

APTA Communications Subcommittee Minutes of Meeting

Date: June 11, 2006

Time: 2 – 5pm

Location: Joint PSC Technical Forum & Communications Subcommittee Mtg., NY, NY

Facilitator: Jonathan McDonald, Chair - Communications Subcommittee

Attendees:

Name	Organization	Email
Jon McDonald	LTK	jmcdonald@ltk.com
Bob Glines	Gannett Flemming	rhglines@aol.com
Bob Evans	Idaho National Labs	Robert.evans@inl.gov
Dave Teumim	Teumim Technical	Dave431@enter.net
Aida Asuncion	LACMTA	asunciona@metro.net
Robert Stern	Telcordia	Rstern2@telcordia.com
Dominick Minneci	BD Engineering	dm@bd-engineering.com
Brian Tannenhaus	BD Engineering	bt@bd-engineering.com
Fred Woolsey	Interfleet Technology	Woolsey.f@interfleetinc.com
Anne O'Neil	NYCT	Anne.oneil@nycct.com
Dave Gorshkov	Digital Grape	dg@dgrape.com
Gary Wisgo	Geofocus, LLC	gwisgo@geofocus.com
Lee Denney	Parsons Brinkerhoff	Denney@pbworld.com
Gary Pruitt	Arinc	gpruitt@arinc.com

Agenda Items:

I. Introductions

II. Review of Meeting Minutes

- Jon briefly reviewed the discussion at the last meeting. Full details can be found on the website at www.transitcommtech.com

III. Discussion of Bylaws

- Jon still needs to make a draft set by-laws
- ETA September Meeting

IV. Website

- Due to lack of internet services in the conference room no presentation was made of the site
- Site can be seen at www.transitcommtech.com All are to send in comments and additional industry links.

V. Discussion of New Projects and Initiatives within Member Organizations

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- NY CBTC Project by Gary Pruitt
 - a. Arinc with NYCT is in process of finishing Siemens and Alcatel CBTC interoperability demonstration
 - b. Project demonstrated interoperability up to ATO
 - c. Alcatel used Siemens radio to avoid radio issues
 - d. Tested – carborn to carborn; train to wayside; ATS to Car (station stop); ATS to zone controller
 - e. Issues still with radio frequencies. Currently project is prevented from full implementation until dedicated frequencies can be found. DHS is now involved and may assist.
- Interoperability Platform by Gary Pruitt
 - a. Arinc has developed a radio interoperability platform which allows different and otherwise incompatible radio talk.
 - b. Based upon Cisco IP phone switch the device can send and receive radio signals on multiple frequencies and formats, converts to voice level signals and connects at the voice level all or selected signals.
 - c. Product is currently working at the State of Washington EOC and is being sold to the Baltimore MTA Transit Police.
- Systems Engineering Initiative at NYCT by Anne O’Neil
 - a. NYCT is working to develop standards toward more formalized systems engineering. Anne has info from INCOSI, which she will provide.

VI. Discussion of On-going Activities

a. Radio 800 MHz Rebanding

Not covered in the meeting but Jon has the following update from one of our unofficial members:

There was a panel on 800 MHz Rebanding at IWCE. The basic news is that it is happening and lots of people are complaining about the process. The Transition Administrator (TA) announced a “fast track” option for planning funding requests that have a cost no greater than \$55 per subscriber unit in the system. For systems that meet this requirement, the TA will review their application for completeness and compliance with all of the rules and requirements imposed by the TA, then pass the application on to Sprint/Nextel who will enter into a contract for planning funding without any additional negotiations. This only applies to planning funding requests, not to the actual rebanding costs.

The FCC, its infinite wisdom, announced that the beginning of Wave 4 negotiations (which includes the border zones) will be on July 3, 2006, even though there are no treaties in place with Canada or Mexico. The order said that the parties should negotiate the portions of their agreements that do not depend upon having new frequencies assigned, since it is not possible to know what those will be yet.

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- b. *Standards/recommended practice development*
 - i. *CCTV Recommended Practice*
 - Dave Gorshkov noted that there has been little comment on the initial draft and we have decided to add in fixed facilities as well as mobile cameras.
 - Dave noted that ADT offered to help but has yet to produce anything
 - All are to comment
 - ii. *Control System Security*
 - Dave Teumim and Bob Evans presented their paper
 - All to comment
 - iii. *Definition of Communications*
 - Issue not covered
- c. *TCRP Radio and Wireless Assessment Update*
 - i. Jon noted that a contractor has been selected but has not started. Project is awaiting contracts at TRB to finalize.
- d. *Proposed TCRP Problem Statements*
 - i. Jon noted that the group is planning on submitting a problem statement on CCTV. The focus of the study is where does an agency get the most bang for the buck with CCTV reduced labor, reduced liability etc...

VII. *Working Group Discussions*

- a. Discussions forgone due to lack of time

VIII. *Action Items and Adjourn*

- a. Jon to draft By-laws by September meeting
- b. Anne O'Neil to send Jon links to INCOSI material and IEEE working group 26 on systems engineering
- c. Fred Woolsey/Dave Teumim to send Jon links to ISA stuff on cyber security
- d. Gary Pruitt to send links to Jon on IEEE WG #15 and also to look into draft paper on disaster recovery and interoperability. Case study would be nice for future work on interoperability based upon Washington EOC and Baltimore.
- e. **ALL TO SEND COMMENTS TO DAVE GORSHKOV ON CCTV and DAVE TEUMIM ON CONTROL SYSTEM SECURITY**

Next Meeting: APTA Annual in San Jose.