

SECTION 305 TECH SUB COMM

MINUTES

SEPTEMBER 12,
2013

3:00PM EASTERN

CONFERENCE CALL

FACILITATOR	<i>Mario Bergeron, Chair NGENC Technical Subcommittee</i>
ATTENDEES	Core Team Members: Mario Bergeron, Kevin Kesler, Stan Hunter, Allan Paul, Jack Madden, Jeff Schultz, Art Peterson, Phil Meraz, Melissa Wilbers, Dale Engelhardt, Tammy Krause, Michael Burshtin, Melissa Shurland, Nico Lindenau, Sara Sarkhili, Andy House, Curtis McDowell, Steve Hewitt Industry Participants: Eric Wilde, Jonathan Michel, Al Engel, Robert Doyle, Steve Morrison, Tom Hunt, Walt Stringer, Rich Stegner
ABSENTEES	<i>Kevin Lawson, Dave Warner, Darrell Smith, Greg Gagarin, Jim Lindsay, Andrew Wood, Devin Rouse, Anand Prabhakaran, Charles Bielitz, Jeff Gordon, Michael Coltman, Brian Marquis, Patricia Llana, Larry Salci, Charles Poltenson, Shayne Gill</i>

DISCUSSION/DECISIONS MADE

1.

Chairman Mario Bergeron, called today's meeting to order and asked Steve Hewitt to take the roll. Prior to the roll, Mario pointed out that Steve Hewitt had attended Leo Penne's retirement reception at the time of the last Technical subcommittee call and Mario pointed out that Leo had been an asset to the NGENC and deserved congratulations and best wishes for a happy retirement.

Mario also thanked Dave Warner for filling in for Steve Hewitt's secretariat role on the last call so that Steve was able to attend the retirement function. Steve also expressed his appreciation to the chair and Dave Warner.

Steve called the roll and 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 Agenda – Mario Bergeron:

Chairman Bergeron provided a brief overview of today's meeting agenda and then asked Steve Hewitt to review action items.

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 **227** registered industry participants.

Requesting Backgrounder educational document: Backgrounders have been extremely well received. Backgrounders remain available and all are encouraged to use them – educate your own leadership as well as legislators. Subcommittee members should contact Steve Hewitt at shewitt109@aol.com if they would like to receive hard copies of the NGENC Backgrounder document. Please provide a mailing address and the number of copies being requested. **Status:** The Backgrounders are being updated, and a new version – a one pager – double sided – will be available soon. Contact Steve Hewitt for copies of either version.

Updating ECP Standards: Status: This is an ongoing item which the Technical subcommittee is tracking – it is anticipated that status updates will take place on every other call rather than on each call. **Status:** Paul Jamieson submitted the following report for inclusion in today's minutes:

"Current project status has addressed these items:

• *26C service portion characterization will be completed within the two weeks. Field testing is completed and a draft*

report is being prepared. New product testing is scheduled.

- Safety analysis RFQ has been distributed to over 200 potential vendors. Responses are due next week for evaluation with a cross functional team.
- APTA equivalent to AAR S-4200 performance requirements has been drafted and needs to be completed with the 26C characterization information which will address the emulation operation.
- APTA equivalent to AAR S-4210 cabling specification is being prepared with consideration to the APTA document format while maintaining the relation to the AAR document numbering.
- Final program schedule with field testing costs identified is scheduled for completion in October 2013."

Any questions you may have should be addressed to Paul Jamieson or Jeff Gordon.

Working/Review Group – Developing Commuter Equivalent of NGEC Bi-Level Specification: This effort (not an official NGEC effort) continues with Kevin Kesler, FRA, in the lead. kevin.kesler@dot.gov. Kevin Kesler has met (conference call) with Gavin Frazier, and both agree that the path being taken by Metro North in developing its Dual Mode spec is the right one with the NGEC utilized as a resource. On the last call, Kevin pointed out that what was included in the previous status update was incorrect. He stated it is not necessary for the NGEC to develop additional specification resources, but using external resources when available, such as how Metro North is using the PRIIA locomotive specification as the baseline for their dual mode locomotive specification, is a good path forward. PRIIA can "check specifications out to the industry," and then when those specifications are complete, they would be "checked back in" to a PRIIA library. The Technical subcommittee would then review the changes. Kevin agreed to take an action suggested by Dave Warner, to put his concept in writing and submit it to the Technical subcommittee for review and possible vote. Kevin further suggested that the written procedure/concept could also be voted on by the Executive Board. **Status:** Kevin has submitted the draft concept to Chairman Bergeron and it is under review. Mario and Kevin agreed to discuss the concept proposal at some point when in Columbus for the Executive Board meeting September 26, 2013.

