

SECTION 305 TECH SUB COMM

MINUTES

SEPTEMBER 11,
2014

3:00PM EASTERN

CONFERENCE CALL

FACILITATOR	<i>Dave Warner, Acting Chair (for this call), NGENC Technical Subcommittee</i>
ATTENDEES	Core Team Members: Dave Warner, Kevin Kesler, Allan Paul, John Madden, Marci Petterson, Art Peterson, Troy Hughes, Tammy Krause, Michael Burshtin, Andrew Wood, Jeff Schultz, Nico Lindenau, Jeff Gordon, Melissa Shurland, Sara Sarkhili, Curtis McDowell, Andy House Industry Members: Al Engel, Eric Wilde, Bill Sadler, Eric Smith, James Michel, Steve Morrison, Tom Hunt, Bill Slater
ABSENTEES	<i>Mario Bergeron, Dale Engelhardt, Steve Hewitt, Stan Hunter, Charles Poltenson, Phillip Meraz, Darrell Smith, Nikki Rudnick, Vincent Brotski, Devin Rouse, Anand Probhakaran, Charles Bielitz, Sal DeAngelo, Michael Coltman, Brian Marquis, Patricia Llana, Camren Cordell, Larry Salci, Shayne Gill</i>

DISCUSSION/DECISIONS MADE

1.

In the absence of Chairman Bergeron and Vice Chairman Engelhardt, Dave Warner, Amtrak, serving as acting Chair, called today's meeting to order and asked Andy House, AASHTO, (serving in the absence of Steve Hewitt) to call the roll.

After calling the roll, Andy 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 – Andy House:

Andy House 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 **228** 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: *"ECP equipped cars operating in emulation mode continue to operate in the Amtrak Keystone service from Harrisburg to New York City.*

APTA PRESS Mechanical Working Group met with the FRA on Thursday, 11 September, reporting on the test train, phase 2 full ECP implementation, safety analysis completion due Dec 2015 and standard development status. The meeting was productive. Future meetings will be scheduled so that all parties are advised as the full ECP implementation is realized in the 3rd quarter 2015."

4. Approval of the Minutes of the August 28, 2014 Technical subcommittee conference call – Dave Warner:

On a motion by Allan Paul, and a second by John Madden, the Minutes from the August 28, 2014 Technical subcommittee call were approved without objection.

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

The full RVAAC met today for the first time. In the morning, the Communications Subcommittee presented its initial recommendations, among them was whether advertisements need to be accessible when shown on a device that provides accessible (i.e., voice and image) travel information. The Boarding and Alighting Subcommittee reported in the afternoon. A noteworthy recommendation brought up was having a 32"-wide aisle the entire length of a car, instead of just between the car door and accessible seat location. I will follow this closely for the TSC. The RVAAC meeting continues tomorrow, and then the full RVAAC will begin writing recommendations.

In the Accessibility Working Group, Amtrak provided additional drawings of an Acela Business Class car as requested in the last meeting. Three-dimensional drawings will be created by Oregon State University.

6. Document Control update –Dave Warner:

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

"The Rev. C.2 DCRs to the Bi-Level specification are with the Review Panel. During the Aug. 19 Executive Board meeting, Caltrans mentioned there were more DCRs to submit, and it was decided to include them in C.2. The DCRs were received earlier this week, processed, and sent to Chairman Curtit for forwarding to Larry Salci.

The locomotive Rev. A.1 DCRs were submitted to the chairman of Executive Board, and subsequently forwarded to Larry Salci who is developing a timeline for completion. There were 15 DCRs, one of which will require a change to the locomotive requirements document.

As limited time permits, Camren Cordell continues slogging through metricization as well as Rev. A changes to the trainset specification."

7. Process/next steps: NYS Request for Locomotive Requirements Document Change - Dave Warner:

"On the last Technical Subcommittee Call, New York State requested of the Technical Subcommittee that a review and modification of the Dual Mode Requirements Document be undertaken. New York State followed this up the next day with an email to the Acting Chairman formally requesting that the Technical Subcommittee authorize the Locomotive Working Group to initiate a revision to the current Dual Mode (DC 3rd Rail) Locomotive Requirements Document.

The next step is for the Technical Subcommittee to formally request that the Executive Board direct the Technical Subcommittee to begin drafting changes to the Dual Mode (DC 3rd Rail) Requirements Document to support the New York State/Amtrak/Metro-North requirements, some of which were outlined by New York State on the last Technical Subcommittee call. Hopefully, this direction by the Executive Board can be done at the next Executive Board Call on September 16th

Once the Executive Board directs the Technical Subcommittee to begin work on changes to the Dual Mode (DC 3rd Rail) Requirements Document, we anticipate that we will complete those revisions within about 2 weeks."

