

# SECTION 305 TECH SUB COMM

MINUTES

MARCH 26, 2015 3:00PM EASTERN

CONFERENCE CALL

<b>FACILITATOR</b>	<i>Dale Engelhardt, Vice Chair, NGENC Technical Subcommittee</i>
<b>ATTENDEES</b>	<b>Core Team Members:</b> Dale Engelhardt, Jeff Gordon, Allan Paul, Sharon Beasley for Stan Hunter, Charlie Poltenson, Jeff Schultz for Marci Petterson, Jennifer Bastian, Phillip Meraz, Sal DeAngelo, Art Peterson for Jennifer Bastian, Melissa Shurland, Steve Hewitt, Andrew Wood, Jay Gilfillan, Art Peterson, Nico Lindenau, Tammy Krause, Curtis McDowell <b>Industry Members:</b> Bill Slater, Paul Jamieson, Dave Warner, Chuck Wochele, Tom Hunt, James Michel, Steve Morrison, Rich Stegner, Eric Wilde, Josh Coran
<b>ABSENTEES</b>	<i>Mario Bergeron, Stan Hunter, Marci Petterson, Troy Hughes, Jennifer Bastian, Jason Biggs, Vincent Brotski, Jack Madden, Jonathan Hines, Devin Rouse, Anand Prabhakaran, Charles Bielitz, Michael Coltman, Larry Salci, Patricia Llana, Brian Marquis, Shayne Gill, Bryan Hong</i>

## DISCUSSION/DECISIONS MADE

### 1.

In the absence of Chairman Bergeron, Subcommittee Vice Chair Dale Engelhardt, Amtrak, 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](mailto:shewitt109@aol.com)**

### 2.

#### **Review of the Meeting Agenda – Dale Engelhardt:**

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:** Steve reported that this remains an ongoing action item. There are currently **236** registered industry participants.

**Requesting Backgrounder educational document:** With the changes to the NGENC organizational structure at the October 24<sup>th</sup> Fall Meeting, the Backgrounder was in need of updating. This has been done and a new version was printed and distributed to all NGENC Annual Meeting attendees. The new Backgrounder is now available upon request. Please contact Steve Hewitt at [shewitt109@aol.com](mailto:shewitt109@aol.com) if you want to receive Backgrounders. Provide the quantity requested and an address for sending them to.

On the last call, Steve Hewitt agreed to provide PDF copies, via email, to the NGENC participants list with an offer to send hard copies upon request. This has been done, and one request has come in for 10 copies thus far.

**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.

**4. Approval of the Minutes of the March 12, 2015 Technical subcommittee conference call – Dale Engelhardt:**

On a motion by Allan Paul, NCDOT, and a second by Jeff Schultz for Conn DOT, the Minutes from the March 12, 2015 Technical subcommittee call were approved without objection.

**5. Accessibility Working Group/RVAAC related issues update - Melissa Shurland:**

RVAAC:

Melissa Shurland reported that the DRAFT RVAAC Final Report was sent via Steve Hewitt to all Technical subcommittee (TSC) members prior to today's call. Comments on the draft should be submitted to Melissa Shurland, FRA at [melissa.shurland@dot.gov](mailto:melissa.shurland@dot.gov) by April 10, 2015.

A final meeting of the Communications subcommittee was held today (3-26-15) and the final draft report is anticipated to be complete by next week.

Melissa noted that the RVAAC report, once approved by the full committee will be submitted to the Access Board. She also noted that it will be subject to the rulemaking process thus there is an opportunity for public comment.

The RVAAC full committee will meet on April 23 and 24 to finalize the report and send to the access Board.

AWG:

Melissa reported that the FRA has not yet completed a contract renewal with Oregon State University "for getting the drawing done yet".

Melissa will keep the TSC members updated as this process unfolds.

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

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

- *A DCR was received to change the weights of the Bi-Level cars. This DCR is currently being handled by the Carbody group.*
- *The changes for the C.2 version of the Bi-level car spec are currently being incorporated into the spec by Camren Cordell.*
- *Richard Stegner is compiling the DCRs for the locomotive specs and will be submitting them shortly.*
- *The DCR form on the NGENC website is submitted electronically to the Document Control Coordinator. The form was being sent to Dave Warner's Amtrak e-mail. This was corrected this week and now the DCR forms will come to me.*
- *I issued a specification number 305-921 for a new specification "NE environmental, operating & wayside conditions" that will be used in the Dual Mode Locomotive specification."*

Jeff Gordon, FRA, asked if the weight DCR, if/when approved will be included in Rev C.2.

Tammy responded that "we are proceeding with C.2" as if the DCRs being considered are "waiting in the wings".

**7. Progress Report: Dual Mode Locomotive (DC 3<sup>rd</sup> Rail) spec development – Steve Hewitt for Jack Madden:**

The following update was provided by Jack Madden and read into the record by Steve Hewitt as a part of today's minutes:

*"Since the last Technical Subcommittee call on 3/12/15, the VTI Team and the Environmental Team have met twice each and the Mechanical/Carbody Team has met once. All Teams have made progress on the chapters for which they are responsible. The members of the General and Cab and Customer Amenities Teams have worked individually and in small groups on revising their chapters, although those Teams, as a whole, have not met. As noted on the 3/12/15 TSC call, the next Locomotive Working Group call will be held at 10:00AM Eastern on Friday 3/27/15. Based upon Team status reports at the meeting we will decide if we will defer the scheduled date from 4/2/15 to 4/16/15 for completion of*

final drafts of all chapters and their submission to Amtrak for collation and formatting into a single document for subsequent TSC review.”

