

SECTION 305 TECH SUB COMM

MINUTES

MAY 4, 2017

3:00PM EASTERN

CONFERENCE CALL

FACILITATOR	<i>Mario Bergeron, Chair, NGENC Technical Subcommittee</i>
ATTENDEES	Core Team Members: Mario Bergeron, Jeff Gordon, Allan Paul, Phil Meraz, Marci Petterson, Jennifer Bastian, Charlie Poltenson, Jason Biggs, Tammy Krause, Michael Burshtin, Melissa Shurland, Larry Salci, Steve Hewitt, Industry Members: Joe DiLiello, Paul Jamieson, Richard Stegner, Richard Curtis, Tom Hunt, Jack Madden, Tom LaMano, Glen Rees, Joe Kenas, Steve Morrison, Wulf Dickie, Kevin Myles, James Michel, Bill Saddler, Dick Bruss
ABSENTEES	<i>Dale Engelhardt, Eric Curtit, Andrew Wood, Jonathan Hines, Jay Gilfillan, Jeff Schultz, Art Peterson, Devin Rouse, Anand Prabhakaran, Sal DeAngelo, Charles Bieltz, Michael Coltman, Brian Marquis, Curtis McDowell</i>

DISCUSSION/DECISIONS MADE

1.

Chairman Bergeron, Amtrak, called today's meeting to order and asked Steve Hewitt to call the roll.

After calling the roll, the presence of a quorum was confirmed.

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:

Steve Hewitt 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 around **245** registered industry participants. Steve has updated the industry list with the information at hand, but continues to seek input from members regarding any additional updates or changes they may be aware of.

Requesting Background educational document: Copies remain available, and subcommittee members (core team and industry) who would like a hard copy (copies) should contact Steve at shewitt109@aol.com with the number requested and an address to send 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. (Ongoing)

Status: Paul Jamieson provided the following update for inclusion in today's (5-4-17) minutes. Paul is traveling today and will listen in on the call, but has asked Steve Hewitt to read the update into the record. Anyone who has any questions on the report should reach out to Paul via email at: Paul.Jamieson@sncavalin.com

As of April 5, 2017, the train has completed 127,794 miles in ECP operation and a total on 1,571,097 miles in Emulation operation for a grand total of 1,698,891 miles of ECP and Emulation operation. During March one of the ECP control valves experienced a failure due to contamination. A failure analysis was conducted, corrective action has been taken and implemented.

During train operations, the turnaround procedure used in commuter operations has been identified as an area of improvement. That is, when the train crew wants to change to the cab at the opposite end of the train, the time

required to re-establish control at the opposite end must be shortened while maintaining safety. This improvement will be discussed and implemented in the next standard revision.

The technical working group is currently preparing recommendations for incorporation of the Passenger ECP Brake System into the CFR which will be presented through the FRA Rail Safety Advisory Committee Engineering Task Force.

APTA PR-M-S-020-16 Emulation Performance Requirements and APRA PR-M-S-021-16 ECP Performance Requirements respectively have been approved for publication. These standards should be available on the APTA Standards website during the week of May 8, 2017.

<http://www.apta.com/resources/standards/press/Pages/default.aspx>

Bi-Level Car Procurement: As Caltrans and IDOT are working out some contract issues with the contractor there will be nothing to report for now. As this is expected to be the status for a while, on the last call (1-12-17) Chairman Bergeron asked that this item be removed from the bi-weekly agenda until such time that Caltrans feels that it has an update to provide to the subcommittee. (ongoing)

Distribution of TRB Session presentations: On the 1-12-17 subcommittee call, Jack Madden reported that the TRB session presentations will be made available in March 2017, by TRB, to those who were registered attendees at the TRB Annual Meeting. Jack has confirmed that, if the presenters agree, it is ok to distribute the presentations beyond the TRB registrants. Jack Madden has received permission from all but one of the speakers on the NGEC – TRB panel – to distribute their presentations. As soon as he confirms with the last panelist, he will let Steve Hewitt know.

Status: This Task is complete – the available presentations were distributed by Steve Hewitt on 4-20-17 – Thank you Jack Madden!

AAR Committee: Ongoing – Relevant updates are provided once a month.

Next Update: 5-18-17

Follow up on Times Union Reporter request: On 4-20-17, Jack Madden reported that the NY State budget for the State Fiscal Year starting April 1, 2017, did not include funding for the procurement of Dual Mode locomotives. Jack wrote an op-ed about the importance of replacing the old locomotives with new ones, and it was published in the Schenectady Sunday Gazette on April 9th. As a follow-up, a reporter from the Albany (NY) Times Union, contacted Jack on April 9th and asked him if information was available regarding the frequency of failures of the old Dual Mode Locomotives and delays because of those failures. Jack noted that the primary source of such information would be Amtrak.

Dale commented that all external communications go through the Amtrak Publications Group. If Jack can provide the reporter's contact information and specific questions he is looking for answers to, Dale will take it to the Publications Group.

