

SECTION 305 TECH SUB COMM

MINUTES

FEBRUARY 11,
2016

3:00PM EASTERN

CONFERENCE CALL

FACILITATOR	<i>Dale Engelhardt, Vice Chair, NGENC Technical Subcommittee</i>
ATTENDEES	Core Team Members: Dale Engelhardt, Jeff Gordon, Momo Tamaoki, Charlie Poltenson, Marci Petterson, Jennifer Bastian, Phil Meraz, Eric Curtit, Lynn Harris, Michael Burshtin, Andrew Wood, Jeff Schultz, Art Peterson, Sal DeAngelo, Dave "Emeritus" Warner, Steve Hewitt, Guest: Swati Deo Industry Members: Paul Jamieson, Tom Sisler, Josh Coran, Pat Sheeran, Jack Madden, William Slater, Joe Moore, James Michel, Craig McKeen, Tom Hunt, Richard Stegner, Al Bieber
ABSENTEES	<i>Mario Bergeron, Allan Paul, Curtis McDowell, Jason Biggs, Tammy Krause, Vincent Brotski, Jay Gilfillan, Jonathan Hines, Devin Rouse, Anand Prabhakaran, Charles Bielitz, Nico Lindenau, Michael Coltman, Brian Marquis, Larry Salci, Shayne Gill</i>

DISCUSSION/DECISIONS MADE

1.

Vice Chairman 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 **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.

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

"The ECP Test Waiver Decision Letter dated February 9, 2016 has been issued. No further restrictions regarding the test program were identified beyond those contained in the waiver request submittal. The waiver is good for three years. The test committee must meet at least every six months to confirm that the test program will continue. A test committee meeting will be scheduled during March.

*The waiver docket FRA2015-78 is available on the following website:
<http://www.regulations.gov/#!docketDetail;D=FRA-2015-0078>*

Interoperability testing is on schedule for a May demonstration.

ECP information must be provided to the event recorder has been identified as an issue that will impact the train static and dynamic testing. A resolution to the event recorder information transfer has been identified. The schedule impact will be reviewed next week."

Requesting Backgrounder educational document: The Backgrounder remains available upon request. Please contact Steve Hewitt at shewitt109@aol.com if you want to receive Backgrounders. Provide the quantity requested and

an address for sending them to.

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: There is nothing new to report at this time – an update will be provided at the NGEC Annual Meeting by Melissa Shurland.

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: There is nothing new to report at this time – an update will be provided at the NGEC Annual Meeting by Melissa Shurland.

**4.
Approve Minutes from January 28, 2016 – Dale Engelhardt:**

On a motion by Jeff Gordon, FRA, and a second by Jennifer Bastian, IDOT, the Minutes from the 1-28-16 Technical subcommittee conference call meeting were approved without exception.

**5.
Document Control Update – Steve Hewitt:**

Steve Hewitt reported that the Dual Mode (DC 3rd Rail) Locomotive Specification was formally adopted by the NGEC Executive Board on February 2, 2016. The next step is to have the signature page completed and dated. The specification will then be included, officially, as the 6th PRIIA Vehicle Specification developed and adopted by the NGEC and will be made available, upon request, through the NGEC process.

**6.
Update: Procurements:**

Bi-level Cars –Momo Tamaoki, Caltrans:

Momo Tamaoki, Caltrans, provided the following Bi-level procurement update for inclusion in today's minutes:

- The most recent FAIs – windows – were fully approved.
- Work on refinement of the car shell model continues.
- The next car shell meeting has not yet been scheduled.
- With regard to the revised project schedule, Caltrans and IDOT have asked the manufacturer to provide more detail.
- The next project schedule revision is anticipated to be presented in March.
- A Quality Assurance readiness meeting is scheduled for March 3rd.
- Caltrans has developed a presentation on the bi-level procurement for the NGEC Annual Meeting – it is currently under review by FRA and others.

Diesel Electric Locomotives – Jennifer Bastian:

Jennifer Bastian, IDOT, provided the following update on the diesel-electric locomotive procurement for inclusion in today's minutes:

- *All open invoices for project milestones have been paid by IDOT.*
- *Midwest states reached an agreement on a way to move forward with Amtrak on the operator agreement. John Oimoen and Mario Bergeron need to talk and then if Amtrak is in agreement with our path forward I can start meeting with Amtrak- lot to accomplish in the next 6-9 months.*

- JPEs are reviewing Siemens' revised schedule Rev I, which now indicates approx. 13 calendar day 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 and a comprehensive schedule review meeting is planned at Siemens Factory by IDOT/Caltrans & WSDOT next week.
- All of the vendor factory FAIs are complete. The remaining FAIs will take place at Siemens' factory in Sacramento.
- The first monthly QA review was held on February 10th at Siemens factory in Sacramento.
- The carbody compression and other structural tests will take place February 16, 17, & 25th.
- DCR work with Camren Cordell will begin today and the first of the 15 DCRs will be sent to Tammy Krause as they are completed.
- 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 Cacovic is the facilitator.
- The locomotive weight was reported in January 2016, at 271,671 lbs (+/-), due to actual component weights coming in, the trend continues to be a bit better than expected. The calculated P2 force is within specified limits. Weight is being closely monitored, each month.

7.

