

SECTION 305 TECH SUB COMM

MINUTES

JULY 16, 2015

3:00PM EASTERN

CONFERENCE CALL

FACILITATOR	<i>Mario Bergeron, Chair, NGENC Technical Subcommittee</i>
ATTENDEES	Core Team Members: Mario Bergeron, Dale Engelhardt, Kevin Kesler for Jeff Gordon, John Colwell for Momoko Tamaoki, Allan Paul, Jack Madden, Art Peterson for Jennifer Bastian, Troy Hughes, Eric Curtit, Tammy Krause, Melissa Shurland, Curtis McDowell, Larry Salci, Steve Hewitt, Dave Warner (Emeritus), Sal DeAngelo Industry Members: Tom Sisler, Al Bieber, Bill Slater, Kevin Myles, Steve Morrison, Josh Coran,
ABSENTEES	<i>Jennifer Bastian, Momoko Tamaoki, Charlie Poltenson, Marci Petterson, Nico Lindenau, Jeff Gordon, Vincent Brotski, Andrew Wood, Jonathan Hines, Jay Glifillan, Jeff Schultz, Devin Rouse, Anand Prabhakaran, Charles Bielitz, Jason Biggs, Michael Coltman, Brian Marquis, Patricia Llana, Shayne Gill, Bryan Hong</i>

DISCUSSION/DECISIONS MADE

1.

Chairman Bergeron 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 – 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 **253** registered industry participants.

Requesting Backgrounder educational document: The updated Backgrounder remains available upon request. Please contact Steve Hewitt at shewitt109@aol.com if you want to receive Backgrounders. Provide the quantity requested and an address for sending them to.

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.

Status: Paul Jamieson is on vacation and has notified Steve Hewitt that there is no update for today.

4.

Approval of the Minutes of the June 18, 2015 Technical subcommittee conference call – Mario Bergeron:

On a motion by Allan Paul, NCDOT, and a second by Kevin Kesler, FRA, the Minutes from the June 18, 2015 Technical subcommittee call were approved without objection.

5.

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

Melissa Shurland provided the following update:

RVAAC:

Melissa summarized activities of the RVAAC.

The next RVAAC meeting to finalize the report will be held on July 29th at the Access Board. The report is posted on the website. Melissa will provide Steve Hewitt with the link for distribution to Technical subcommittee members. There will be call-in capabilities and she will provide that information to Steve, as well.

Accessibility Working Group:

Melissa is continuing to work with Oregon State University for accessible bathroom configurations.

6.

Status Report: Dual Mode Locomotive (DC 3rd Rail) spec development – Jack Madden:

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

"Mr. Chairman, the closing date of the 4 week period for comments on the Dual Mode specification from the Technical Subcommittee members was Thursday July 2nd. The Loco WG met by conference call on Thursday 7/9 and reviewed a spreadsheet containing a number of those comments. We have received additional comments and a revised spreadsheet containing about 50 comments total was circulated to the all the members of the Working Group on 7/14, with a request of the Team Leaders to review the comments assigned to their teams. A few additional comments have been received and will be posted to the spreadsheet soon.

The next Loco WG conference call is scheduled for Thursday 7/23. We plan to finalize the disposition of the comments and provide the completed spreadsheet to Tammy Krause. Camren Cordell will revise the Dual Mode Locomotive Specification based upon the approved language as contained in the spreadsheet. The schedule is to provide the revised Dual Mode spec to the Technical Subcommittee for one last two-week review starting on 7/30.

Mr. Chairman, excluding any questions concerning the Face-to-Face meeting logistics, -that concludes my report."

Steve Hewitt provided the following logistics information:

The meeting on the 19th will take place on August 19th at NYSDOT – 50 Wolf Rd Albany, NY in conference rooms A, B, C. The meeting will begin at 8:30AM and will conclude by 5:00PM with Technical subcommittee approval of the specification anticipated.

The tour of the Rennselaer maintenance facility will take place on August 20th from around 8:30 AM until around noon. Make travel arrangements accordingly.

There is limited space in area hotels due to the Saratoga race track season. States/core team members have been provided with the group rate hotel information first (Holiday Inn Express, 205 Wolf Road, Albany, NY) and it is at the government rate. On July 24th, the group code information will be sent to all industry members who may wish to stay at the same hotel.

Whether staying over- night or not – please register your intentions to attend the meeting on the 19th, and/or the Rennselaer maintenance facility tour on the 20th so that we have a proper head count for the meeting room set up and for the tour transportation.