Action from 4-20-17: Jack was to go back to the Times Union Reporter and get contact information as well as additional specifics and follow up with Dale Engelhardt.

The link to the Schenectady Sunday Gazette April 9, 2017 Op-ed is:
<https://dailygazette.com/article/2017/04/09/state-needs-to-purchase-more-green-trains>

Status: Amtrak publications has contacted the Times Union Reporter – For the purposes of the subcommittee this action item is closed. Task complete

4. Approve Minutes from 4-20-17 – Mario Bergeron:

On a motion offered by Charlie Poltenson, NYSDOT to approve the minutes as drafted, with the minor modifications offered by Jack Madden, and a second by Jennifer Bastian, IDOT, the minutes from the last call held on 4-20-17 were approved as presented.

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

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

- *JPEs continue to work with Siemens on schedule and conduct bi-weekly conference calls.*
- *JPE's and Amtrak have signed agreements for storage, testing and commissioning the locomotives.*
- *Six Caltrans units have been delivered to Oakland and all have run the 500 mile burn in and have been conditionally accepted.*
- *IDOT and Siemens have signed conditional acceptance on IDOT units: 4603- 4611. These units have also completed the 500 mile burn in.*
- *WSDOT units 1400 and 1404 have completed the burn in and been conditionally accepted. 1401, 1402, 1403 & 1405 are in Pueblo and 1406 & 1407 left Sacramento 5/2 heading for Pueblo. The first two units 1400 & 1404 will leave Pueblo for Seattle on May 8th.*
- *IDOT Locomotives 4604 and 4611 are in Chicago and are currently being used to perform the 238.111a testing on the Midwest corridors.*
- *238.111(b) testing was completed at WSDOT and reports have been submitted to Amtrak. Amtrak submitted copies of the reports to the FRA on 5/3. We have requested FRA confirmation of receipt to close out this item.*
- *Caltrans 238.111a test reports were also sent to Amtrak and Amtrak sent to FRA on 5/3.*
- *The WSDOT 213.345 Test report is in preparation to submit to Amtrak.*
- *Letters were sent out by Amtrak to the host railroads 5/3 detailing the tests performed on the chargers and the intent to put into revenue service.*
- *WSDOT and IDOT continue to meet with Amtrak to finalize their respective leases. Caltrans signed its agreement with Amtrak on 4/27.*
- *Amtrak/JPE insurance issues have been resolved and the insurance certificates are in place.*
- *JPE's are working with Amtrak and the FRA on a list of final items that need to be resolved before the locomotives go into revenue service.*
- *Siemens warranty service locations are now established at the JPE's.*
- *Wi-Tronix application, as required by Amtrak is being applied by FMI. One Caltrans unit has been equipped and IDOT units at TTCI are being equipped. Siemens projects Wi-Tronix will complete software in June. The units can go into revenue service only trailing units until this software is installed.*
- *All Document Change Requests (DCR) for the PRIIA specification have been processed to conform the technical specification for as-built configuration.*
- *IDOT and its' Fleet Manager Contractor is now functioning in Chicago.*

6.

Document Control Update – Tammy Krause:

- a. Status: Single Level Specification Review/update

Tammy Krause reported that she has started sending out the DCRs for the single level update. These are the changes from the Bi-Level that could apply to the single levels.

- b. Status: New Timeline for completion

Tammy plans to provide a revised timeline in advance of the next Technical subcommittee conference call.

- c. Status: Review of Brightline spec with PRIIA specification

Tammy reported that Siemens has submitted the DCRs for the Brightline, and they have all been processed per the normal process. Tammy noted also that Rich Stegner has agreed to work with Tammy to look at all the DCRs for the All Aboard Florida /Brightline and determine which ones would apply to the PRIIA Single Level Specification. This will be a more thorough review to conform the Brightline specification to meet the PRIIA Single Level requirements.

For the next call, Mario Bergeron requested that Richard Stegner and Tammy Krause provide a timeline associated with this effort.

8. Electronics on Trains in the Future – next steps – Mario Bergeron:

Mario Bergeon asked Steve Hewitt to review the names of those who have colunteered to participate on the proposed Task Force.

Volunteers to date:

Dale Engelhardt – Amtrak – engelhd@amtrak.com
David Yogev – Oran Safety Glass – david@oran.co.il
Dick Bruss – NARP – rjembruss@gmail.com
Tom Sisler – thomas.sisler@snclavalin.com
Robert Dyk – Robert.dyk@snclavalin.com
Matthew Ercolino – matthew.ercolino@snclavalin.com
Robert Fauvelle – robert.fauvelle@snclavalin.com
Victor Kelley – victor.kelley@snclavalin.com

Mario thanked those who have agreed to participate and approved the establishment of the task force.

The next step is for the task froce to meet and organize itself – name a chair and develop a call schedule and a scope of work and a timeline.

Mario will ask Dale Engelhardt to take the lead in getting the task force started and getting it organized. Steve Hewitt will provide Dale with the list of volunteers.

