Anand Prabhakaran, Charles Bielitz, Nico Lindenau, Sal DeAngelo, Michael Coltman, Brian Marquis, Curtis McDowell, Larry Salci, Shayne Gill</i>

## DISCUSSION/DECISIONS MADE

1.

Vice Chair Dale Engelhardt, Amtrak, 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 – Dale Engelhardt:**

Dale Engelhardt 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.

**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.

The following status update was provided by Paul Jamieson for inclusion in today's minutes:

*"Train static and dynamic testing has been delayed from June until August/September due to having a functional event recorder on the locomotive to accept the ECP data.*

*The test committee will hold a web conference next week to review the project status, schedule and documents requiring their review. A report will be made to the NGENC technical subcommittee after this meeting."*

**Requesting Background educational document:** The NGENC Executive Board is finalizing a new "two-pager" education and outreach document. Once approved, it will be printed by AASHTO and made available to all members.

**AWG Update:** As of the last report, the Accessibility Working Group had a meeting this week with participants from Amtrak, FRA, manufacturers and the Access Board to review Oregon State University's preliminary work on accessibility restrooms. Good feedback was received and OSU will go back and incorporate the comments received accordingly. Melissa will, as noted previously, provided a background and status update during the Annual Meeting – the presentation has been posted to the NGENC website. (ongoing)

No update today.

**RVAAC Update:** 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). Melissa provided a background and status update during the Annual Meeting – the presentation has been posted to the NGEC website. (ongoing)

No update today.

**AAR Committee:** Next update 4-7-16 (ongoing)

**GAO Study:** The GAO team is writing the DRAFT report. It is anticipated to be circulated for the agencies to review in April. Next subcommittee update due 4-7-16. (ongoing)

**4.  
Approve Minutes from March 10, 2016 – Dale Engelhardt:**

On a motion by Allan Paul, NCDOT, and a second by Jennifer Bastian, IDOT, the Minutes from the 3-10-16 Technical subcommittee conference call meeting were approved without exception.

**5.  
Update: Diesel-electric Locomotive Procurement – Jennifer Bastian:**

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

- *All previous invoices for project milestones have been paid by IDOT. New invoice for Change Order #5 (Grab Handles) is being processed by IDOT.*
- *JPEs are reviewing Siemens' revised schedule, which now indicates a 2 to 3-week schedule slip for the first 11 locomotives. The overall schedule for delivery of the last locomotive is still within the ARRA funding window. IDOT is monitoring schedule closely with weekly meetings with Siemens focused on schedule.*
- *All of the supplier's factory FAIs are complete. The remaining FAIs will take place at Siemens' factory in Sacramento. At the time when the locomotive-complete FAI is scheduled in early June, it is planned that the FRA sample car inspection can also take place.*
- *The next monthly QA review is planned for April 13<sup>th</sup> at Siemens factory in Sacramento.*
- *All carbody compression and structural tests have been successfully completed and the tested carbody is now in paint prep.*
- *The first two of 15 DCRs have been sent to Tammy Krause. Our plan is to submit between two (2 ea) and four (4 ea) DCRs per week to finish the process. The Diesel Electric DCRs are tracking parallel to the edits for the Dual Mode Locomotive Specification.*
- *The test plan for 125 mph testing on the North East Corridor is being prepared and will be submitted to FRA by MARC, with IDOT/JPE will send letter of concurrence.*
- *Each JPE has had kick-off meetings with Siemens and Amtrak for commissioning of the locomotives, as working out details for pre-revenue test plans.*
- *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.*
- *Please refer to Jennifer Bastian's report the Diesel Exhaust Fluid (DEF) planning team.*
- *The locomotive weight was reported in February 2016, at 271,924 lbs (+/-). Based on actual component weights, the locomotive weight has varied little in the last six months. The calculated P2 force is within specified limits. Weight is being closely monitored, each month.*

**6.  
Update: DEF Working Group – Jennifer Bastian:**

Jennifer Bastian, IDOT, provided a brief update on the activities of the DEF Working Group:

The group is working with Amtrak to answer questions on the process.

The environmental review is with Amtrak and is ongoing.

The Agreement with Amtrak and IDOT is going back and forth between the two parties getting finalized.

The next DEF working group meeting is scheduled for Thursday 3-31-16.

