

SECTION 305 TECH SUB COMM

MINUTES

OCTOBER 9, 2014 3:00PM EASTERN

CONFERENCE CALL

FACILITATOR	<i>Dave Warner, Acting Chair for this meeting of the NGENC Technical Subcommittee</i>
ATTENDEES	Core Team Members: Dave Warner for Mario Bergeron, Jeff Gordon for Kevin Kesler, Marci Petterson, (Marci also served as proxy for Jack Madden), Allan Paul, Eric Curtit, Troy Hughes, Phil Meraz, Jeff Oswald, Nikki Rudnick, Michael Burshtin, Andrew Wood, Nico Lindenau, Steve Hewitt Industry Members: Bill Slater, Bill Sadler, Tom Hunt, Josh Coran, Al Bieber, Jonathan Michel, Ted Schaefer, Sherif Bastaweros, Walt Stringer, Paul Jamieson, Craig McKeen
ABSENTEES	<i>Mario Bergeron, Dale Engelhardt, Kevin Kesler, Jack Madden, Charles Poltenson, Art Peterson, Darrell Smith, Tammy Krause, Vincent Brotski, Andrew Wood, Jeff Schultz, Devin Rouse, Melissa Shurland, Anand Probhakaran, Charles Bielitz, Sara Sarkhili, Sal DeAngelo, Michael Coltman, Brian Marquis, Patricia Llana, Curtis McDowell, Larry Salci, Shayne Gill</i>

DISCUSSION/DECISIONS MADE

1.

In the absence of Chairman Bergeron and Vice Chair Dale Engelhardt, Dave Warner, serving as acting chair, called today's meeting to order and asked 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 – Dave Warner:

Dave Warner provided a brief overview of today's meeting agenda.

3.

Review of Action Items – Steve Hewitt:

Steve Hewitt reviewed the open action items, providing a brief update on those items that were not to be specifically covered on the agenda:

Maintaining Industry Participation List: Status: Steve reported that this remains an ongoing action item. There are currently **229** registered industry participants.

Requesting Backgrounder educational document: The updated Backgrounder remains available. Members who would like to receive Backgrounders should let Steve know how many copies are needed and where to send them.

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 four ECP emulation cars continue to operate on the Amtrak Keystone service. The FMECA report was changed to a FMEA report as the criticality can only be determined based on the manufacturers' implementation of the specification requirements. The FMEA final draft report was received. During the last two days, a detailed FMEA review was conducted by the technical subgroup. The FMEA final report and OSHA must be completed by year end."

Approved the Digital Trainline Specification – next steps: It will be forwarded to the Executive Board for approval once some editorial changes are completed by our Technical Writer. **Status: The final – approved version of the spec was submitted to the Executive Board for its review, comment, and consideration. On September 30, 2014 the Executive Board adopted the PRIIA Digital Trainline Hardware Specification, as submitted. As soon as the document has been signed by appropriate parties it will be posted to the**

website.

4. Approval of the Minutes of the September 25, 2014 Technical subcommittee conference call – Dave Warner:

On a motion by Allan Paul, NCDOT, and a second by Phil Meraz, Iowa DOT, the Minutes from the September 25, 2014 Technical subcommittee call were approved without objection.

5. Accessibility Working Group/related issues update –Melissa Shurland:

Melissa was unavailable for today's call and no status report was provided.

6. Document Control update –Dave Warner:

Dave Warner provided the following report for inclusion in today's minutes:

"Larry Salci has completed his work on the Bi-Level C.2 DCRs, and a Review Panel call is scheduled for Thursday, Oct. 16.

Work is just about completed on the review of the Locomotive Rev. A.1 DCRs, Larry reports. As soon as the report is complete, Steve Hewitt will schedule that Review Panel's call.

Finally, and I do mean finally, the major editing of Trainset Rev. A changes, along with the addition of metric units, is complete. Final formatting is in progress, so that perhaps the document can be posted by the end of the month."

7. Status update: Revising the DM Locomotive (DC 3rd Rail) Requirements Document – Al Bieber for Jack Madden:

Al Bieber, on behalf of Jack Madden, NYSDOT, and the Locomotive Working Group, provided the following status/next steps update for inclusion in today's minutes:

"On Tuesday 9/23 we circulated the draft of the proposed changes to the Dual Mode (DC 3rd Rail) Locomotive Requirements Document among the members of the Locomotive Working Group. A number of comments were received and the Loco WG met by conference call on Thursday 10/2 to discuss those comments as well as additional comments made during the call. The resulting revision was circulated one last time, and approved by email by Monday 10/6. Prior to today's Technical Subcommittee Call, Jack Madden provided this version of the Requirements Document to Steve Hewitt for circulation to the Technical Subcommittee for review. Because the next Technical Subcommittee call for Thursday 10/23 has been cancelled due to the Executive Board face-to-face meeting, the next TSC call is scheduled for Thursday 11/6. Consequently, the Loco WG would like to have a vote to approve the revised Requirement Document held during that call.

