

SECTION 305 TECH SUB COMM

MINUTES

MAY 19, 2016

3:00PM EASTERN

CONFERENCE CALL

FACILITATOR	<i>Dale Engelhardt, Vice Chair, NGENC Technical Subcommittee</i>
ATTENDEES	Core Team Members: Dale Engelhardt for Mario Bergeron, Jeff Gordon, Allan Paul, Momo Tamaoki, Jeff Schultz for Marci Petterson, Art Peterson for Jennifer Bastian, Charlie Poltenson, Phil Meraz, Troy Hughes, Tammy Krause, Michael Burshtin, Curtis McDowell, Jay Gilfillan, Melissa Shurland, Sal DeAngelo, Dave "Emeritus" Warner, Steve Hewitt, Industry Members: Jack Madden, Steve Morrison, Tom Hunt, Wulf Dickie, Richard Stegner, Martin Bloedt, Pat Sheeran, Fran Nelson, Josh Coran, Lew Hoens, Kevin Myles, Eloy Martinez, Tom Sisler, Jonathan Michel, Bill Saddler, Matt Spiel
ABSENTEES	<i>Mario Bergeron, Marci Petterson, Jennifer Bastian, Jason Biggs, Andrew Wood, Jonathan Hines, Vincent Brotski, Devin Rouse, Anand Prabhakaran, Charles Bielitz, Nico Lindenau, Michael Coltman, Brian Marquis, 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

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 **260** registered industry participants. We added one new member this week – Matt Spiel – HNTB – 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: Nothing to report today.

Requesting Backgrounder educational document: The NGENC Executive Board has approved final changes to a new "two-pager" education and outreach document. MO DOT is finalizing with the recommended changes, and once completed, 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: Melissa Shurland reported that she is working with Amtrak on finalizing the layouts and anticipates having an AWG web-conference call in early June.

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.

Status: Nothing new to report for today.

**4.
Approve Minutes from April 21, 2016 – Dale Engelhardt:**

On a motion by Charlie Poltenson, NYSDOT, and a second by Allan Paul, NCDOT, the Minutes from the 4-21-16 Technical subcommittee conference call meeting were approved without exception.

**5.
Update: Diesel-electric Locomotive Procurement – Richard Stegner for Jennifer Bastian, IDOT:**

Richard Stegner provided the following update (on behalf of IDOT) 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. Final FAIs are scheduled for June 7-9. The FRA sample car inspection will also take place on June 8.*
- *The monthly QA review was held on May 11th at Siemens factory in Sacramento. The meeting in June will be deferred for the final FAI for the locomotive and resumed in July.*
- *The Tier-4 Certificate has been received by Siemens/Cummins for the diesel engine. Load testing for the engine continues this week at Siemens factory.*
- *Testing for locomotive #1 and functional tests for locomotive sub-systems for unit #1 continue. JPE subject matter experts are witnessing the tests.*
- *IDOT is adding additional in-plant QA inspectors to cover inspections for our option locomotives.*
- *All fifteen (15 ea.) DCRs have been sent to Tammy Krause.*
- *The test plan for 125 mph testing on the North East Corridor was submitted to FRA by MARC.*
- *Each JPE are 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.*
- *The next Diesel Exhaust Fluid (DEF) planning team meeting will be June 13th.*
- *The locomotive weight was reported in March 2016, at 271,950 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 April, this week.*

**6.
Update: DEF Working Group – Richard Stegner for Jennifer Bastian:**

Richard Stegner reported that the DEF working group met last week.

The group is going over open questions with Amtrak regarding some of the dimensions and characteristics of the locomotives.

They are also reviewing with Amtrak the logistics for DEF for the start-up of service.

Dale Engelhardt noted that there is one concern, which can be worked out, with regard to monitoring the gallons of DEF.

Richard noted that there is an industry supply rep on the working group calls and "we can ask if a flow meter could be incorporated."

The next meeting will take place on 6-13-16.

Dale provided a basic overview/context of the overall DEF issue and the activities of the working group for those who are new to these subcommittee calls, explaining that the group is looking at the handling and delivery of DEF.

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 – Pre FAI for Manual Door was conducted on May 3. It was successful, so the official FAI will take place on May 24, next Tuesday.*
- *Carshell –NS is making progress in Carshell re-design. The sidewall Mock-Up specimen is now complete. Caltrans resident inspector inspected the specimen and reported that everything looks good. We will receive a formal report from NS on this mock-up soon. (This was 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.) Next Carshell update meeting is scheduled in the week of June 6 via web conference.*
- *Testing –We are in the middle of the endurance test for the door cycle count. I receive weekly updates from our Subject Matter Expert reported and so far there has been no issue. The completion of this test will be end of July. (For this week's report, the cycle count is at 235,296 out of 500,000 and no issue.)*
- *Misc. – Draft manual for battery has been submitted. Caltrans distributed the draft to our local partners at Amtrak and JPAs for their review and comments.*

8.**Document Control Update: Tammy Krause:**

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

The changes to Specification 305-912 have been incorporated into a DCR and approved. This was necessary for the revision control of the specification. This is now with Camren Cordell and she can now finish Revision A. I will send a notice to Steve when it is complete and available through the website.

