

SECTION 305 TECH SUB COMM

MINUTES

MAY 18, 2017

3:00PM EASTERN

CONFERENCE CALL

FACILITATOR	<i>Dale Engelhardt, Vice Chair, NGENC Technical Subcommittee</i>
ATTENDEES	Core Team Members: Dale Engelhardt for Mario Bergeron, Melissa Shurland for Jeff Gordon, Allan Paul, Jennifer Bastian, Momo Tamaoki, Jason Biggs, Michael Burshtin, Andrew Wood, Sal DeAngelo, Curtis McDowell, Steve Hewitt, Industry Members: Joe DiLiello, Richard Stegner, Richard Curtis, Tom Hunt, Jack Madden, Kevin Myles, James Michel, Bill Saddler,
ABSENTEES	<i>Mario Bergeron, Jeff Gordon, Charlie Poltenson, Marci Petterson, Phil Meraz, Jonathan Hines, Jay Gilfillan, Jeff Schultz, Art Peterson, Devin Rouse, Anand Prabhakaran, Charles Bielitz, Michael Coltman, Brian Marquis, Larry Salci</i>

DISCUSSION/DECISIONS MADE

1.

Vice Chairman Engelhardt, 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, at first, not confirmed. Later in the call, additional members signed on and a quorum was ultimately established.

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 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 **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 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.

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)

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.

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.

Today, (5-18-17) Melissa reported that the contract between FRA and the University is now out of FRA and is with OSU. Melissa will apprise the subcommittee when the contract has been executed.

4.

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

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

- a) JPEs continue to work with Siemens on schedule and conduct bi-weekly conference calls.*
- b) JPE's and Amtrak have signed agreements for storage, testing and commissioning the locomotives.*
- c) Six Caltrans units have been delivered to Oakland and all have run the 500-mile burn in and have been conditionally accepted. The units have been through the pre-revenue joint inspection with Amtrak. All items identified at that inspection will be completed by tomorrow. They will then be ready for revenue service.*
- d) IDOT and Siemens have signed conditional acceptance on IDOT units: 4603- 4611. These units have also completed the 500-mile burn in.*
- e) WSDOT units 1400 and 1403 arrived in Seattle last weekend and are undergoing receiving inspections. 1401, 1402, 1403, 1404, 1406 have completed burn-in and are at TTCI. Two locomotives will ship to Seattle this week. 1405 and 1407 should complete burn-in testing this week. This would complete burn-in for all WSDOT Chargers.*
- f) IDOT Locomotives 4604 and 4611 are in Chicago and completed the testing on the applicable Midwest corridors yesterday. Track Geometry done all corridors. The 238.111a testing on the Michigan and Chicago to St. Louis corridors will be run later due to PTC equipment.*
- h) Caltrans 238.111a test reports were also sent to Amtrak and Amtrak sent to FRA on 5/3.*
- i) The WSDOT 213.345 test report has been submitted by Amtrak to the FRA. WSDOT is waiting a letter from BNSF before this item can be closed out.*
- j) 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.*
- k) WSDOT and IDOT continue to meet with Amtrak to finalize their respective leases. Caltrans signed their agreement with Amtrak on 4/27. IDOT has two remaining items to work through. WSDOT is also getting close to signature.*
- l) JPE's are working with Amtrak and the FRA on the final items that need to be resolved before putting the units in revenue service. One is a purchase order between Amtrak and Siemens for Warrantee labor and equipment usage. A request for formal approval has also been made to the Office of Safety to release the units into Revenue service. We are waiting for the response.*
- n) Siemens warranty service locations are now established at the JPE's.*
- o) Wi-Tronix application, as required by Amtrak is being applied by FMI. One Caltrans unit has been equipped and IDOT units at TTCI have been 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.*
- p) All locomotive Document Change Requests (DCR) for the PRIIA specification have been processed to conform the technical specification for as-built configuration.*

Dale Engelhardt commented that it is great to see the Charger progressing and will be great to see it in revenue service. Jennifer commented that it may be that by the next call it will be.

5.

Document Control Update – Steve Hewitt for Tammy Krause:

Tammy Krause provided the following update for inclusion in today's minutes. Steve Hewitt read them into the record:

The update of the single level specification is temporarily on hold. Rich Stegner will lead an internal team to evaluate various existing equipment specifications, including the PRIIA Bi-level, and will be creating the DCRs to update the specification. As the full scope of the project develops we may reach out for PRIIA volunteers. All the DCRs created will be processed through the technical working groups per NGEN procedures. The approved DCRs will be incorporated into the next version of the single level. We will have a revised timeline after the full scope of work is determined. This will be before the end of June.

