

SECTION 305 TECH SUB COMM

MINUTES

JANUARY 29, 2015 3:00PM EASTERN

CONFERENCE CALL

FACILITATOR	<i>Dale Engelhardt, Vice Chair, NGENC Technical Subcommittee</i>
ATTENDEES	Core Team Members: Dale Engelhardt, Jeffrey Gordon, Allan Paul, John Madden, Marci Petterson, Jennifer Bastian, Phillip Meraz, Eric Curtit as proxy for Troy Hughes, Jeff Schultz, Art Peterson, Melissa Shurland, Bryan Hong Industry Members: Craig McKeen, Dave Warner, Kevin Myles, Josh Coran, Bill Saddler, Tom Hunt, Lew Hoens, Tom Sisler, Ronald Nevas, Paul Jamieson. Al Bieber
ABSENTEES	<i>Mario Bergeron, Steve Hewitt, Stan Hunter, Troy Hughes, Tammy Krause, Vincent Brotski, Michael Burshtin, Andrew Wood, Charles Poltenson, Devin Rouse, Anand Prabhakaran, Charles Bielitz, Nico Lindenau, Sal DeAngelo, Michael Coltman, Brian Marquis, Curtis McDowell, Larry Salci, Shayne Gill</i>

DISCUSSION/DECISIONS MADE

1.

Dale Engelhardt, Amtrak, filling in for Chairman Bergeron, called today's meeting to order and asked Bryan Hong, AASHTO, to call the roll.

After calling the roll, Bryan 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, filling in for Mario Bergeron, provided a brief overview of today's meeting agenda.

3.

Review of Action Items that are not on the agenda – Bryan Hong:

In the absence of Steve Hewitt, Bryan Hong 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: Bryan reported that this remains an ongoing action item. There are currently **234** registered industry participants.

Requesting Backgrounder educational document: With changes to the NGENC organizational structure at the October 24th Fall Meeting, the Backgrounder will need to be updated. Steve Hewitt is working on incorporating updates into a new Backgrounder. This will likely be completed by the time of the Annual Meeting.

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. There was no update for today's call.

4.

Approval of the Minutes of the January 15, 2015 Technical subcommittee conference call – Dale Engelhardt:

On a motion by Allan Paul, and a second by John Madden, the Minutes from the January 15, 2015 Technical subcommittee call were approved without objection.

5.

Accessibility Working Group/RVAAC related issues update – Melissa Shurland:

Melissa Shurland reported that the Boarding and Alighting committee of RVAAC has met and completed its recommendations on guidance on accessibility elements relating to boarding the train and entering/exiting the car. The discussion centered on technology that can reach the minimum requirements. The committee will brainstorm and research the needs to recommend to RVAAC in order to determine the feasibility of their spatial recommendations. One

example is the study of the minimum horizontal gap between the car and the platform, specifically to reduce the gap to 2 inches from the required 3 inches.

Between now and February 26 the Communication Subcommittee will be conducting meetings. It will be finalizing recommendations for the full RVAAC meeting scheduled for February 26.

Melissa will be compiling the differences between their guidance and what they've done to bi-level cars. This will be complete before the NGEAC Annual Meeting on February 20.

The AWG received the go-ahead on maintaining contracted support from Oregon State University. Drawing formation and a feasibility review will occur, in addition to examining impact and maneuverability issues within the car. Anyone interested in this guidance can contact Melissa who will provide it to them.

**6.
Document Control update - Tammy Krause:**

Bryan Hong reported that he and Steve Hewitt received an email from Tammy Krause prior to the meeting, which stated that there was no update for today's call.

**7.
Progress Report : Dual Mode Locomotive (DC 3rd Rail) Specification development – Jack Madden:**

Jack Madden, NYSDOT provided the following progress report for inclusion in today's minutes:

"It has been a busy two weeks for the Locomotive Working Group since the last TSC call on 15 January.

NY State DOT and Metro North Railroad met via conference call on Friday 16 January with members of the IDOT Multi State Loco Procurement Team and discussed how the Loco WG could gain useful information about the D-E Spec from questions and clarifications raised in the IDOT D-E loco procurement process.

The Environmental Team met on Monday 19 January. They began work on the Northeastern US Supplement to the PRIIA Environmental Specifications #305-912 and 916, as directed in the Dual Mode (DC 3rd Rail) Requirements Document Revision A. This Supplement will support modifications to the Environmental Chapter of the DM Spec. The Team's next conference call is scheduled for Monday 2 February.

The Locomotive WG held its bi-weekly conference call on Thursday 22 January. We reviewed the status and updates for the chapters assigned to the Teams.

NYSDOT, Connecticut DOT and MNR, including senior MNR procurement personnel, met via conference call on Friday 23 January with members of the IDOT Multi State Loco Procurement Team to discuss "Lessons Learned" during the IDOT procurement process. It was a very productive call and we thank the IDOT procurement team for their assistance. Vermont Agency of Transportation was not able to be on the call due to a previous commitment.