If TSC members have any comments or questions on the Requirements Document, please submit them to Jack Madden prior to Friday 10/17. The Loco WG will discuss any changes at its call scheduled for Thursday 10/30, and then provide a final revised document to Mr. Hewitt for circulation prior to the planned TSC vote on 11/6. Please note that Jack will be out of the country in Ireland from 10/19-10/28 and will not have access to work email during that time, so these are firm deadlines. The revised DM (DC 3rd Rail) Requirements Document will then have to be approved by the EB. That, together with the approval of the Diesel-Electric locomotive Rev A.1 changes, should occur in November, at which point work on the actual specification will begin.

Mr. Chairman, this concludes the report of the Locomotive Working Group."

8. Update: NGEC Procurements:

Diesel-Electric Locomotive – Dave Warner for Rich Stegner:

Rich Steger provided the following update which was read into the minutes by Dave Warner:

- a) *The last two Milestone 'A' CDRLs (#10 & #11) are being processed.*
- b) *Intermediate design review (IDR) week #1 was held last week in Chicago.*
- c) *Mock-up reviews for the diesel engine room are planned to be conducted at Siemens' 3-D reality-lab in Munich week of December 8th.*
- d) *Long-range planning for FDR is underway. The location for FDR will be in Seattle.*
- e) *A set of legacy locomotive schematics for P42 and F59PHI locomotives are needed for electrical design reviews. (Please contact Rich Stegner)*

Bi-Level Car Procurement –Stan Hunter:

In the absence of Stan Hunter no update report on the bi-level car procurement was provided today.

9. Other – All:

Dave Warner made the following announcement:

"This is my last Technical Subcommittee Call as a paid PRIIA professional at Amtrak. I am retiring from Amtrak on Oct. 24 to begin a new job as the Chief Engineering Officer-Rail Vehicle Engineering at SEPTA, the public transportation authority for Philadelphia. I'm not severing all PRIIA ties, as I plan to continue participating as a "PRIIA emeritus" and industry member. My current duties will be properly transferred to another individual, but I do not wish to mention names today."

Upon hearing the news of Dave's retirement as a PRIIA professional at Amtrak, and his embarking on a new career with SEPTA, many of the subcommittee members on the call (including Eric Curtit, NGEC chair) expressed their gratitude to Dave for all he has done to help the NGEC succeed. All expressed congratulations and well wishes to Dave as he begins his new career at SEPTA. Without question Dave will be missed. Many of the accomplishments of the NGEC can be directly attributed to Dave's incredible knowledge, experience, and dedication.

Thank you Dave! All the best!

Adjourn: At approximately 3:20PM, Dave Warner adjourned today's Technical subcommittee conference call meeting.

Next conference call – November 6, 2014 – 3:00pm Eastern

Decisions and Action Items

RVAAC subcommittee conference calls are held once a month. The schedule was included in the meeting minutes of April 24, 2014. The full RVAAC was set to meet today - September 11-12, 2014. Information on the meetings can be found on the RVAAC website. Members of the Technical subcommittee and Industry participants are asked to assist with support for the subcommittees. If interested in helping please contact Blair Slaughter – slaughB@amtrak.com.

Updating ECP Standards: remains as a standing action item and as activities occur; Paul Jamieson will provide status updates to the subcommittee. (Ongoing)

Today's update:

"The four ECP emulation cars continue to operate on the Amtrak Keystone service. The FMECA report was change an

FMEA report has the criticality can only be determined based on the manufacturers' implementation. The FMEA final draft report was received. During the last two days, a detailed FMEA review was conducted by the technical subgroup. The final report and OSHA must be completed by year end."

Maintaining Industry Participation List: This remains an ongoing action item. There are currently **229** registered industry participants. (ongoing)

Requesting Backgrounder educational document: The "Backgrounder" has been updated to reflect the new Board members and leadership of the Committee, and is available for distribution. Members who would like copies of the new Backgrounder should contact Steve Hewitt.

The Executive Board has directed the Technical Subcommittee to draft a proposed revision to the Dual Mode (DC 3rd rail) Requirements Document. This effort is underway. A draft has been approved by the Technical working group and distributed to all Technical subcommittee members for review and comment. **Comments on the draft revised Requirements document are due by COB October 17, 2014 to Jack Madden at john.madden@dot.ny.gov.** The intent is to consider the revised document for Technical subcommittee approval on the November 6th call.

Stan Hunter agreed to follow up with Rich Stegner on the issue of web- based interface between the locomotives, cars, and digital trainline.

ATTACHMENTS



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

PRIIA Section 305 Tech Sub Committee Meeting

October 9, 2014

The agenda for the meeting is below:

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| 1. Roll Call | Steve Hewitt |
| 2. Review meeting agenda | Dave Warner |
| 3. Review Action Items | Steve Hewitt |
| 4. Approve Minutes of September 25, 2014 | Dave Warner |
| 5. Accessibility Working Group/RVAAC related issues update | Melissa Shurland |
| 6. Document Control update | Dave Warner |
| 7. Status update: Revising the DM Locomotive (DC 3 rd Rail) Requirements Document | Jack Madden |
| 8. Update: Procurements | |
| a. Diesel-electric locomotive | Art Peterson |
| b. Bi-level Cars | Stan Hunter |
| 9. Review this meeting: | Steve Hewitt |
| a) Decisions | |
| b) New Action Items | |

***Technical Sub Committee Conference Call Meeting:
Thursday October 9, 2014 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 – 11-6-14 at 3:00pm Eastern