

SECTION 305 TECH SUB COMM

MINUTES

FEBRUARY 8 2011

3:00PM

CONFERENCE CALL

FACILITATOR	<i>Mario Bergeron, 305 Technical Subcommittee Chair</i>
ATTENDEES	<i>Mario Bergeron, Ken Uznanski, Rob Edgcumbe, Tammy Krause, Greg Gagarin, Dave Warner, Michael Burshtin, Kevin Kesler, Charles Bielitz, Jeff Gordon, Michael Coltman, Brian Marquis, Stan Hunter, Steve Fretwell, Allan Paul, Curtis McDowell, Jack madden, Andrew Wood, Philip Maranz, Steve Hewitt, Industry Participants: Larry Salci, Richard Curtis, George Mekosh, Jack Martinson, Richard Trail, Rick De Bella, Mas Wantanabe, Neil Glennie, Tak Ishigami, Bill Saddler, Josh Coran, Paul Jamieson</i>
ABSENTEES	<i>John Tunna, Dharm Guruswamy, Anand Prabhakaran, Karina Jacobsen, David Tyrell, George Weber, Art Peterson, Tammy Nicholson, Kevin Lawson, John Oimoen, Michael Treazise, Don Damron, Shayne Gill, Charlie Poltenson, Dale Engelhardt, Mike Trosino</i>

DISCUSSION/DECISIONS MADE

Mario Bergeron, Technical Subcommittee Chair, opened the meeting and provided an overview of the agenda.

Steve Hewitt took the roll of the "Core Team" members present on this conference call meeting and asked that industry participants email a notification of their attendance to him at shewitt109@aol.com.

On a motion by Rob Edgcumbe and a second by Dave Warner, the minutes of the January 20, 2011 conference call of the Technical Subcommittee were approved without objection.

Steve Hewitt reviewed the open action items – some were addressed as agenda items – some were not. On the items not covered by the agenda, the following describes the discussions/status of each item:

Standardization: Rob Edgcumbe reported that he had not received any additional comments on the draft report. He will use the report, as drafted, for the basis of his presentation to the Executive Board on February 15, 2011 at the NGEN Annual Meeting.

Maintaining Industry Participation List: Ongoing – nothing new to report

Next Steps in Specification Development: Rob Edgcumbe reported that no comments on his draft "white paper" had been received since the January 20, 2011 conference call.

Agenda Items:

Status of Review Panels reports for Diesel-Electric and Single level cars: Consultant to the Review Panels, Larry Salci, reported:

Single level standalone cars: The recommendation to the Review Panel for the Single level standalone cars specification will be to approve the specification with minor corrections (primarily spelling, typos and conversion error). Mr. Salci has provided the panels with a letter noting the minor items to be corrected. These items he cited were not substantive in nature and he recommended that the Amtrak engineering team make the corrections in advance of the Board meeting, rather than wait until after the vote. These corrections will simply clean up the document and make it reasonable to post on the website, once approved.

Mr. Salci also noted that standardization remains an issue in this spec, just as it does in the bi-level specification. Standardization is to be addressed at the Board meeting on February 15, 2011. If the Board accepts the standardization recommendations to be presented on the 15th, they should be included in the single level car and all other specs prior to going out to procurement.

After some discussion as to how these types of changes were handled for the bi-level specification. It was agreed that, although the Bi-level corrections were made after the Board vote, and are being made with change request forms, the minor errors to the single level document should be made now, so as not to clutter the report with non operational, non substantive errors. It was also agreed that, as the Amtrak team is making these corrections, if they come across additional minor errors they should correct those as well, and provide Mr. Salci with a list of the

added corrections. Mr. Salci will then have one document citing all minor errors noted and corrected. The corrections, as made, will be highlighted for the Board (and the industry) to see what those corrections are.

Diesel-Electric Locomotives: Mr. Salci reported that his recommendation to the Review Panel for the Diesel-electric locomotive would be to "table" the specification in order to make more significant changes and/or additions to the specification.

Mr. Salci explained that this specification was a bit more challenging than the car specifications that have been developed. The Diesel-electric locomotive spec is more of a template for a performance spec. It is not based on an existing spec or strawman, as were the single level and bi-level car specs. Mr. Salci believes that the fundamentals of the requirements document are included, but that there are significant areas that are lacking.

Some of those areas which need to be added or improved are:

- The spec needs to have a chapter on project management/project control
- The content format should follow that of the other PRIIA specs
- There needs to be a chapter on documentation
- Chapters need to be cross referenced to other chapters
- The Executive Summary needs expanding. It is currently 2 pages – it should be expanded with better levels of specificity.
- The spec needs a detailed section on reliability and maintainability
- Standardization remains an issue in this spec as it does in the other specifications developed by the subcommittee. The recommendations on standardization to be presented to the Board on February 15, 2011 should be accepted by the Board and included in all of the specs prior to going out to procurement.