**6.
Electronics on Trains in the Future – Dale Engelhardt:**

Overview of the first meeting of this working group held on 5-8-17 – Dale Engelhardt:

It was agreed that the working group will meet every two weeks.

The next meeting will be held on Tuesday, 5-22-17 at 2:00PM CST on 866-209-1307 ID code 4187876.

Those in attendance for the first meeting were:

David Yogev, Tom Sisler, Robert Dyk, Cynthia Dietz, Jack Madden, and Dale Engelhardt

Dale noted that some missed the call due to confusion over the time of the call – it was 2:00PM CST rather than Eastern Time.

During the call, Dale read a proposed scope and asked that all members review it and be prepared to offer comments/changes on the next call.

Dale emphasized that he is looking for a working group leader, as he is formally retiring from Amtrak at the end of June. He hopes to name a leader on the next call.

Anyone interested in volunteering to participate as a working group member please contact Dale Engelhardt at engelhd@amtrak.com

**7.
Update: AAR Committee – Jeff Gordon, FRA:**

Jeff was unavailable today, but did inform Steve Hewitt prior to the call that there was no update for today.

Next update: 6-15-17

**8.
Approval of the Minutes from 5-4-17 – Dale Engelhardt:**

With a quorum having been confirmed, Dale called for a motion to approve the minutes from the 5-4-17 conference call:

On a motion offered by Allan Paul, NCDOT, and seconded by Jason Biggs, WSDOT, the minutes from the 5-4-17 conference call were approved as presented.

**9.
Other Issues:**

Adjourn:

With no further issues to come before the subcommittee today, Dale Engelhardt adjourned this conference call meeting at 3:18PM Eastern.

Next Call: June 1, 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. **No update today (5-18-17)**

Status report as of 5-4-17:

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>

AWG Update: Melissa Shurlans 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.

Status: (5-18-17) Melissa Shurland reported that the contract between FRA and the University is now out of FRA and is with OSU. Melissa will apprise the subcommittee when the contract has been executed.

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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. **No update today – 5-18-17**

Next Update: 6-15-17

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 item 4 above for today's update (5-18-17). (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 Tamaaki, 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.

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DCRs created will be processed through the technical working groups per NGENC procedures. The approved DCRs will be incorporated into the next version of the single level. We will have a revised timeline after the full scope of work is determined. This will be before the end of June.

Future of Electronics on Trains Working Group: On 5-4-17, Chairman Bergeron formally established the working group to look at the future of electronics on trains. Mario asked Dale Engelhardt to take the lead in organizing the task force and establishing a scope and a call schedule.

The first call was held on 5-8-17. Calls will take place every two weeks – the next call is scheduled for 5-22-17 at 2:00PM Central Time.

Members are asked to review and comment on the scope of work presented by Dale on the first call. A volunteer to lead the group is requested considering Dale's pending retirement at the end of June.

Volunteers to date (as of 5-18-17):

Dale Engelhardt – Amtrak – engelhd@amtrak.com
David Yoge – 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
Alex Thomson, Siemen – alex.thomson@siemens.com

Additional volunteers are asked to contact Dale Engelhardt at: engelhd@amtrak.com

ATTACHMENTS



PRIIA Section 305 Tech Sub Committee Meeting

May 18, 2017

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 from 5-4-17 | Dale Engelhardt |
| 5. Update: Diesel-Electric Locomotive Procurement | Jennifer Bastian |
| 6. Document Control Update | Tammy Krause |

- a. Review of revised Timeline for completion of Single Level spec update Tammy Krause
- b. Timeline for completion of Review of Brightline spec with PRIIA spec Rich Stegner/Tammy Krause
- 7. Update: Electronics on Trains Working Group Dale Engelhardt
 - Overview of the first meeting of this working group – held 5-8-17
- 8. Update: AAR Committee Jeff Gordon
- 9. Other issues All
- 10. Review this meeting: Steve Hewitt
 - a) Decisions
 - b) New Action Items

Technical Sub Committee Conference Call Meeting:
Thursday 5-18-17 / 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 –6-1-17 at 3:00pm Eastern