

# SECTION 305 TECH SUB COMM

MINUTES

AUGUST 11, 2016 3:00PM EASTERN

CONFERENCE CALL

<b>FACILITATOR</b>	<i>Mario Bergeron, Chair, NGENC Technical Subcommittee</i>
<b>ATTENDEES</b>	<b>Core Team Members:</b> Mario Bergeron, Dale Engelhardt, Jeff Gordon, Momo Tamaoki, Allan Paul, Marci Petterson, Jennifer Bastian, Jason Biggs, Tammy Krause, Michael Burshtin, Jonathan Hines, Jeff Schultz, Anand Prabhakaran, Sal DeAngelo, Curtis McDowell, Art Peterson, Steve Hewitt, <b>Industry Members:</b> Wulf Dickie, James Michel, Paul Jamieson, Josh Coran, Mathew Spiel, Tom Hunt, Bill Slater, Pat Sheeran, Tom Sisler, Bill Saddler, Rich Stegner, Jack Madden
<b>ABSENTEES</b>	<i>Charlie Poltenson, Philip Meraz, Troy Hughes, Vincent Brotski, Melissa Shurland, Devin Rouse, Charles Bielitz, Nico Lindenau, Michael Coltman, Brian Marquis, Shayne Gill, Larry Salci</i>

## DISCUSSION/DECISIONS MADE

### 1.

Chairman Bergeron called today's meeting to order, asking Steve Hewitt to call the roll.

After calling the roll, Steve at first could not confirm the presence of a quorum, with 4 of 8 states present (a majority is required) – ultimately one additional state joined the call, and, for the record, a quorum was established with 5 of 8 states represented as well as Amtrak and FRA.

**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 – Mario Bergeron:**

Mario Bergeron 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 **258** registered industry participants.

**Requesting Background educational document:** The NGENC Executive Board has requested two pictures of the new Charger locomotive be included in the two pager (one on each page) before approving it for publication. Siemens has taken photos, NGENC Chairman, has had Mo DOT graphics artists add them to the DRAFT document for Executive Board consideration on its next call which is scheduled for 8-30-16.

**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)

Paul Jamieson is unavailable and has informed Steve Hewitt that there is nothing new to report today.

### 4.

#### **Approve Minutes from July 28, 2016 – Mario Bergeron:**

On a motion by Jennifer Bastian, IDOT, and a second by Allan Paul, NCDOT, the Minutes from the 7-28-16 Technical subcommittee conference call meeting were approved without exception.

### 5.

#### **Update: Diesel-electric Locomotive Procurement – Jennifer Bastian for IDOT:**

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

- *JPEs continue to receive Siemens' weekly revised schedule and conduct weekly conference calls. The main basis for revised weekly schedules reflects on-going testing up-dates.*
- *The first two pilot locomotives were being tested at TTCI for vehicle/track dynamic interaction. The tests are concluded with successful results.*
- *The locomotives were also tested for AAR Chapter XI track interaction protocol. The tests have been completed - with successful results.*
- *The four MARC cars have arrived at TTCI for locomotive propulsion tests. Initial tests up to 130 mph have been successfully completed.*
- *Locomotive braking tests will be conducted at TTCI this week.*
- *The monthly QA meeting was held August 10 at Siemens factory.*
- *The DCRs were distributed to the locomotive sub-team leaders, earlier this week. Rich Stegner following-up with the sub-team leaders for status.*
- *A conference call was held with Amtrak and Siemens for 125 mph testing on the North East Corridor. The plan currently anticipates testing on the south section (Perryville to Philadelphia) September 6-9, and the north section (Boston-Rhode Island) September 12-14.*
- *Siemens targets shipped locomotive #4 to Baltimore, on Friday 8/5 – arrived today – 8-11-16.*
- *Each JPE are working out details for pre-revenue test plans, with Amtrak.*
- *Follow up Technical Advisory Groups (TAG) continue working on an on-going basis for the action items from the AAR Standard vehicle qualification testing and acceptance.*
- *The locomotive weight was reported in June 2016, at 270,725 lbs (+/-). Actual scale weights are trending under 270,000 lbs. This appears to be good news and will be confirmed. The calculated P2 force is within specified limits.*