The General Team met on Monday 26 January and the Customer & Cab Amenities Team met on Tuesday 27 January. Both teams have begun to review and to make changes on their chapters and will meet again on two separate calls on Tuesday 17 February.

The VTI Team has begun to review their chapters, but their first meeting on Tuesday 27 January was cancelled due to Winter Storm Juno. They have rescheduled for Tuesday 3 February.

The Mechanical/Carbody Team has begun to review their chapters and have exchanged numerous comments and questions among several team members by email. The Mechanical / Carbody Team plans to schedule their first conference call next week.

The next scheduled Loco WG Call is on Thursday, 5 February.

Mr. Hewitt has previously sent out to the TSC members the schedule for the development of the DM spec. With respect to the planned face-to-face meeting in Albany NY to review and approve the Dual Mode (DC 3rd Rail), after discussing it with Chairman Bergeron, and based upon availability of conference rooms in NYSDOT Main Office in Albany, we have agreed to slide the meeting one week to Friday 17 July, with arrival on Thursday 16 July.

Vice Chair Englehardt asked if the Locomotive WG needed any additional assistance from other members of the

Technical Subcommittee. Mr. Madden noted that we will be better able to answer this question when we have received the first round of modifications to the chapters in the third week of February. Mr. Madden also noted that we have 26 members on the Loco WG reflecting a good cross section of the industry; however, we will not be shy about asking for help if we need to."

**8.
Update: NGENC Procurements:**

Diesel-Electric Locomotive presented by Jennifer Bastian, IDOT for inclusion in today's minutes:

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

- a) *Invoice for Milestone 'A' has been paid and Milestone 'F' (major purchase orders) is being processed for payment.*
- b) *Follow-up action items to close IDR are nearing closure.*
- c) *Detailed planning for Final Design review (FDR), in Seattle, is underway for February and March 2015.*
- d) *The Mock-up reviews for the machine rooms (four compartments) and the under floor equipment are complete and closed-out.*
- e) *The locomotive weight is holding steady at 270,000 lbs (+/-) and the calculated P2 force is within specified limits.*
- f) *Five draft DCRs are being processed. Rich Stegner will contact Tammy Krause to coordinate.*
- g) *The locomotive specification calls for a 140M wheel profile. A DCR will be prepared to specify either the 140M or a 340 wheel profile for the locomotive. The project needs Amtrak to reconfirm that the APTA 340 profile as referenced in APTA document PR-M-S-015-06 (figure B.8) is identical to Amtrak drawing D062-00106."*

Bi-Level Car Procurement – Stan Hunter, Caltrans:

Stan Hunter was not on the call to provide an update on the status of the bi-level car procurement.

**9.
Establishing a Diesel Exhaust Fluid (DEF/UREA Working Group) – Dale Engelhardt:**

In the absence of Mario Bergeron, Dale Engelhardt referred to the discussions over the last 3 subcommittee calls that considered the implications of UREA as a catalyst utilized for the locomotives currently in the PRIIA 305 bid for IDOT, as well as for locomotives on Metrolink in California. Mario is aware of the impact this can have on organizations (UREA usage currently is 1 of every 10 gallons of diesel consumed). As these locomotives come into service, facilities will have to deal with filling the DEF tanks (one-third UREA and two-thirds water). Its pH level is 9.5 so it is harmful to skin. The mix means that there's also concern about keeping the liquid from freezing in cold environments. The ratio is a range rather than a specific quantity. In most situations, when you're fueling the locomotive, you most likely have to refill the UREA tank. Facility requirements will have to be addressed. Amtrak has no preference, but sees it as an issue to be aware of.

Mario is trying to form a team and has authorized Dale to extend the request. He is looking for volunteers to join this activity, strongly advising those who are already working with this material to consider involvement. The request received interest from North Carolina and New York participants.

**10.
NGEC Annual Meeting – Bryan Hong:**

Bryan reminded all members that the NGENC Annual Meeting will be held on February 20, 2015 at the Hyatt Regency Hotel on Capitol Hill, Washington, DC from 8:30AM until about 4:00PM.

The latest DRAFT agenda for the meeting will be attached to these minutes. If you plan to attend please register for the meeting by sending an email to Steve Hewitt at shewitt109@aol.com.

All NGENC participants are encouraged/welcome to attend.

11. Review this meeting – Bryan Hong, AASHTO:

Chairman Bergeron is seeking volunteers for the formation of a team regarding the DEF/UREA Working Group. Interested individuals have two weeks to respond.

Dale Engelhardt added that he will finish a letter to Stan Hunter to bring closure to the issue regarding wheel profile certification. Amtrak switching over to 340 at speeds below 90 had to do with tests being run that indicated these wheels have better performance.

Adjourn: At approximately 3:32PM Eastern, Dale Engelhardt adjourned today's Technical subcommittee conference call meeting.