## **8.**

### **Update: Procurements:**

#### **Bi-level Cars - Sharon Beasley for Stan Hunter:**

Sharon Beasley provided a brief update on the bi-level car procurement:

Sharon Beasley reported that there are 147 Design review items remaining open.

8 First Article Inspections (FAIs) are complete. 5 FAIs expected to be completed in April and 8 more slated for May.

QA inspection for readiness at the Nippon Sharyo plant continues – 9 items remain open.

Sal DeAngelo, FRA, is working with the states on developing a status update report and a distribution list to ensure that FRA is kept apprised of progress being made.

9 change orders are pending – none of which will impact the schedule.

#### **Diesel-electric locomotive – Steve Hewitt for Jennifer Bastian:**

The following update report was provided by IDOT and read into the record by Steve Hewitt as a part of today's minutes:

- a) The project continues to progress on schedule, within 2 weeks. The original schedule indicated completion of FDR meetings on 3/6/2015 and the FDR meetings were actually completed on 3/20/2015.*
- b) The invoice for milestone 'C' for IDR has been received.*
- c) All review meetings (15 days total) have been completed. Follow-up action items are now being dispositioned.*
- d) The Design Review process is projected has generated 67 RFCs (request for clarification). From these, 10 document change requests (DCRs) will be generated. Since 15 DCRs were previously processed, the locomotive project is expected to have 25 DCRs, reflecting the design review process.*
- e) Ten draft DCRs are being processed (including DCR for the 340 wheel profile). Rich Stegner has contacted Tammy Krause, to coordinate.*
- f) Amtrak has reconfirmed that the APTA 340 profile, per APTA document PR-M-S-015-06 (figure B.8) is to be used for the wheel profile for simulations and vehicle qualification.*
- g) The locomotive weight is holding steady at 270,000 lbs (+/-) and the calculated P2 force is within specified limits.”*

## **9.**

### **Progress report: Diesel Exhaust Fluid (DEF) / UREA Working Group – Art Peterson for Jennifer Bastian:**

Art Peterson reported that the DEF/UREA Working Group held its kick off meeting.

The meeting was well attended and served as an introductory session.

A regular conference call schedule was established.

Early data requests have been responded to.

Dale Engelhardt commented that he attended the first meeting and felt that "a lot of great areas were covered...it's a good group."

**Adjourn:** At approximately 3:25 PM Eastern, Dale Engelhardt adjourned today's Technical Subcommittee conference call meeting.

**Next Call: April 9, 2015 – 3:00pm Eastern**

### Decisions and Action Items

RVAAC: The RVAAC met as a full committee on February 26-27 at the Access Board Head Quarters to review the 4 subcommittee guidance documents. The Final Draft RVAAC report was distributed to the Technical subcommittee today (3-26-15). Comments are due by April 10, 2015. The intent is to have the full RVAAC report with recommendations submitted to the Access Board by July 15, 2015.

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 **236** registered industry participants. (ongoing)

Backgrounder educational document: With the changes to the NGEC organizational structure at the October 24<sup>th</sup> Fall Meeting, the Backgrounder was in need of updating. This has been done and a new version was printed and distributed to all NGEC Annual Meeting attendees. The new Backgrounder is now available upon request. Please contact Steve Hewitt at [shewitt109@aol.com](mailto:shewitt109@aol.com) if you want to receive Backgrounders. Provide the quantity requested and an address for sending them to.

Steve Hewitt has provided PDF copies, via email, to the NGEC participants list with an offer to send hard copies upon request.

DEF Working Group: A kick off meeting was held - and a regular call schedule has been set. Bi-weekly updates will be provided to the Technical subcommittee.

### ATTACHMENTS

Next Generation  
Equipment Committee



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

**PRIIA Section 305 Tech Sub Committee Meeting**

**March 26, 2015**

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 of March 12, 2015  | Dale Engelhardt  |
| 5. Accessibility Working Group/RVAAC related issues update                          | Melissa Shurland |
| 6. Document Control update  | Tammy Krause     |
| 7. Progress Report: Dual Mode Locomotive (DC 3 <sup>rd</sup> Rail) spec development | Jack Madden      |
| 8. Update: Procurements   |                  |
| a. Diesel-electric locomotive   | Jennifer Bastian |
| b. Bi-level Cars  | Sharon Beasley   |
| 9. Progress report: Diesel Exhaust Fluid (DEF) / UREA Working Group                 | Jennifer Bastian |
| 10. Review this meeting:  | Steve Hewitt     |
| a) Decisions  |                  |
| b) New Action Items   |                  |

***Technical Sub Committee Conference Call Meeting:  
Thursday March 26, 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 – 4-9-15 at 3:00pm Eastern***