Metro North Dual Mode Specification: Jack Madden, NYSDOT, will keep the subcommittee updated on the status of the Metro North Dual Mode specification as it is developed. (This is an internal New York State process and it is not an official NGEC effort.) This will remain as an open item to track the progress being made. **Status:** Jack Madden reported that Metro North was proceeding with an RFI process and expects to have a draft complete by first quarter 2014.

Locomotive Procurement Update: The RFP for the Diesel-electric Locomotive was released on August 8, 2013 and notification was provided to all of the NGEC industry participants and Technical subcommittee members by Steve Hewitt. On the last call Art Peterson reported that a pre-proposal conference had been held in Springfield, IL, on the previous Thursday. Representatives from five locomotive manufacturers and several suppliers attended. IDOT's conference presentation and conference sign-up sheet have been posted on the Multi-State Locomotive Procurement website: <http://www.dot.il.gov/procurement/NGEClocomotiveproject.html>. The web site isn't automatically updated, so interested parties are encouraged to visit it frequently. **Status:** Art Peterson reported that "today (September 12, 2013) addendum's 1-5 were posted to the website." Art reiterated that "the website is not automatically updated so visit it frequently."

Preparing a list of NGEC accomplishments in regard to accessibility and ADAAG feasibility document: The review of NGEC accessibility has been completed by the Technical subcommittee. Kevin Kesler will reach out to the Accessibility Policy Group to schedule a briefing of the guidance document, and he will reach out to Steve Hewitt to ensure consent/approval of the ADAAG document and NGEC 305 accomplishments PowerPoint presentation is on the agenda for the Sept. 17 Executive Board call. If approved they will be provided to the RVAAC/Access Board in October. **Status:** The APG is scheduled to meet on September 17, 2013 via conference call. The Executive Board has canceled its regular bi-weekly call for that day due to the fact that they will meet on September 26, 2013 in Columbus, Ohio. A report on the APG meeting is on the agenda for the September 26, 2013 Board meeting.

4.

Approval of the Minutes of the August 29, 2013 Technical subcommittee call – Mario Bergeron:

On a motion offered by Kevin Kesler, FRA, and a second by Jack Madden, NYSDOT, the Minutes of the August 29, 2013, conference call meeting of the Technical subcommittee, were approved without exception.

5.

Accessibility Working Group Status Update – Melissa Shurland:

Melissa Shurland reported that she had provided Steve Hewitt with a PowerPoint presentation to send to the APG (which Steve did last week, and again today) to use as a guide in developing information to go to the Access Board. The intent is to highlight accomplishments of the NGEC in terms of accessibility issues and provide the

Board with the ADAAG document once approved by the APG and the Executive Board. "It will show what we've (the NGEC) done" in this area.

On September 17th the APG will meet via conference call, and the documents distributed by Steve Hewitt will be reviewed as will the comments from the Technical subcommittee, and "we will look to get feedback from the APG and a recommendation for approval by the Executive Board.

Melissa anticipated that the Access Board will meet in early to mid-October, 2013 to begin its update, and the hope is to have the NGEC information used as a basis for their discussions going forward.

Jonathan Michel, Rail Plan raised the issue of spatial constraints and said it would be helpful to get consensus drawings of the various representations. He noted that developing a diagram of the space would be helpful.

Melissa Shurland stated that she agrees, and there is an effort by the AWG through LTK to develop such drawings. She also noted that FRA is identifying a contact to go back to Amtrak to try to get actual single level drawings. Melissa commented that between the FRA effort with Amtrak and the LTK effort "we should have something to bring back soon."

Mario Bergeron raised a few questions for clarification asking Melissa if the dimensions in the document are representative of what has been introduced previously.

Melissa responded "Yes, they went to the Technical subcommittee and then to the Executive Board between two years ago and early last year."

Kevin Kesler reminded those on the call that this engagement with the Access Board "is the beginning of the engagement with the Access Board and is intended to let them know that the NGEC is engaged and has advanced some requirements beyond the minimum. We want to make them comfortable that they do not need to do the lifting themselves – they have a partner."

A number of questions arose in regard to the 800lb load for wheel chair lifts and the 400lb load described for the restrooms – and shouldn't the load capacity be the same. After looking at it more closely, Melissa explained that the 400lb load has to do with the toilet assembly itself. She agreed, however, that this needs to be made clearer in the document.

Stan Hunter inquired as to what document was being looked at and discussed. He noted he has not seen it. Steve Hewitt explained that the document being discussed is what was provided to the APG to assist them in their preparation for the September 17, 2013 conference call. It is a condensed version of what the Technical subcommittee has already reviewed several times and approved for submittal to the APG.

