

# SECTION 305 TECH SUB COMM

MINUTES

APRIL 21, 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, Melissa Shurland for Jeff Gordon, Allan Paul, Momo Tamaoki, Marci Petterson, Jennifer Bastian, Tammy Krause, Renee Strol, Michael Burshtin, Curtis McDowell, Jeff Schultz, Steve Hewitt, <b>Industry Members:</b> Paul Jamieson, Jack Madden, Steve Morrison, Glen Rees, Tom Hunt, Al Bieber, Wulf Dickie, Richard Stegner, Martin Bloedt
<b>ABSENTEES</b>	<i>Mario Bergeron, Jeff Gordon, Charlie Poltenson, Phil Meraz, Troy Hughes, Andrew Wood, Jonathan Hines, Jay Gilfillan, Jason Biggs, Vincent Brotski, Michael Burshtin, Jonathan Hines, Devin Rouse, Anand Prabhakaran, Charles Bielitz, Nico Lindenau, Michael Coltman, Brian Marquis, Larry Salci, Shayne Gill,</i>

## DISCUSSION/DECISIONS MADE

1.

In the absence of Chairman Mario Bergeron, 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 **259** registered industry participants. We added one new member this morning – Martin Bloedt, Siemens – welcome!

**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.

**Status: There is no update for today.**

**Requesting Backgrounder 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 4-7-16, work was progressing and outreach had been made to the FRA Office of Safety with regard to containment and possible testing. An AWG meeting will be arranged in the near future to discuss this and other issues.

**Status: Nothing new to report for 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). As of 4-7-16 there was nothing new to report other than that the work of the AWG will provide input into the Access Board and its report.

**Status: Nothing new to report for today.**

**GAO project:** As of 4-7-16, the GAO team was continuing to work on drafting the report and obtaining internal review. It is anticipated that the Draft report will be released to the agencies (FRA and Amtrak) in the next week or so for their review and comment.

**The next GAO update to the Technical subcommittee is due on 5-5-16.**

**AAR Committee:** As of 4-7-16, there had not been a lot of activity from the committee since November. There are key issues that will need TTCI input - namely - VTI, loss of shunt, and interoperability. It was anticipated that Dave Cacovic would be scheduling a meeting soon.

**Next update: 5-5-16.**

**4.**

**Approve Minutes from April 7, 2016 – Dale Engelhardt:**

On a motion by Allan Paul, NCDOT, and a second by Jennifer Bastian, IDOT, the Minutes from the 4-7-16 Technical subcommittee conference call meeting were approved without exception.

**5.**

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

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

- *All previous invoices for project milestones have been paid by IDOT. New invoices for Change Order #5 (Grab Handles) and Change Order #20 (Layer 3 Switch for XITCS) are being processed by IDOT.*
- *JPEs received Siemens' revised schedule and conduct weekly conference calls. Although some delay for the first 11 locomotives and a 6-day delay for the balance of the production, the overall schedule for delivery of the last locomotive is still within the ARRA funding window.*
- *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 monthly QA review was held on April 13<sup>th</sup> at Siemens factory in Sacramento. The meeting in May is planned for 5/11.*
- *The diesel engine for locomotive #1 was started 4/18 and functional tests for locomotive sub-systems for unit #1 continue. JPE subject matter experts are witnessing the tests.*
- *The first six of 15 DCRs have been sent to Tammy Krause. We target to submit six more DCRs early next week. 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 was submitted to FRA by MARC. IDOT/JPE will send letter of concurrence.*
- *Each JPE are working details for commissioning of the locomotives, and 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.*
- *There next Diesel Exhaust Fluid (DEF) planning team meeting will be May 2nd.*
- *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 and we expect the up-date for March, this week.*

**6.**

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

Jennifer Bastian reported that the last DEF working group meeting took place on 4-18-16.

At that meeting the group went over training information related to the environmental team – provided by Siemens.

Additional information needed has been identified and will be brought forth and discussed during the next meeting.

Dale Engelhardt commented that DEF has unique requirements impacting its handling, including temperature etc. Supporting DEF is a challenge – and it is possible that permits may ultimately be required.