Dale will be asked to provide a status update on the next Technical subcommittee conference call – 5-18-17.

Status: Accessibility Report – Melissa Shurland:

Melissa Shurland reported that she did not have anything new to report as she is waiting for the contract with OSU to be awarded to begin developing a plan. Once awarded, Melissa will report back.

The expectation is the contract could be awarded in the next week or so.

9. Other Issues:

Dick Bruss asked if there was a status update on the Bi-Level car procurement.

Jennifer Bastian, IDOT, stated that discussions are ongoing – and there may be something more to report in the next month or so.

Adjourn:

With no further issues to come before the subcommittee today, Mario Bergeron adjourned this conference call meeting at 3:42PM Eastern.

Next Call: May 18, 2017 – 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.

Status report as of 5-4-17:

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AWG Update: Melissa Shurland reported that she did not have anything new to report as she is waiting for the contract with OSU to be awarded to begin developing a plan. Once awarded, Melissa will report back.

The expectation is the contract could be awarded in the next week or so.

Requesting Backgrounder educational document: Copies remain available, and subcommittee members (core team and industry) who would like a hard copy (copies) should contact Steve at shewitt109@aol.com with the number requested and an address to send them to.

Maintaining Industry Participation List: There are currently about **245** registered industry participants. Steve has updated the industry list with the information at hand, but continues to seek input from members to let him know of any additional updates or changes they may be aware of.

AAR Committee: Ongoing – Relevant updates are provided once a month.

Next Update: 5-18-17

Procurement Updates:

Diesel-Electric Locomotive Procurement: Progress reports from the lead state on the PRIIA multi-state locomotive procurement is provided on each technical subcommittee call. See agenda item 5. (ongoing)

Bi-Level Car Procurement: As Caltrans and IDOT are working out some contract issues with the contractor there will be nothing to report for now. As this is expected to be the status for a while, on the last call (1-12-17) Chairman Bergeron asked that this item be removed from the bi-weekly agenda until such time that Caltrans feels that it has an update to provide to the subcommittee. Momo Tamaoki, Caltrans, will contact Steve Hewitt and the Chair when there will be something to report and an agenda item will be added to the subsequent conference call.

On 5-4-17, Responding to an inquiry from Dick Bruss, Jennifer Bastian, IDOT, stated that discussions are ongoing – and there may be something more to report in the next month or so.

Document Control Update:

- a. Status: Single Level Specification Review/update

Tammy Krause reported that she has started sending out the DCRs for the single level update. These are the changes from the Bi-Level that could apply to the single levels.

b. Status: New Timeline for completion

Tammy plans to provide a revised timeline in advance of the next Technical subcommittee conference call.

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For the next call, Mario Bergeron requested that Richard Stegner and Tammy Krause provide a timeline associated with this effort.

Future of Electronics on Trains: On 5-4-17, Chairman Bergeron formally established the task force to look at the future of electronics on trains. Mario has asked Dale Engelhardt to take the lead in organizing the task force and establishing a scope and a call schedule. The task force will also name a chair for the task force. Dale will be asked to provide a status update on the next subcommittee call – 5-18-17. Several members contacted Steve Hewitt after the call today to add their names to the task force member list.

Volunteers to date (as of 5-4-17):

Dale Engelhardt – Amtrak – engelhd@amtrak.com
 David Yogev – Oran Safety Glass – david@oran.co.il
 Dick Bruss – NARP – rjembruss@gmail.com
 Tom Sisler – thomas.sisler@snclavalin.com
 Robert Dyk – Robert.dyk@snclavalin.com
 Matthew Ercolino – matthew.ercolino@snclavalin.com
 Robert Fauvelle – robert.fauvelle@snclavalin.com
 Victor Kelley – victor.kelley@snclavalin.com
 Jack Madden – jmadden2217@gmail.com
 Steve Morrison, Siemens – steven.morrison@siemens.com

ATTACHMENTS



PRIIA Section 305 Tech Sub Committee Meeting

May 4, 2017

The agenda for the meeting is below:

- | | |
|--------------------------|----------------|
| 1. Roll Call | Steve Hewitt |
| 2. Review meeting agenda | Mario Bergeron |
| 3. Review Action Items | Steve Hewitt |

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|---|------------------|
| 4. Approve Minutes from 4-20-17 | Mario Bergeron |
| 5. Update: Diesel-Electric Locomotive Procurement | Jennifer Bastian |
| 6. Document Control Update | Tammy Krause |
| d. Status: Single Level Specification Review/update | |
| e. Status: New Timeline for completion | |
| f. Status: Review of Brightline spec with PRIIA specification | |
| 7. Electronics on Trains in the Future – next steps | Mario Bergeron |
| 8. Status: Accessibility Report | Melissa Shurland |
| 9. Other issues | All |
| 10. Review this meeting: | Steve Hewitt |
| a) Decisions | |
| b) New Action Items | |

***Technical Sub Committee Conference Call Meeting:
Thursday 5-4-17 / 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 18-17 at 3:00pm Eastern***