The Review Panels are meeting on Wednesday, February 9, 2011, and it is anticipated that they will accept Mr. Salci's recommendations. The locomotive subgroup of the Technical subcommittee has already begun to make the changes as recommended by Mr. Salci.

It was agreed that the subcommittee will finalize a new timeline to fix the specification and complete it in accordance with the recommendations.

Dave Warner described a proposed timeline for completion of the revised specification. The proposed timeline reflects Executive Board Chair Bill Bronte's request that the Board hold a special meeting on or about March 15, 2011, for Board consideration of the revised spec. The special Board meeting would be held in conjunction with the AASHTO Standing Committee on Rail Transportation's (SCORT) business meeting being held in Washington, DC March 14-15, 2011.

The basic "draft" timeline described:

2/7/11: Locomotive Subgroup has received the recommended changes

2/15/11: Comments received from the subgroup

2/17/11 – Amtrak Engineering team will incorporate all comments

The revised version with the incorporated comments will be sent to Steve Hewitt for posting and distribution. All subcommittee members will have 7 days to review and provide change requests to the working group leaders of the locomotive subgroup through the use of the change request forms

2/24/11: The subcommittee approves the revised document

2/28/11: changes are made as per the subcommittee input and sent to the Mr. Salci

3/4/11: The revised spec is submitted to the Locomotive Review panel

3/9/11: Review Panel finalizes its report

3/10/11: Review Panel report and recommendations, along with revised spec is sent to the Executive Board members for review.

3/15/11: Executive Board meets to consider the revised spec for approval

After much discussion, it was agreed that Mr. Warner will provide Steve Hewitt with a summary and final timeline reflective of today's discussions, highlighting the recovery plan for completing the diesel-electric locomotive specification. Steve Hewitt will distribute the summary and timeline to subcommittee members and post on the website.

It was agreed that the February 17, 2011 technical subcommittee call will be cancelled. The next call of the subcommittee will take place on February 24, 2011 and will serve as the review meeting for finalizing the specification. On this call, the subcommittee voting members will be asked to consider the revised specification, and a roll call vote will take place to determine whether or not consensus has been achieved. In advance of the February 24, 2011 conference call, Steve Fretwell, locomotive team leader, and Dave Warner will prepare a

summary of all changes and send to Steve Hewitt for distribution to all subcommittee members.

Review of the recent survey of States needs for trainsets: Andrew Wood summarized the results of the states survey he had conducted to get a general sense of the potential volume of trainset orders that could be anticipated over the next 10 years:

- 17 states replied to the survey
- 10 said yes to intending to order trainsets
- 2 states said maybe
- 5 states responded that they have no intent to order trainsets
- In total, the anticipated # of trainsets expected to be ordered over the next 10 years is approximately 73 to 75 trainsets

Andrew will provide Steve Hewitt with the survey results for posting and subcommittee distribution.

Trainset specification development way forward: Mario Bergeron described the results of a conference call among the technical subcommittee leaders on January 31, 2011. The purpose of the meeting was to discuss the issues that had arisen within the subgroups concerning the development of the trainset specification as mandated by the Executive Board.

In general, the subgroups had expressed varying degrees of concern with the proposed timeline for completion; the trainset definition; and the perceived lack of market demand for trainsets. Basically, industry members who have given much time and energy to the previous two specifications have expressed concern about devoting a great deal of time to this specification development, if there is little or no market demand.

The leaders, in discussing these concerns, looked at the possibility of developing the specification as a performance spec. Members of the subgroups interested in working on the spec would develop it, and it would then be sent out to all members of the subgroups for their review and comment. Team leaders had been asked to take this concept back to their teams and provide the results of their discussions on the call today.

Greg Gagarin polled the team leaders:

Electrical: Tammy Krause reported that the Electrical subgroup agrees with having a skeleton group of the electrical team work on the development of a performance spec, with all subgroup members reviewing the work when complete. They did not have a timeline in mind for completion.

Mechanical: Jeff Gordon reported that the mechanical subgroup has about one third of its members who are willing to work on developing a trainset performance spec. The group highly recommends a great deal of interaction with the other subgroups in developing the spec. The timeline that this team recommends would be a completion of its work by the end of April, 2011, and an extended technical subcommittee review period –possibly the month of May- before being voted on by the technical subcommittee.