**6. Update: Bi-Level Car Procurement – Momo Tamaoki, Caltrans:**

Momo Tamaoki provided the following update on the Bi-Level car procurement for inclusion in today's minutes:

- **FAIs** –*We are now gearing up for the remaining FAIs – Passenger Seat/Table, Food Service, and ATR/UTR. The FAI package for the seat/table was submitted for the customer team's review on July 25, and drawings for food service and ATR/UTR are being submitted continuously for the SME's review. All FAIs are anticipated to take place in fall 2016.*
- **Carshell** –*We continue to have regular updates from NS to review the progress of the design issues and the schedule for the design activities. The last update meeting was July 25, Monday. Carshell design activities are now proceeding in accordance with the schedule requirements of the supplemental design review in 2017. NS presented an approach to fatigue that our SMEs stated seemed to be in the right direction, but example calculations are still required. The next update meeting will be held in the week of September 5.*
- **Testing** –*The seat/table dynamic tests took place on June 30 & July 1. While some tests were successfully completed, there are still a few open items that need to be discussed and worked out. We are hoping to resolve all issues by fall and schedule another test to close all the remaining open items. Those follow up tests will take place at the end of August and the beginning of September. The next big tests are the Primary Energy Absorber and Fuse Testing in Japan on September 17 through 23.*
- **Misc.** –*Caltrans/IDOT project management team had a meeting with Sumitomo and NS to discuss various project management issues on August 1 & 2, in Sacramento, CA. The main topics of discussion were testing and production. The meeting was very productive and we exchanged many ideas. Since this meeting was very successful, we've decided to have a face to face PM meeting every other month. The next face to face meeting will take place in the week of October 5.*

**7. Summary Report: 7-20-16 Accessibility Working Group Meeting – Melissa Shurland, FRA:**

Melissa Shurland was unavailable today but provided the following update for inclusion in today's minutes:

*On July 20<sup>th</sup>, the AWG met to discuss the draft final review of the accessible seating and restroom layouts. The feedback received were net positive. The next step is for Oregon State University to finalize the draft report for submittal to the TSC for review and comments.*

Melissa also provided the following update with regard to RVAAC:

*OSU reached out to service providers in Alaska and Canada that operate rail equipment with "elevators". This was in response to some of the recommendations currently in the RVAAC report for elevators to move passengers to upper level. They were able to get feedback on the systems. Take aways from those discussions are below and will be in the report.*

1. *Elevators are a necessity because of the main type of service operated (scenic) by the railroads that use them on bi-level equipment*
2. *Elevators are operated by the crew only*
3. *Elevators currently do not allow WhMD (wheeled mobility device) users ability to forward drive on - drive off*
4. *Extensive routine and preventative maintenance are required*
5. *Operations have long down time during the winter months and so extensive maintenance is undertaken during that time*
6. *Original elevator manufacturers are out of business*
7. *Railroad modified the elevators to add additional safety features*
8. *Elevators for rail should not be held to same requirements as building elevators*

Members are asked to review this information and relay any questions or comments to Steve Hewitt who will forward them to Melissa Shurland.

**8.  
Document Control Update: Tammy Krause, Amtrak:**

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

*It has been a very quiet two weeks for document control! The C.4 version of the Bi-Level Specification was approved by the Executive Board. As soon as I get the cover sheets signed and the revision history updated, it will be sent to the website. The document change requests for the Diesel-electric locomotive have been sent to the proper sub groups by Richard Stegner for approval. That is all I have to report.*

**9.  
AAR Committee Update – Jeff Gordon, FRA:**

Jeff Gordon reported that there was no update on the AAR Committee activities for this call, but that he expects to have one for the next call (8-25-16).

Chairman Bergeron asked Steve Hewitt to include the AAR Committee update on the agenda for 8-25-16.

**10.  
Other Issues/Adjourn:**

With no other issues to come before the subcommittee today, Mario Bergeron adjourned today's conference call meeting at 3:20 Eastern.