**7.**

**Update: Bi-Level Car Procurement – Momo Tamaoki:**

Momo Tamaoki, Caltrans, provided a brief update on the status of the Bi-Level car procurement:

One FAI is scheduled for 4- 7/8 - 16 in Rochelle, Illinois.

The manufacturer has made some progress on the car shell re-design.

The next web update meeting on the car shell re-design will take place in the week of 4-4-16.

The next face to face meeting may take place in Sacramento, CA in the week of 4-25-16.

The next version of the revised production schedule is anticipated for mid-April.

The next QA and maintenance readiness meeting will take place in Rochelle, Illinois on 4-7-16.

**8.**

**Document Control Update:**

Tammy Krause was on vacation and unavailable for today's call. While there was no formal update, Steve Hewitt reported that Tammy had provided him (and AASHTO) the final – official – PRIIA Dual Mode (DC 3<sup>rd</sup> Rail) Locomotive specification 305-011, and it can be obtained through the NGEC process by going to the website and following the described steps for requesting specifications.

**9.**

**Other Issues:**

Dale Engelhardt commented on the fact that the Diesel-electric locomotive, while it is progressing well and is within 2-3 weeks of being on schedule it is "revealing as to just how much detail it takes to get equipment ready for revenue service." Dale called it "an awakening" even for those who have been doing this a long time.

He underlined the fact that the effort will continue to move forward with the goal for both procurements and for the NGEC being to "get hardware on the tracks".

**Adjourn:** With no other issues to come before the subcommittee today, Dale Engelhardt adjourned today's conference call meeting at 3:15PM Eastern.

**Next Call: April 7, 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)

**AWG Update:** As of the last report, the Accessibility Working Group had a meeting this week with participants from Amtrak, FRA, manufacturers and the Access Board to review Oregon State University's preliminary work on accessibility restrooms. Good feedback was received and OSU will go back and incorporate the comments received accordingly. Melissa will, as noted previously, provide a status report at the NGEC Annual Meeting in DC on 2-19-16.

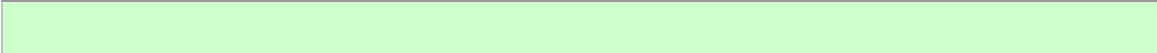
**Status: Melissa provided a background and status update during the Annual Meeting – the presentation is available on the NGEC website. (ongoing)**

**RVAAC Update:** 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).

**Status: Melissa provided a background and status update during the Annual Meeting – the presentation is available on the NGEC website. (ongoing)**

<p><b>Requesting Backgrounder educational document:</b> The Executive Board is currently considering a new “two-pager” education and outreach document. Once approved, it will be printed by AASHTO and made available to all members.</p>
<p><b>Maintaining Industry Participation List:</b> This remains an ongoing action item. There are currently <b>258</b> registered industry participants. (Ongoing)</p>
<p><b>DEF Working Group:</b> Progress continues and regular bi-weekly updates are provided to the subcommittee. (Ongoing)</p>
<p><b>AAR Committee:</b> Next update: 4-7 -16. (Ongoing)</p>
<p><b>GAO project:</b> The GAO team is in the process of writing the DRAFT report for internal circulation with a target /estimated time frame for agency review and comment in April, 2016. The next GAO update to the Technical subcommittee is due on 4-7-16. (Ongoing)</p>
<p><b>Procurement Updates:</b> Progress reports from the lead states on the two PRIIA multi-state equipment procurements are provided on each technical subcommittee call. (ongoing)</p>

**ATTACHMENTS**



**PRIIA Section 305 Tech Sub Committee Meeting**

**March 24, 2016**

The agenda for the meeting is below:

- |  |                  |
|--|------------------|
| 1. Roll Call                           | Steve Hewitt     |
| 2. Review meeting agenda               | Dale Engelhardt  |
| 3. Review Action Items                 | Steve Hewitt     |
| 4. Approve Minutes of March 10, 2016   | Dale Engelhardt  |
| 5. Update: Diesel-electric Procurement | Jennifer Bastian |
| 6. Update: DEF Working Group           | Jennifer Bastian |
| 7. Update: Bi-level Procurement        | Momo Tamaoki     |
| 8. Document Control Update             |                  |
| 9. Other Issues                        | All              |

10. Review this meeting:

Steve Hewitt

- a) Decisions
- b) New Action Items

***Technical Sub Committee Conference Call Meeting:  
Thursday March 24, 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 – 4-7-16 at 3:00pm Eastern***