ATC CONTROLLER WORKING GROUP (WG) TELECONFERENCE
THURSDAY, 10/23/14, 01:00-03:00 PM ET

ATTENDEES

Ralph Boaz, Pillar Consulting *
Jim Rose, Econolite
Peter Shuttleworth, Econolite
James Kinnard, Adaptive Solutions
Joe Palsa
Jon Wyatt, IDI
Siva Narla, ITE
Gary Duncan, Econolite *
Joe Palsa, Clary Corp.
Douglas Tarico, McCain *
Clyde Neel, Naztec *
Mike Gallagher, Intelight *
George Chen, LADOT *
Peter Ragsdale, Self *
Herasmo Iniguez, Caltrans *
Robin Harrison, Peek *
Mohamed Talas, NYCDOT *
Ron Johnson, Intelight
Bill Brownlow, AASHTO
Peter Skweres, MnDOT
Ray Deer, Peek Traffic
Doug Crawford, Intelight
Doug Spencer, ODOT
Guilermoro Ramos, NYSDOT
Craig Gardner, Intelight
Allen Judkiewicz, Noblis
Ken MacLeod, Naztec
Blake Christie, Noblis
John Thai, City of Anaheim *
Bob Rausch, TransCore *
Dave Miller, Siemens *

VOTING MEMBERS AND RECENT ATTENDEES NOT PRESENT

Ralph Boaz, Pillar Consulting *
Jim Rose, Econolite
Peter Shuttleworth, Econolite
James Kinnard, Adaptive Solutions
Joe Palsa
Jon Wyatt, IDI
Siva Narla, ITE
Gary Duncan, Econolite *
Joe Palsa, Clary Corp.
Douglas Tarico, McCain *
Clyde Neel, Naztec *
Mike Gallagher, Intelight *
George Chen, LADOT *
Peter Ragsdale, Self *
Herasmo Iniguez, Caltrans *
Robin Harrison, Peek *
Mohamed Talas, NYCDOT *

VOTING SUMMARY

WG VOTING MEMBER #1 #2 #3 #4 #5 #6
Ralph Boaz, Pillar Consulting * A N Y Y N
Gary Duncan, Econolite * Y N Y Y N
Douglas Tarico, McCain * Y N Y Y Y
Clyde Neel, Naztec * Y N Y Y Y
Mike Gallagher, Intelight * Y N Y Y Y
George Chen, LADOT * Y - - - -
Peter Ragsdale, Self * Y A Y Y N
Herasmo Iniguez, Caltrans * Y N Y Y Y
Robin Harrison, Peek * N N Y Y N
Mohamed Talas, NYCDOT A A Y Y N

TOTALS (YES/NO/ABSTAIN) 7/1/2 0/7/2 9/0/0 9/0/0 4/5/0 0/0/0

[* indicates a voting member of the Working Group.]
[Action items are assigned using the form "[ACTION: LASTNAME]".]
[Motions voted on formally by the working group are identified by "MOTION #".]

GENERAL
- Gary Duncan chaired the meeting.
- Introductions led by Ralph Boaz with 10 of 13 voting members present. Total present 17.
- SDO meeting conduct guidance read by Ralph Boaz.

DISCUSSION
- Siva discussed that the USDOT is having a discussion on vulnerabilities in the ITS standards on a date sometime between 10/28 and 10/30. Need to have an emergency meeting to understand this. A
known feature of the standards should not be able to be misused. What are the features and vulnerabilities within the standards?

- Gary Duncan expressed concerns that this could become a multi-year effort. Also, much of the vulnerability exists in the Application not the controller. Siva said that is Ok. Possible issues can be raised and then stated as out of scope.
- Present will be ATC WG, Ed Fok, Bob Arnold, NEMA Tech Committee and other Consultants.
- Siva requests that the group contain the information so that it does not go out until it can be properly captured and understood.

- Ralph Boaz forwarded Peter Ragsdale’s update to Priority 1/0 comments. He stated that he separated things so that they could be voted on. Clarified some items.
  - It was the consensus of the group to use the revised comments.

- CAN Bus Discussion
  - Discussed that we already voted to approve the use of unused Engine Board pins for a CAN bus interface. There are other pins still available for other communications if we want them in the future.
  - Discussed that this is an optional interface of the ATC.
  - MOTION #1 made by Peter Ragsdale to select a connector for the CAN bus interface. Seconded by Jim Rose. Motion Passed [7/1/2].
  - MOTION #2 made by Gary Duncan to use a 5-pin Phoenix CAN bus connector. Seconded by Peter Ragsdale. Motion Failed [0/7/2].
  - MOTION #3 made by Ralph Boaz to use a RJ45 connector and label it. Seconded by Peter Ragsdale. Motion Passed [9/0/0].

- Performance Group Discussion
  - Performance group sent out a recommendation for a rewrite of section 4.3.3. Discussed that comments 1-134, 1-135 and 1-136 were closed. There are some editorial corrections to be made.
    . Note: Volatile and non-volatile memory items were addressed previously.
  - MOTION #4 made by Herasmo Iniguez to accept write-up. Seconded by Gary Duncan. Motion Passed [9/0/0].
  - Discussed comment 1-131 and email from Herasmo Iniguez regarding the Performance Group’s recommendation for the communications loading parameters.
  - There was discussion on whether this was intended to be a unit test of the controller or an engine board test.
  - MOTION #5 made by Herasmo Iniguez to accept recommendation. Seconded by Gary Duncan. Motion Failed [4/5/0].
  - The Controller WG would like the Performance subgroup to go back and get a stronger recommendation.

NEXT MEETINGS/TELECONFERENCES

- Proposed dates for next Controller WG teleconference are 11/4/14 - 11/6/14. Use Doodle Poll to determine exact date/time. [ACTION: BOAZ]