Core team members are asked to register with Steve Hewitt, as well, to ensure that a quorum will be present.

Kevin Kesler reported that FRA is under a strict travel ban and likely would not be able to attend in person.

After some discussion, it was agreed that Kevin would take the request back to FRA, noting that its presence is essential to the process, and without FRA's availability, a quorum could not be established and the specification approval could not occur. By phone, the FRA could participate, but with difficulty, due to the way the meeting is conducted. The "real time" interaction that captures input from all parties involved, and revises the spec on site as needed, would be difficult to participate in fully by phone.

There will be an action item opened up for the next call, for FRA to inform the subcommittee as to its status for the meeting.

Jack Madden will check on the possibility of adding a conference speaker phone if necessary.

7.**Document Control update – Tammy Krause:**

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

"Document control is currently continuing to support the Dual Mode Locomotive Specification effort. The draft version is currently going through some updates prior to the meeting in Albany. I am working on the approval process for the Bi-Level specification weight change request and the review panel met today to discuss it. I am also handling 15 new Document Change Requests for the Bi-Level.

That is my report."

8.**Update: Procurements:****Diesel-electric locomotive – Art Peterson for Jennifer Bastian:**

The following update was provided for inclusion in today's minutes:

- a) *The payment of invoice for milestone G is being processed by IDOT.*
- b) *FDR follow-up action items are being processed for closure.*
- c) *The First Article Inspections (FAI) for the engine room lighting was held on 7/15, the XITCS FAI will be held during the last week of July. The FAI for the traction alternator will be conducted in early August.*
- d) *Manufacturing for the first locomotive carbody has begun. Some delays have been experienced due to materials and vendor QA, but are being managed within the project's schedule float by the contractor. The contractor is working to verify the extent of the schedule impact.*
- e) *The welding process reviews were held 7/7 – 7/9 in Sacramento.*
- f) *No further RFCs are anticipated. Fourteen draft (DCRs) are being prepared and Rich Stegner has contacted Tammy Krause, to coordinate processing.*
- g) *The JPEs, FRA and AAR (host RRs and Amtrak) met in early June for guidelines for vehicle qualification testing. Follow-up teams will be meeting for action item resolutions.*
- h) *The last meeting for the diesel exhaust fluid (DEF) review and application team was held on 7/13/2015.*
- i) *The locomotive weight is 271,000 lbs (+/-) and the calculated P2 force is still within specified limits. Weight is being closely monitored.*

Dale Engelhardt asked about fuel consumption rates – he will be sending an email to Siemens requesting information – especially with regard to 70 mph or 110. The concern for Amtrak is to make sure that there are sufficient fuel depots based on the anticipated fuel consumption.

Art Peterson noted that he is adding fuel consumption and DEF consumption to the assignment profile.

Bi-level Cars – John Colwell for Momoko Tamaoki:

John Colwell provided the following update on the bi-level car procurement:

Car shell structural testing is underway.

Pre-compression test experienced some "issues" – being addressed.

FAI of the car shell took place last week. Overall the results were satisfactory – but there are a few open action items to be resolved.

Power doors FAI will be complete by the end of July.

Design Review: There are 18 items yet to be closed.

4 or so design related actions.

No RFC updates at this time.

DCRs are being prepared and sent to tammy Krause.

QAI meeting will take place in Rochelle, Illinois on August 20th with Caltrans, IDOT and FRA in attendance.

An updated production schedule was submitted by the manufacturer on June 29th – Caltrans and FRA reviewed it and felt that it lacked detail. The manufacturer will provide a revised schedule with additional detail by next week.

9. Progress report: Diesel Exhaust Fluid (DEF) / UREA Working Group - Art Peterson for Jennifer Bastian:

The last meeting of the DEF/UREA Working Group was held on June 29th. The next meeting will take place in a month's time.

They have been developing a preliminary estimate of burn rates and fueling locations.

They are talking about storage quantities to be required – additional information is needed.

The group is working with Amtrak on a potential RFI for fueling depots.

Art Peterson is working on the project schedule – not complete yet.

10. AAR Committee – Monthly Update – Kevin Kesler for Jeff Gordon:

AAR Committee – Monthly Update:

Jeff Gordon provided the following update for inclusion in today's minutes. Kevin Kesler read them into the record.

"Dave Cackovic (AAR-TTCI) prepared (with Rich Stegner's assistance) and distributed the meeting notes, presentation slides and a spreadsheet developed during the meeting. The documents include the meeting agenda, as well as the initial discussion materials prepared and presented by AAR.

