ITS CABINET WORKING GROUP TELECONFERENCE
THURSDAY, 01/06/11, 3:00-04:30 PM ET

ATTENDEES | VOTING MEMBERS AND RECENT ATTENDEES NOT PRESENT
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Bob Rausch, TransCore * | Clyde Neel, Naztec *
Reza Roozitalab, McCain * | Ron Johnson, Harris County, TX *
Ralph Boaz, Pillar Consulting * | David J. Wells, Caltrans *
Peter Skweres, MnDOT * | Alberto Escobar, City of Houston *
Craig Gardner, Intelight ITS * | Kenneth Lee Montgomery, GADOT *
Brent Katauskas, Siemens * | Mohamed Talas, NYCDOT *
Peter Ragsdale, Self * | Jim Waggoner, SFMTA *
Jim Rose, Econolite * | Jean Johnson, NEMA
Leah Fuss, Econolite | Guillermo Ramos, NYSDOT
Scott Evans, EDI * (joined late) | Gerry deCamp, Self
James Kinnard, Adaptive Solutions (joined late) | Andrew Wrigley, Harris County, TX
Henry Wickes, TXDOT | Daryl Skinnell, TXDOT
Sean Coughlin, Caltrans District 4 | Adrianne Franscini, Siemens
Bill Brownlow, AASHTO | Blake Christie, Noblis
Andy Mao, Harris County | Wayne Gisler, Harris County, TX
Srinivasa Sunkari, TTI | Luis Garcia, McCain
Dean Eicher, Naztec | Neal Smith, NYSDOT
Neal Smith, NYSDOT | Siva Narla, ITE
Siva Narla, ITE | Dave Miller, Siemens
Raul De Anda | Joe Palsa, Clary Corp.
Steve Alonge, Noblis

GENERAL
- Ralph Boaz led introductions.
- Bob Rausch gave meeting conduct guidance.

CONTRACT STATUS
- Bob Rausch reported the SDOs and the USDOT are still in negotiations.
- We are now working as an all volunteer committee. This has an upside in that we have a little time to finish up some issues in the WG that have not been resolved.
- Ralph Boaz reported that ATC Joint Committee has instructed our Cabinet Working Group to include the low voltage option in our work. This will likely take on some lively debate.

ITS CABINET V2 REQUIREMENTS
- Ralph stepped WG through the ITS Cabinet System Requirements Version 1.03 distributed prior to the teleconference.
- There are editorial remarks on areas where more information is needed or decisions are to be made by the WG, etc. They are identified in the form [EDITOR – …].
- The table of contents needs formatting.
- Added back in user need for low-voltage. Peter Skweres and others thought that the requirement still needed wordsmithing to use the proper terminology and possibly a reference to the appropriate section of the NEC. [SKWERES]
- New organization of the requirements is at the assembly level. It was the consensus of the group to support this approach.
- There was discussion on whether the group had actually settled on the Clean Power Bus Assembly (CPBA) and the Serial Bus Assembly (SBA). It was brought up by several WG members that the WG had extensively discussed them and that were including them in the standard.
- The WG asked that the CPBA and the SBA be turned horizontal as not to infer any architecture. [BOAZ]
- The WG asked that the term load switch be replaced by switch pack. [BOAZ]
- The WG asked that the term High Density Switch Pack (HDSP) be used. Should High Density Flasher be used? Other newer items that have higher density than before? [BOAZ]
- Some of the teleconference notes from November and December still need to be distributed. [BOAZ]
- Electrical specifications for the switch packs need to be in ranges. [BOAZ]
- It was discussed that the low voltage issues be addressed after we make more progress on the rest of the cabinet.
- Ralph asked that specific people look at certain sections of the document and clean them up for the next meeting.
  - Housing – Leah Fuss [FUSS]
  - Monitor Assembly – Scott Evans [EVANS]
  - Environmental Requirements 5.1.24 through 5.1.27 – Jim Rose [ROSE]
  - Service Assembly, Clean Power Assembly, Serial Assembly – Reza Roozitalab [ROOZITALAB]

ONE LINE DIAGRAM REVIEW
- Reza Roozitalab stepped the WG through his one line drawing representation of the ITS Cabinet.
- The one line diagram needs to be modified to include the dual switch packs and multiple FTAs.
- The FTA was discussed concerning the fusing of the field outputs. It was the consensus of the group that we first design the FTA without fusing since most states do not require it. After this is designed we will look at an option for a fused output FTA. Care should be made in designing the non fused version keeping in mind that a fused version may be accommodated.
- WG asked that there be more details shown on the CMU and Flasher with the sensor wire being shown.
- Discussed eliminating 12VAC from the design. It would eliminate a transformer and simplify the design. We need to make sure that doing this will be compatible with the rest of the elements of the cabinet. [ROOZITALAB/JOHNSON]

NEXT MEETINGS/TELECONFERENCES
- Teleconference, Friday, 01/14/11, 12:00 Noon ET. Note that this is a new time.