

SECTION 305 TECH SUB COMM

MINUTES

SEPTEMBER 25,
2014

3:00PM EASTERN

CONFERENCE CALL

FACILITATOR	<i>Dale Engelhardt, Vice Chair, NGENC Technical Subcommittee</i>
ATTENDEES	Core Team Members: Dale Engelhardt, Dave Warner, Stan Hunter (Stan Hunter also as proxy for Allan Paul), Kevin Kesler, John Madden, Art Peterson, Eric Curtit, Phil Meraz, Tammy Krause, Michael Burshtin, Lynn Harris, Nico Lindenau, Sara Sarkhili, Michael Coltman, Steve Hewitt Industry Members: Bill Slater, Bill Sadler, Tom Hunt, Tom Sisler, Josh Coran, Rodney McGhee, Lew Hoens,
ABSENTEES	<i>Mario Bergeron, Charles Poltenson, Darrell Smith, Nikki Rudnick, Vincent Brotski, Andrew Wood, Jeff Gordon, Devin Rouse, Melissa Shurland, Anand Probhakaran, Charles Bielitz, Sal DeAngelo, Brian Marquis, Patricia Llana, Camren Cordell, Curtis McDowell, Larry Salci, Shayne Gill</i>

DISCUSSION/DECISIONS MADE

1.

In the absence of Chairman Bergeron, Vice Chair Dale Engelhardt, 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

2.

Review of the Meeting Agenda – Dale Engelhardt:

Dale Engelhardt provided a brief overview of today's meeting agenda.

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 **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. (Note: a few requests have come in recently)

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)

Approved the Digital Trainline Specification – next steps: It will be forwarded to the Executive Board for approval once some editorial changes are completed by our Technical Writer. **Status:** The final – approved version of the spec was submitted to the Executive Board for its review, comment, and consideration. Likely to be considered on the October 14th call.

4.

Approval of the Minutes, as revised, of the September 11, 2014 Technical subcommittee conference call – Dale Engelhardt:

On a motion by Jack Madden, NYSDOT, and a second by Stan Hunter, Caltrans, the Minutes from the September 11, 2014 Technical subcommittee call were approved without objection.

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

Melissa was unavailable for today's call -no update was provided today.

6. Document Control update –Dave Warner:

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

"All of the Bi-Level C.2 DCRs are with the Review Panel (Larry Salci), as well as the Locomotive Rev. A.1 DCRs. Larry Salci is working on both sets of documents, and at the last Executive Board meeting he was optimistic that both would be completed by the end of September. This would set the stage for conference calls of the two different Review Panels in early October, with Executive Board approval to follow shortly thereafter.

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

7. Status/next steps: Revising the DM Locomotive (DC 3rd Rail) Requirements Document – Jack Madden:

Jack Madden, NYSDOT, provided the following status/next steps update for inclusion in today's minutes:

"At the Executive Board Call on Tuesday, 9/16, the Board complied with the Technical subcommittee request to direct it to initiate a revision to the Dual Mode (DC 3rd Rail) Passenger Locomotive Requirements Document as requested by New York.

That effort began this past Tuesday, 9/23, as I circulated a draft of the proposed changes to the Locomotive Working Group members. Responses were requested by the close of business Tuesday, 9/30, and a conference call to discuss the draft will be held shortly thereafter.

Once the revisions are approved within the Working Group, we will formally submit them via DCRs to the Technical Subcommittee for approval and forwarding to the Review Panel and Executive Board. Dave and I anticipate the revised Requirements Document will receive final approval by the EB in November.

Then, with the expected approval of the Diesel Electric locomotive Rev. A.1 changes, the pre-requisites will be in place for beginning work on the actual Dual Mode (DC 3rd Rail) specification.

I have reached out to all the Locomotive Working Group members. A number of them have moved on since their work in the DMU Propulsion Team about two years ago. Consequently, we are asking for additional volunteers from the Technical subcommittee members who are willing to serve on the Loco WG. Please advise me of your interest by phone or email."