Next Call: February 12, 2015 – 3:00pm Eastern

Decisions and Action Items

RVAAC: The RVAAC is meeting as a full committee on February 26-27 at the Access Board Head Quarters to review the 4 subcommittee guidance documents. Melissa Shurland will give an update at the NGEC Annual Meeting, and a more in depth presentation to the Technical subcommittee following the RVACC meeting. Steve Hewitt will keep it as a future action item.

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

Maintaining Industry Participation List: This remains an ongoing action item. There are currently **234** registered industry participants. (ongoing)

Requesting Backgrounder educational document: With changes to the NGEC organizational structure at the October 24th Fall Meeting, the Backgrounder will need to be updated. Steve Hewitt is working on updates to the Backgrounder. This will likely be completed by the time of the Annual Meeting.

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ATTACHMENTS



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

PRIIA Section 305 Tech Sub Committee Meeting

January 29, 2015

The agenda for the meeting is below:

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|--|--------------------------------------|
| 1. Roll Call | Bryan Hong (AASHTO) for Steve Hewitt |
| 2. Review meeting agenda | Mario Bergeron |
| 3. Review Action Items | Bryan Hong for Steve Hewitt |
| 4. Approve Minutes of January 14, 2015 | Mario Bergeron |
| 5. Accessibility Working Group/RVAAC related issues update | Melissa Shurland |
| 6. Document Control update | Tammy Krause |
| 7. Progress Report: Dual Mode Locomotive (DC 3 rd Rail) spec development | Jack Madden |
| 8. Update: Procurements | |
| a. Diesel-electric locomotive | Jenifer Bastian |
| b. Bi-level Cars | Stan Hunter |
| 9. Establishing a Diesel Exhaust Fluid (DEF) / UREA Working Group | Mario Bergeron |
| 10. Reminder: 2015 NGEC Annual Meeting – 2-20-15- Hyatt Regency Cap Hill Washington DC | Bryan Hong for Steve Hewitt |
| 11. Review this meeting: | Bryan Hong for Steve Hewitt |
| a) Decisions | |
| b) New Action Items | |

***Technical Sub Committee Conference Call Meeting:
Thursday January 29, 2015 / 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 – 2-12-15 at 3:00pm Eastern



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

**PRIIA Section 305 Next Generation Corridor Equipment Pool Committee (NGEC)
5th Annual Meeting**

DRAFT

Version 7 – 1-28-15

**February 20, 2015
8:30am – 4:00 pm EST
Hyatt Regency Hotel on Capitol Hill
Washington, DC**

8:00 - 8:30 am	Registration
8:25 – 8:30 am	Hotel Safety Briefing – Hyatt Regency Hotel Representative
8:30 – 8:40 am	Welcome and Introductions-Convene Annual Meeting – Eric Curtit, Chair, NGEC Executive Board
8:40 – 8:45 am	Roll call of NGEC members (Executive Board & non-Board member states) – Steve Hewitt, Manager, NGEC Support Services
8:45 – 8:50 am	Approval of the Minutes from the February 3, 2015 Executive Board conference call
8:50 – 9:05 am	NGEC Chairman’s Report – Eric Curtit, NGEC Chair
9:05 – 9:45 am	NGEC Treasurer’s Report/ Finance and Administration Subcommittee reports – Darrell Smith, NGEC Treasurer and Chair, Finance and Administration Subcommittee
9:45 – 9:55 am	Consideration of Approval: Updated NGEC By-Laws – Eric Curtit
9:55 – 10:05 am	Consideration of Approval: SOW and budget for a no-cost Grant Agreement extension through 9-30-17 – Eric Curtit
10:05 – 10:25 am	Break
10:25 – 10:40 am	Update from FRA –Michael Lestingi
10:40 – 10:55 am	Update from Amtrak Government Affairs: Joe McHugh
10:55 – 11:15 am	Progress Report: Technical Subcommittee – Mario Bergeron, Chair
11:15 – 11:30 am	Update: Activities of the Accessibility Working Group and RVAAC – Melissa Shurland, FRA
11:30 – 11:40 am	Progress Report: Section 6 – Mid-West States – Tim Hoeffner, Michigan DOT
11:40– Noon	Progress Report: the 514 Subcommittee – Ron Pate, Chair

Noon – 1:15 pm	Lunch (on your own)
1:15	Re-convene the meeting – Eric Curtit
1:15 – 1:45 pm	Status Update: NGEC Procurements
	a. Diesel-electric Locomotive: TBD / Siemens Representative TBD
	b. Bi-level cars – Bruce Roberts, Caltrans / Nippon Sharyo/Sumitomo Representative TBD
1:45 – 2:45 pm	Discussion: Long term Future of the NGEC – structure/funding/next steps– Eric Curtit
2:45 – 3:00 pm	Break
3:00 – 3:30 pm	Questions/Comments – All Attendees
3:30 – 3:45 pm	Other Issues - All
3:45 – 3:50 pm	Meeting Summary/Action Items Review – Steve Hewitt
3:50 – 4:00 pm	Next Steps/Closing Comments – Eric Curtit
4:00 pm	Adjourn

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