VOTE: Motion by John Madden, Seconded by Kevin Kesler. **Request Executive Board to direct the Technical Subcommittee to initiate a revision of Dual Mode Locomotive (DC 3rd Rail) requirements document.** Andy House took a roll call vote and the Motion was approved without objection.

8 Review: Proposed DTL Hardware Specification – Tammy Krause:

Jack Madden asked if a number of questions/clarifications sent by the Locomotive Group had been incorporated,

because it looked as if they hadn't in the latest version available. Tammy Krause was able to confirm that each of the questions/clarifications were addressed in the change presently with Camren Cordell. Kevin Kesler asked a question about the physical connector (M12) on the interior of the car, and it was satisfactorily answered. Following the discussion on the DTL Hardware Specification, Acting Chair Warner asked that a vote be taken to approve the document, recognizing the changes still in progress. (See item 9)

9

Consideration: Technical SC approval – DTL Hardware specification - Dave Warner:

VOTE: Motion by Allen Paul, Seconded by John Madden. Andy House took a roll-call vote, and the Motion was approved without objection.

10.

Update: NGENC Procurements:

Diesel-Electric Locomotive – Art Peterson:

Art read the following report provided by Rich Stegner:

- a) *The last few Milestone 'A' CDRLs are being processed.*
- b) *Mock-up reviews for the cab and trucks are currently being conducted at Siemens factory, in Sacramento, CA 9/8-9/11.*
- c) *Intermediate design reviews are planned for October/November in Chicago.*
- d) *Mock-up reviews for the diesel engine room are planned to be conducted at Siemens' 3-D reality-lab in Munich in early December.*
- e) *Long-range planning for FDR is underway. The location for FDR will be in Seattle.*

Bi-Level Car Procurement –Stan Hunter: Allan Paul provided-

1. Caltrans and IDOT approved milestones C (intermediate design review) and D (mockup review) and authorized Sumitomo to invoice for those milestones.
2. The second round of proposed specification revisions has been sent to Dave Warner and the NGENC Executive Board for adjudication.
3. Meetings and discussions continue with IDOT, FRA and Caltrans regarding grant agreement amendments and the contract amendment necessary to execute option orders for 45 additional coach cars, bringing the total bi-level car order to 175. The contract amendment also includes an accelerated delivery schedule, and car delivery to IDOT to ensure expenditure of expiring ARRA funds prior to the Sept 30 2017 deadline.
4. Caltrans, IDOT and Capitol Corridor are working with Amtrak to finalize a master agreement for the management of the On-Board Information System (a.k.a. OBIS), as well as WiFi and Digital Train Line (a.k.a. DTL). This agreement is expected to be in place by the end of October.
5. DTL installation on the existing bi-level California Cars and Surfliners in Oakland and Los Angeles is underway, in accordance with the specification that is up for approval by the TSC today. This will prepare the existing fleet for interoperability with the NGENC cars in California.
6. First Article Inspections will begin on Oct 7 with the Wheelchair Lift FAI in Los Angeles. Doors, water and waste, truck frames and bolsters, batteries, train radio, and cab electronics (including alerter, event recorder and speedometer) are all scheduled to take place in October.

11. Other – All:

Kevin Kesler discussed an issue regarding scrolling down when using the AASHTO website. Andy House mentioned that the issue may be resolved by enabling "Compatibility Mode" when using Internet Explorer as your browser.

Next conference call – September 25, 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)
Maintaining Industry Participation List: This remains an ongoing action item. There are currently 228 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.
Approved the Digital Trainline Specification. It will be forwarded to the Executive Board for approval once some editorial changes are completed by our Technical Writer.
Approved asking the Executive Board to task the Technical Subcommittee to draft a proposed revision to the Dual Mode (DC 3 rd rail) Requirements Document.

ATTACHMENTS



PRIIA Section 305 Tech Sub Committee Meeting
September 11, 2014

The agenda for the meeting is below:

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|--------------------------|-------------|
| 1. Roll Call | Andy House |
| 2. Review meeting agenda | Dave Warner |
| 3. Review Action Items | Andy House |

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| 4. Approve Minutes of August 14, 2014 | Dave Warner |
| 5. Accessibility Working Group/RVAAC related issues update | Melissa Shurland |
| 6. Document Control update | Dave Warner |
| 7. Process/next steps: NYS Request for Locomotive Requirements Document Change | Dave Warner |
| 8. Review: DTL Hardware Specification | Tammy Krause |
| 9. Consideration: Technical SC approval – DTL Hardware specification | Dave Warner |
| 10. Update: Procurements | |
| a. Diesel-electric locomotive | Art Peterson |
| b. Bi-level Cars | Stan Hunter |
| 11. Review this meeting: | Andy House |
| a) Decisions | |
| b) New Action Items | |

***Technical Sub Committee Conference Call Meeting:
Thursday August 28, 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 – 9-25-14 at 3:00pm Eastern