As you know, Jack Madden retired from the NYDOT and the Locomotive Technical working group no longer has a leader. I have partially processed the Locomotive spec DCRs but I need a contact to get them approved. I would ask if any state partners would be interested in taking over management of the group?

Dale and Steve Hewitt will have an off line discussion with regard to a team leader for the locomotive working group. Rich Stegner volunteered his services, if it was not seen as a conflict.

Last thing is I would like to get a vote to approve the Bi-Level Specification Revision C.4. I have received no comments on the proposed changes so I would request that someone make a motion to approve the specification and send it to the Executive Board.

9.**Consider approval of the Bi-Level Car DCRs – Revision C.4 – Dale Engelhardt:**

Acting on Tammy Krause's request for a motion to approve the Bi-level Specification C.4, Dale Engelhardt accepted a motion to approve offered by Charlie Poltenson, NYSDOT and a second by Allan Paul, NCDOT.

With no further discussion forthcoming Dale asked Steve Hewitt to poll the voting members:

Dale Engelhardt, Amtrak – approve
Jeff Gordon, FRA – approve
Momo Tamaoki, Caltrans - approve
Allan Paul, NCDOT – approve
Charlie Poltenson, NYSDOT – approve
Jeff Schultz for Marci Petterson, Conn DOT – approve
Art Peterson for Jennifer Bastian, IDOT – approve
Phil Meraz, Iowa DOT – approve
Troy Hughes, Missouri DOT – approve

With a quorum having been established and all votes cast in the affirmative, Dale Engelhardt determined that consensus has been achieved and the motion is approved.

Tammy Krause will provide Steve Hewitt with the approved document and he will send to the Executive Board for its discussion on its next call 5-24-16. Steve will add this item to the Board's meeting agenda and Tammy Krause will address the topic and advise the Board as to next steps to adopt Bi-Level Car Specification Revision C.4.

**10.
AAR Committee Update – Jeff Gordon, FRA:**

Jeff Gordon reported that Dave Cackovic the AAR lead on this effort is reactivating the committee. The next meeting will take place on 5-27-16. It will be a 3-hour call with a focus on the work of the VTI and Interoperability sub groups. (There are a total of 7 sub-groups.)

**11.
Status: GAO Study DRAFT Report – Steve Hewitt for Maria Wallace, GAO:**

Maria Wallace, GAO, was unavailable for today's call, but provided the following up date to Steve Hewitt:

We received agency comments on our Rail Grant Oversight draft from FRA and are in the midst of final report processing. You should be receiving a copy of the final report once it is cleared for public issuance. Thanks for your involvement and assistance with our team during the course of our review.

Steve noted that this will conclude this action item and there will be no further updates provided by the GAO team as the project has been completed. Steve, once he has received the final report will share as appropriate.

**12.
Other Issues:**

None forthcoming.

Dale encouraged subcommittee members to send any topics they would like to discuss to Dale, Steve Hewitt and Mario Bergeron.

Adjourn:

With no other issues to come before the subcommittee today, Dale Engelhardt adjourned today's conference call meeting at 3:27PM Eastern.

Next Call: June 2, 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: Melissa Shurland reported that she is working with Amtrak on finalizing the layouts and anticipates having an AWG web-conference call in early June.

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.

Nothing new to report.

Requesting Backgrounder educational document: The Executive Board is currently finalizing 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 **260** registered industry participants. (Ongoing)

DEF Working Group: Progress continues and regular bi-weekly updates are provided to the subcommittee. The next call will take place on 6-13-16 (Ongoing)

AAR Committee: The committee is being reactivated and two of the 7 sub-groups (VTI and Interoperability) will be meeting on 5-27-16 on a 3-hour call. The next update: 6-16-16. (Ongoing)

GAO project: The GAO team has received agency comments on its Rail Grant Oversight draft from FRA and are in the midst of final report processing. Once the report is final, the GAO team will send it to Steve Hewitt. (Task complete)

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.4 – The subcommittee approved the Bi-Level Car Specification Revision C.4 on today's call. It will now be submitted to the NGEC executive Board for its consideration.

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

May 19, 2016

The agenda for the meeting is below:

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|--|-----------------|
| 1. Roll Call | Steve Hewitt |
| 2. Review meeting agenda | Dale Engelhardt |
| 3. Review Action Items | Steve Hewitt |
| 4. Approve Minutes of April 21, 2016 | Dale Engelhardt |
| 5. Update: Diesel-Electric Procurement | Richard Stegner |
| 6. Update: DEF Working Group | Richard Stegner |
| 7. Update: Bi-level Procurement | Momo Tamaoki |
| 8. Document Control Update | Tammy Krause |
| a. Status Update: 305-912 Rev B | |
| b. Status Update: Locomotive DCRs | |
| c. Review/Discuss: Bi-Level Summary of Changes - comments received | |
| 9. Consider approval of Bi-Level Changes | Dale Engelhardt |

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| 10. AAR Committee update | Jeff Gordon |
| 11. Status: GAO Study DRAFT report | 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 5-19 - 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 – 6-2-16 at 3:00pm Eastern***