**Next Call: August 25, 2016 – 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. (ongoing)

**AWG Update:** On July 20<sup>th</sup>, the AWG met to discuss the draft final review of the accessible seating and restroom layouts. The feedback received were net positive. The next step is for Oregon State University to finalize the draft report for submittal to the TSC for review and comments.

OSU reached out to service providers in Alaska and Canada that operate rail equipment with "elevators". This was in response to some of the recommendations currently in the RVAAC report for elevators to move passengers to upper level. They were able to get feedback on the systems. Take aways from those discussions are below and will be in the report. (see above)

Members are asked to review this information and relay any questions or comments to Steve Hewitt who will forward them to Melissa Shurland.

**Requesting Backgrounder educational document:** The NGEC Executive Board has requested two pictures of the new Charger locomotive be included in the two pager (one on each page) before approving it for publication. Siemens has taken photos, NGEC Chairman, has had Mo DOT graphics artists add them to the DRAFT document for Executive Board consideration on its net call which is scheduled for 8-30-16.

**Maintaining Industry Participation List:** This remains an ongoing action item. There are currently **258** registered industry participants. (Ongoing)

**DEF Working Group:** Progress continues with the most recent meeting taking place on 7-11-16. During that meeting it was decided that the group, going forward, will meet on an as needed basis only. (no report today - 8-11-16)

**AAR Committee:** The committee is making progress within the 6 sections or subgroups with about 90% draft completion. In particular, the VTI group has two key outstanding issues yet to be resolved. Once resolved the first draft will be ready for public review.

Next update: 8-25-16.

**Procurement Updates:** Progress reports from the lead states on the two PRIIA multi-state equipment procurements are provided on each technical subcommittee call. (ongoing)

**Technical working groups Review/Update of the three PRIIA Single Level Specifications (car, trainsets, DMUs):** On 6-16-16 Mario Bergeron directed the technical working groups to organize to begin a review/update of the aforementioned specifications once the Bi-Level Car Specification Revision C.4 has been formally adopted. The working groups will review the Bi-Level changes as applicable to the single level specs and also look at other proposed DCRs for inclusion in updated specification revisions.

Tammy Krause has reached out to working group team leaders to re-affirm their continued interest in staying on as team leaders. Everyone has agreed to stay on.

The team leaders are doing outreach to the members of their respective working groups to ascertain their continued involvement and will provide Tammy Krause with a list of members. Thus far 7 industry members have contacted Tammy to express interest in participating on one or more of the working groups.

Tammy will, in turn, provide to team leaders the names of industry members who have expressed an interest in participating on specific working groups.

Once members have been confirmed and the list for each group is established, Tammy will compile them and send to Steve Hewitt for distribution and posting to the NGEC website on the Technical subcommittee page.

(Ongoing)

**Document Control Update:** C.4 version of the Bi-Level Specification was approved by the Executive Board. As soon as Tammy gets the cover sheets signed and the revision history updated, it will be sent to the website. The document change requests for the Diesel-electric locomotive have been sent to the proper sub groups by Richard Stegner for approval.

#### ATTACHMENTS



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

**PRIIA Section 305 Tech Sub Committee Meeting**

**August 11, 2016**

The agenda for the meeting is below:

- |  |                  |
|--|------------------|
| 1. Roll Call   | Steve Hewitt     |
| 2. Review meeting agenda                                       | Mario Bergeron   |
| 3. Review Action Items   | Steve Hewitt     |
| 4. Approve Minutes of July 28, 2016                            | Mario Bergeron   |
| 5. Update: Diesel-Electric Procurement                         | Jennifer Bastian |
| 6. Update: Bi-level Procurement                                | Momo Tamaoki     |
| 7. Summary Report: 7-20-16 Accessibility Working Group Meeting | Melissa Shurland |
| 8. Document Control Update                                     | Tammy Krause     |
| 9. AAR Committee Update  | Jeff Gordon      |
| 10. Other Issues   | All              |
| 11. Review this meeting:                                       | Steve Hewitt     |
| a) Decisions   |                  |
| b) New Action Items  |                  |

***Technical Sub Committee Conference Call Meeting:  
Thursday 8-11- 2016 / 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 – 8-25-16 at 3:00pm Eastern***