VTI: Brian Marquis reported that he has about 2 or 3 of his team's members willing to work on the spec, with full subgroup review of the team's work to follow. His team supports the timeline as presented by Jeff and also by Anand Prabhakaran (structures)

Structures: Anand was unavailable for the meeting today, but Greg Gagarin summarized an email report provided by Anand. Anand's team has a small group willing to work on the spec development and the full group will review. The timeline for completion of the subgroup work is the end of April, 2011.

Interiors: Andrew Wood reported that his team is following the original timeline, and he is having similar participation by members as he has had with the other specification developments. His team currently expects to complete its work by the original date of February 23, 2011. As soon as the team has completed its work, it will be shared with the other teams for integration into their efforts.

It was agreed that the trainset specification development process, and schedule, will be revised as discussed. The specification development will be completed for review by the industry by the end of April, 2011. Greg Gagarin will develop milestones and a schedule for review by the subcommittee during the February 24th conference call. Once the schedule is approved, the subcommittee will begin to determine a date and location for the final review meeting.

Update on ADA and platform heights: Kevin Kesler gave a brief summary of comments he has received thus far from FRA staff. He will provide the comments received to date to Steve Hewitt for distribution.

Systems Engineering working group update: Kevin Kesler reported that the Systems Engineering Working group has made good progress and has come to consensus on items to be included in the systems engineering process and documents. The working group has also developed a budget and schedule.

Following this call, Kevin will provide Steve Hewitt with the Systems Engineering presentation which he will present to the Executive Board at the February 15, 2011 Annual Meeting. Steve will distribute it to all subcommittee members for their review.

Work Plan beyond April, 2011: Chairman Bergeron gave a brief overview of the Work Plan for the subcommittee going forward. The proposed work plan has been submitted to the Executive Board for its consideration, and anticipated approval, on February 15, 2011 at the Annual Meeting.

Some of the key elements in the proposed work plan as described by Mr. Bergeron:

- Dual mode locomotives – establishing a task force to look at the issue of dual mode locomotives – new technology and/or technology as we know it today and next steps.
- Standardization
- Systems Engineering
- Completing the trainsets specification development
- Acquisition support as required
- Discussion of section 305 as pertaining to very high speed rail.

Next Conference Call: February 24, 2011 at 3:00pm Eastern

Action Items Update (New)

Tammy Krause will provide to Larry Salci a list of additional minor corrections/changes to the single level specification.

Greg Gagarin/Dave Warner to provide Steve Hewitt with a summary and timeline for completing the revised diesel-electric locomotive specification. Steve to have it posted on the website and will distribute it to all subcommittee members.

Steve Fretwell and Dave Warner will develop a summary of all changes and revisions to the locomotive specification and provide it to Steve Hewitt for distribution in advance of the February 24, 2011 tech sc conference call.

Andrew Wood will provide Steve Hewitt with a summary of the states survey in regards to future procurement of trainsets. Steve will distribute to the subcommittee members.

In advance of the February 24th conference call, Greg Gagarin will draft revised milestones and dates for the development of the trainset specification for review by the technical subcommittee.

Once a new trainset timeline has been approved, a final review meeting date and location will be determined

Kevin Kesler will provide Steve Hewitt with the comments he has received from FRA staff, thus far, in regards to ADA and Platform height requirements. Steve will distribute to the subcommittee membership.

Immediately following this conference call, Kevin Kesler will provide Steve Hewitt with the Systems Engineering presentation he and the working group have prepared for presentation to the Executive Board on February 15, 2011. Steve will distribute it to subcommittee members.

ATTACHMENTS



PRIIA Section 305 Tech Sub Committee Meeting

Agenda - February 8, 2011

- | | |
|---|-----------------|
| 1. Roll Call | Steve Hewitt |
| 2. Review meeting agenda | Mario Bergeron |
| 3. Approve Minutes
Review Action Items | Steve Hewitt |
| 4. Status of the Review Panels for loco and single level | Bergeron/Salci |
| 5. Review of recent survey of State needs for trainsets | Andrew Wood |
| 6. Trainset specification development way forward | Dale Engelhardt |
| 7. Schedule for trainset specification development and approval | Dale Engelhardt |
| 8. Update on ADA and platform heights | Kevin Kesler |
| 9. Systems Engineering Group Update | Kevin Kesler |
| 10. Work plan beyond April 2011 | Mario Bergeron |
| 11. Review this meeting: | Steve Hewitt |
| a) Decisions | |
| b) New Action Items | |

***Technical Sub Committee Conference Call Meeting:
Tuesday February 8th 3:00 EST: 1-866-209-1307 / passcode 6486648#***