Update: Diesel Exhaust Fluid (DEF) / UREA Working Group - Jennifer Bastian:

Jennifer Bastian, IDOT, provided the following, DEF working group update:

The DEF committee met on 2/1:

- Renee Strolis, member from Amtrak did a visit to the west coast, including a visit to the Siemens plant to see the Charger locomotive in production
 1. From that visit
 1. Reviewing ground power needs in CA. Midwest should be OK, but will confirm.
 2. Charger length difference from F59's. (P42)
 3. Went over some information on storage and testing needs for the DEF. We have requested some additional information on industry testing standards for the next meeting.
 4. Went through some questions on Bio-Diesel and identified additional information needed.
- Amtrak Environmental has been engaged and are reviewing permit needs in each state.
- Needed IDOT/Amtrak operator agreement in place so procurement can start. Should be able to start moving forward on that.
- The next meeting is planned for Monday 2/22/2016.

8.

Update: AAR Committee – Jeff Gordon:

Jeff Gordon reported that a meeting he was to have with the AAR Committee leader, Dave Cacovic to get an update on the committee efforts has been postponed until next Wednesday – 2-17-16. Jeff asked to move the next AAR Committee update to the agenda for the next Technical subcommittee call – 2-25-16. Steve Hewitt will add this item to that agenda.

9.

Update: GAO Study – Swati Deo:

Swati Deo, GAO, reported that the GAO team has begun writing its DRAFT report which is anticipated to go to the agencies in April, 2016.

10.

2016 NGEC Annual Meeting – Steve Hewitt:

Steve Hewitt reminded members 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.

The Final DRAFT agenda has been sent out to all NGEC members.

There is no cost to attend – **but please register with Steve Hewitt via email if you plan to attend.** Registering provides a head count and enables AASHTO to prepare name badges and meeting packets for all attendees.

Thus far there are 71 registered attendees for the 6th Annual Meeting of the NGEC. The final list of attendees is due from Steve Hewitt to AASHTO on 2-17-16. Please register with Steve before that date.

Eric Curtit, NGEC Executive Board Chair, thanked the Technical subcommittee members for their continued efforts on behalf of the NGEC. "Thank you all for your help – hope to see you all next week."

Swati Deo asked Steve if there would be presentations available from the Annual Meeting. Steve said all presentations will be posted to the website following the meeting, and that he will send them to Swati and the GAO team following the meeting.

**11.
Other Issues:**

Adjourn: With no other issues to come before the subcommittee today, at PM Eastern, Dale Engelhardt adjourned today's Technical Subcommittee conference call meeting at 3:30PM Eastern.

Next Call: February 25, 2016 – 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. (Ongoing)

AWG report: Progress continues on the restroom drawings. Today, (12-17-15) Melissa Shurland reported that 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. (Ongoing)

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

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

"The ECP Test Waiver Decision Letter dated February 9, 2016 has been issued. No further restrictions regarding the test program were identified beyond those contained in the waiver request submittal. The waiver is good for three years. The test committee must meet at least every six months to confirm that the test program will continue. A test committee meeting will be scheduled during March.

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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 if you want to receive Backgrounders. Provide the quantity requested and an address for sending them to.

A new more concise "message" document has been developed through the Finance and Administrative subcommittee and will be considered for approval at the NGEC Annual Meeting.

DEF Working Group: Progress continues (Agenda item 7) A detailed presentation will be given at the NGEC Annual Meeting 2-19-16 and this item will remain as an ongoing action item on subcommittee calls.

The PRIIA Dual Mode (DC 3rd Rail) Passenger Locomotive Technical Specification adoption: The Dual Mode (DC 3rd Rail) Locomotive Specification was formally adopted by the NGEC Executive Board on February 2, 2016. The next step is to have the signature page completed and dated. The specification will then be included, officially, as the 6th PRIIA Vehicle Specification developed and adopted by the NGEC and will be made available, upon request, through the NGEC process.

AAR Committee: Next update: 2-25-16. (Ongoing)

GAO project: 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 3-10-16. (Ongoing)

NGEC Annual Meeting: The meeting will take place on 2-19-16 in Washington, DC at the Hyatt Regency, Capitol Hill. The agenda and invite to the meeting has been distributed to all NGEC members. Members who plan to attend the meeting should register that intent by sending an email to Steve Hewitt at shewitt109@aol.com

Steve Hewitt agreed to provide all PowerPoint presentations from the Annual Meeting to the GAO team via email. The presentations will also be posted to the website following the meeting.

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

February 11, 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 January 28, 2016 | Dale Engelhardt |
| 5. Document Control Update | Steve Hewitt |
| 6. Update: Procurements | |
| a. Bi-level Cars | Momo Tamaoki |
| b. Diesel-electric locomotive | Jennifer Bastian |
| 7. Update: Diesel Exhaust Fluid (DEF) / UREA Working Group | Jennifer Bastian |

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| 8. Update: AAR Committee | Jeff Gordon |
| 9. Update: GAO Study | Swati Deo |
| 10. NGEN 2016 Annual Meeting – February 19, 2016 | Steve Hewitt |
| 11. Other Issues | All |
| 12. Review this meeting: | Steve Hewitt |
| a) Decisions | |
| b) New Action Items | |

***Technical Sub Committee Conference Call Meeting:
Thursday February 11, 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 – 2-25-16 at 3:00pm Eastern***