It was agreed that Steve Hewitt would add a request for volunteers for the Locomotive working group in these minutes and in the transmittal of the minutes to the full subcommittee membership, and would provide Jack Madden's email address as the point of contact.

Please contact Jack Madden at: John.Madden@dot.ny.gov

8. Update: NGENC Procurements:

Diesel-Electric Locomotive – Art Peterson:

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

- a) *The last few Milestone 'A' CDRLs are being processed.*
- b) *Mock-up reviews for the cab and trucks were held at Siemens factory, in Sacramento, CA 9/8-9/11.*
- c) *Intermediate design review (IDR) week #1 will be held next week 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.*
- f) *A set of legacy locomotive schematics for P42 and F59PHI locomotives will be needed for electrical design*

reviews. (Please contact Rich Stegner)"

Dale Engelhardt commented on the fact that Siemens had given him a presentation on the new locomotive and it is Tier 4 emissions compliant. "This will become a part of the future...its coming."

Bi-Level Car Procurement –Stan Hunter:

Stan Hunter reported that FRA, Caltrans, IDOT and Sumitomo are finalizing the grant agreement amendment for option car assignments.

There is a high level meeting next week in Chicago in preparation for execution of the option agreement and to ensure the expeditious use of the AARA funds to meet the federal requirements deadline.

There will be a meeting in Rochelle, Illinois (face to face) with Nippon Sharyo in regard to items such as; 1st article inspections; the vehicle weight issue and more.

Caltrans, CCPJA and IDOT continue to work with Amtrak on an agreement for OBIS (there will actually be two agreements – one with Amtrak and Caltrans, CCPJA – one with Amtrak and IDOT).

It is hoped that the agreements will be executed next week.

1st article inspections will begin in October, 2014.

Milestones C and D have been approved and invoiced to Caltrans.

Dale Engelhardt asked if there are plans for on board diagnostics in the new cars.

Stan responded "Yes, the spec includes a central vehicle management system.

Kevin Kesler raised the issue of remote monitoring capabilities for the locomotives and interface with the cars.

Stan Hunter agreed to follow up with Rich Stegner on the issue of web- based interface between the locomotives, cars, and digital trainline.

9. Other – All:

Next conference call – October 9, 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.

Digital Trainline Specification: As approved by the Technical subcommittee, the DTL hardware specification has been forwarded to the Executive Board for its review and, ultimately, its consideration of approval.

The Executive Board has directed the Technical Subcommittee to draft a proposed revision to the Dual Mode (DC 3rd rail) Requirements Document. This effort is underway. A draft is circulating among the working group members – next steps are to finalize the draft, approve it out of the working group and bring it to the Technical subcommittee for consideration. When approved it would go to the Executive Board for its consideration.

Jack Madden has asked for volunteers to participate on the locomotive working group. Interested members should contact Jack Madden at John.madden@dot.ny.gov

Stan Hunter agreed to follow up with Rich Stegner on the issue of web- based interface between the locomotives, cars, and digital trainline.

Digital Trainline Specification: The final – approved version of the spec was submitted to the Executive Board for its review, comment, and consideration. Likely to be considered on the October 14th call.

ATTACHMENTS



PRIIA Section 305 Tech Sub Committee Meeting

September 25, 2014

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 |

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| 4. Approve Minutes of September 11, 2014 | Mario Bergeron |
| 5. Accessibility Working Group/RVAAC related issues update | Melissa Shurland |
| 6. Document Control update | Dave Warner |
| 7. Status/next steps: Revising the DM Locomotive (DC 3 rd Rail) Requirements Document | Jack Madden |
| 8. Update: Procurements | |
| a. Diesel-electric locomotive | Art Peterson |
| b. Bi-level Cars | Stan Hunter |
| 9. Review this meeting: | Steve Hewitt |
| a) Decisions | |
| b) New Action Items | |

***Technical Sub Committee Conference Call Meeting:
Thursday September 25, 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 – 10-9-14 at 3:00pm Eastern