It was agreed that Steve Hewitt should provide the PowerPoint document to the full Technical subcommittee as well, and that members are free to provide Melissa with any comments they may have. "The more eyes on this the better."

6.

Document Control Update – Dave Warner:

Dave Warner informed Steve Hewitt prior to today's call that Camren Cordell continues working on the Single Level specification Revision A.

Steve also reported that the contract with Larry Salci for the Trainset Specification Revision A Review has been executed (between Larry and AASHTO – as contracting agent) and work has begun on the review.

7.

Overview: Digital Trainline Communication Requirements Document – Tammy Krause:

Tammy Krause reviewed the proposed DTL requirements document and highlighted the changes that had been made as agreed during the August 29, 2013 Technical subcommittee call.

A sentence that had been requested to be added, was; as was a sentence in regard to making sure the system would work with the legacy 27 pin system.

Tammy noted that another sentence should be added today to allow for future needs for the life of the car.

Dale Engelhardt explained that there are some potential additions "we know about but are not including yet ... but we don't know what we don't know...so we will need to add band width to handle future additions without

redoing the entire system”.

A discussion took place around the issue of safety critical functions and the fact that the proposed requirements document lists Trainline Door controls as an included functionality.

After some discussion and the understanding that all safety requirements would still apply if doors are moved to digital trainline, it was agreed that, for now, the line will be taken out as it will fall under a future addition.

Steve Hewitt was asked to review the proposed revisions to the document under consideration today.

Steve reviewed the changes:

“The date at the top of the requirements document will be changed from September 9, 2013 to September 12, 2013.

A sentence will be added to the end of the first paragraph which will read: *The DTL should be designed to accommodate future needs for the life of the car.*

The Trainline Door Control will be removed from the list of functionalities

Wi-FI will be added to the list of functionalities.”

With these changes agreed to as read, Chairman Bergeron entertained a motion to approve the DTL requirements document as presented.

8.

Consideration of Approval of the DTL Communications Requirement Document – Mario Bergeron:

A motion to approve the DTL requirements document with the changes as reviewed by Steve Hewitt, was offered by Allan Paul, NCDOT, and seconded by Jack Madden, NYSDOT.

Chairman Bergeron asked Steve Hewitt to poll the voting members of the subcommittee:

Mario Bergeron, Amtrak – aye
Kevin Kesler, FRA – aye
Stan Hunter, Caltrans – aye
Allan Paul, NCDOT – aye
Jack Madden, NYSDOT – aye
Jeff Schultz for Connecticut DOT – aye
Art Peterson for IDOT – aye
Phil Meraz, Iowa DOT – aye
Melissa Wilbers, Missouri DOT – aye

With a quorum having been established and all members voting in the affirmative, Chairman Bergeron determined that consensus had been achieved and the motion was carried.

At this point, Chairman Bergeron asked Steve Hewitt to send the requirements document to NGEN Executive Board Chairman Bill Bronte and request that he conduct an electronic vote of Board members in order to expedite approval and begin the specification development.

Steve was also asked to request that, if the requirements document is approved by the Board, Chairman Bronte should direct the Technical subcommittee to begin specification development.

The email communicating the DTL requirements document will include a list of the members of the subcommittee who have been or plan to be participants in the DTL specification development effort.

The communication email will be cc'd to all subcommittee members and industry participants.

9.

Other:

Steve Hewitt suggested that the September 26, 2013 conference call of the Technical subcommittee be canceled due to the executive Board meeting taking place that day; and that the next call will be held, as scheduled, on October 10, 2013.

The Chair agreed, and Steve will notify subcommittee members.

ATTACHMENTS



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

PRIIA Section 305 Tech Sub Committee Meeting

September 12, 2013

The agenda for the meeting is below:

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| 1. Roll Call | Steve Hewitt |
| 2. Review meeting agenda | Mario Bergeron |
| 3. Review Action Items | Steve Hewitt |
| 4. Approve Minutes of August 29, 2013 | Mario Bergeron |
| 5. Accessibility Working Group Status Update | Melissa Shurland |
| 6. Document Control update | Steve Hewitt |
| 7. Overview: Digital Trainline (DTL) Communication Req. Document | Tammy Krause |
| 8. Consideration of approval – DTL | Mario Bergeron |
| 9. Review this meeting: | Steve Hewitt |
| a) Decisions | |
| b) New Action Items | |

***Technical Sub Committee Conference Call Meeting:
Thursday September 12, 2013 3:00 EDT: 1-866-209-1307 / passcode 6486648#***

***Please call in a few minutes early so all is in attendance for Roll Call.
Thank you***

Next Technical Subcommittee Call: 10-10-13 at 3:00pm EDT