The spreadsheet includes the various teams created during the meeting and dates for the first teleconference of each group beginning on July 20. Email invites to participants have been sent or will be sent shortly. Expect further updates in the August report on this activity."

Adjourn: With no other issues to come before the subcommittee today, at approximately 3:41PM Eastern, Mario Bergeron adjourned today's Technical Subcommittee conference call meeting.

Next Call: July 30, 2015 – 3:00pm Eastern

Decisions and Action Items

RVAAC: RVAAC is reviewing the final report that will go to the Access Board July 29, 2015. Chairs of subcommittees will present recommendations. (Ongoing)

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

Backgrounder educational document: The updated Backgrounder remains available upon request. Please contact Steve Hewitt at shewitt109@aol.com if you want to receive Backgrounders. Provide the quantity requested and an address for sending them to.

DEF Working Group: The working group continues to meet regularly – next meeting - one month from now (approximately). A project schedule is still being finalized and, upon completion will be sent to Mario Bergeron and Steve Hewitt who will distribute it to the Technical subcommittee members.

Dual Mode (DC 3rd Rail) Locomotive Specification development: The 4 week period for comments on the Dual Mode specification from the Technical Subcommittee members was Thursday July 2nd. The Loco WG met by conference call on Thursday 7/9 and reviewed a spreadsheet containing a number of those comments. Additional comments were

received and added to a revised spreadsheet and circulated to the all the members of the Working Group on 7/14.

The next Loco WG conference call is scheduled for Thursday 7/23. The plan is to finalize the disposition of the comments and provide the completed spreadsheet to Tammy Krause. Camren Cordell will revise the Dual Mode Locomotive Specification based upon the approved language as contained in the spreadsheet. The schedule is to provide the revised Dual Mode spec to the Technical Subcommittee for one last two-week review starting on 7/30.

Dual Mode Meeting – Albany NY 8-19 and 20: The specification review meeting will take place on August 19th at NYSDOT – 50 Wolf Rd Albany, NY in conference rooms A, B, C. The meeting will begin at 8:30AM and will conclude by 5:00PM with Technical subcommittee approval of the specification anticipated.

The tour of the Rennselaer maintenance facility will take place on August 20th from around 8:30 AM until around noon. Make travel arrangements accordingly.

Hotel accommodations have been made by AASHTO at the Holiday Inn Express 205 Wolf Rd Albany, NY. State/core team members have received the block room reservation information. Information to the full subcommittee will be distributed by July 24th.

Members should make reservations asap as rooms are scarce in Albany due to the Saratoga Racing season.

Members are asked to send Steve Hewitt confirmation of plans to attend the meeting and/or the tour. Head counts on both are critical for meeting room arrangements (19th) and for transportation arrangements (20th).

Please send Steve your plans to attend by COB July 30, 2015.

AAR Committee: Next update due August 13, 2015.

FRA travel to NGEC Technical subcommittee meeting in Albany, NY – 8-19 and 8-20-15: FRA to inform the subcommittee as to its ability to attend this meeting.

Jack Madden will check on the feasibility of arranging a speaker phone for FRA participation if unable to travel.

AWG report: FRA is continuing to work with Oregon State University for accessible bathroom configurations.

RVAAC: The meeting of RVAAC with the Access Board to on the final report is scheduled for July 29, 2015 at the Access Board.

The final report is posted on the website. Melissa will provide Steve Hewitt with the link, and will provide him with call in information for the July 29 meeting.

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

July 16, 2015

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 June 18, 2015 | Mario Bergeron |
| 5. Accessibility Working Group/RVAAC related issues update | Melissa Shurland |
| 6. Status Report - Dual Mode (DC 3 rd Rail) Locomotive | Jack Madden |
| 7. Document Control update | Tammy Krause |
| 8. Update: Procurements | Jennifer Bastian |
| a. Diesel-electric locomotive | Momoko Tamaoki |
| b. Bi-level Cars | |
| 9. Progress report: Diesel Exhaust Fluid (DEF) / UREA Working Group | Jennifer Bastian |
| 10. AAR Committee: Monthly Update | Jeff Gordon |
| 11. Other Issues | All |
| 12. Review this meeting: | Steve Hewitt |
| a) Decisions | |
| b) New Action Items | |

***Technical Sub Committee Conference Call Meeting:
Thursday July 16, 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 – 7-30-15 at 3:00pm Eastern