**7.**

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

Momo Tamaoki provided the following update on the Bi-Level car procurement for inclusion in today's minutes:

*FAIs – Truck FAI was conducted on April 7 & 8. There are some open items remaining, so a follow up FAI will be conducted soon. Manual Door FAI is scheduled for May 24.*

*Carshell –NS is making progress in analysis on the countermeasures' effectiveness. They are building Mock-Ups of some portions of the Side Panel. This is a trial build of a modified Side Panel so that they can confirm the manufacturability, actual appearance and effects of heat by additional welding, etc. Results will be fed back to the final design presented to the customer team for approval. Next update meeting is scheduled on April 27 in Sacramento (face to face).*

*Schedule –A brief schedule meeting held in Rochelle, IL on 4/7, and Caltrans/IDOT explained our expectations. To help expedite some of the redesign effort, we continue to hold ongoing meetings with NS via GoToMeetings as well as face to face meetings.*

*Misc. – Both Caltrans/IDOT exterior design have been submitted to NS; various project plans, such as engineering plan, configuration management plan, and QA plan are being audited for its accuracy and implementation by Caltrans/IDOT team; draft manuals of various components have been submitted to Caltrans/IDOT for our subject matter experts' review.*

**8.**

**Document Control Update:**

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

*I am going to send Steve Hewitt a summary chart with all the DCRs for the Bi-level specification this afternoon (4-21-16). I will ask Steve to send it to the entire technical subcommittee. I would like to get comments back by the next meeting. I will bring up any comments at the next meeting. I would propose to vote on approving the changes at the meeting on May 19. That is the document control update.*

Dale Engelhardt asked Steve Hewitt to add an agenda item to the next call (5-5-16) for discussion of any comments that may be forthcoming.

Steve agreed to also add an item to the 5-19-16 call for a subcommittee vote for approval of the changes. (It is possible that, if there are no comments, the approval vote could occur on 5-5-16).

**9.**

**Other Issues:**

None forthcoming.

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

In adjourning the meeting, Dale asked anyone who has anything they would like on the agenda of future technical subcommittee calls to please let him and Steve Hewitt know.

Dale also reminded all members to review the Bi-level summary of changes, to be distributed later today, and send your comments in to Tammy Krause. ([krauset@amtrak.com](mailto:krauset@amtrak.com)) prior to the next call.

**Next Call: May 5, 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. Work is progressing and outreach has been made to the FRA Office of Safety with regard to containment and possible testing. An AWG meeting will be arranged in the near future to discuss this and other issues.

**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).

**Requesting Background educational document:** 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.

**Maintaining Industry Participation List:** This remains an ongoing action item. There are currently **259** registered industry participants. (Ongoing)

**DEF Working Group:** Progress continues and regular bi-weekly updates are provided to the subcommittee. (Ongoing)

**AAR Committee:** Next update: 5-5-16. (Ongoing)

**GAO project:** The GAO team is continuing to work on drafting the report and obtaining internal review. It is anticipated that the Draft report will be released to the agencies (FRA and Amtrak) in the next week or so for their review and comment. The next GAO update to the Technical subcommittee is due on 5-5-16. (Ongoing)

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

**Review/approval of summary of changes – Bi-Level car C.3** – Tammy Krause will be providing the summary chart with all of the DCRs for the Bi-level specification to Steve Hewitt later today (4-21-16) for distribution to all subcommittee members for review and comment. Comments are due in advance of the next call – 5-5-16. Steve Hewitt will add an agenda item to allow for time on 5-5-16 for discussion of any comments that may be submitted. The summary will be considered for approval on 5-19-16, unless there are no comments. If that is the case, it may be considered for a vote on 5-5-16.

#### ATTACHMENTS



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

#### **PRIIA Section 305 Tech Sub Committee Meeting**

**April 21, 2016**

The agenda for the meeting is below:

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|--------------------------|-----------------|
| 1. Roll Call             | Steve Hewitt    |
| 2. Review meeting agenda | Dale Engelhardt |

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| 3. Review Action Items                 | Steve Hewitt     |
| 4. Approve Minutes of April 7, 2016    | Dale Engelhardt  |
| 5. Update: Diesel-electric Procurement | Jennifer Bastian |
| 6. Update: DEF Working Group           | Jennifer Bastian |
| 7. Update: Bi-level Procurement        | Momo Tamaaki     |
| 8. Document Control Update             | Tammy Krause     |
| 9. Other Issues                        | All              |
| 10. Review this meeting:               | Steve Hewitt     |
| a) Decisions                           |                  |
| b) New Action Items                    |                  |

***Technical Sub Committee Conference Call Meeting:***  
***Thursday April 21, 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 – 5-5-16 at 3:00pm Eastern***