
STATEWIDE SYSTEM MANAGEMENT GROUP TECHNICAL WORKGROUP

OFFICE OF JUSTICE ASSISTANCE
1 S. PINCKNEY STREET
MADISON, WI 53703
JUNE 20, 2011

MEETING MINUTES

ATTENDANCE

MEMBERS

- Carl Guse
- Randy Pickering

VISITORS

- Kathleen Lordo, DOT
- Jeff Ohnstad

OJA STAFF

- Dave Spenner
- Jim Westover

TELECONFERENCE

- Joe Collins
- Gary McClelland
- Kevin Lemke
- Keith Butler
- Mike Knoll
- Alan Wisler
- Kent MacLaughlin

INTRODUCTIONS

DETERMINATION OF A QUORUM

OPTIONS FOR SITE ON WHEELS

The Pepro Scout model mobile tower site meets our needs for the WISCOM Site on Wheels (SOW). It is the most economical choice for the SOW. EF Johnson's new, smaller Atlas repeaters make it possible to use a smaller vehicle for the SOW and still retain the desired radio capabilities. There are several state vehicles that are able to pull the Pepro Scout. WisDOT will proceed with creating a bid based on the specs of the Pepro Scout.

Kent MacLaughlin asked the group if there are ordinances that prevent deployment of the SOW without licensing. The Pepro Scout's tower is 45' AGL, and therefore, under the exemption height.

The SOW will host a four channel trunking site (one control channel and three voice channels) as well as a VTAC36 repeater and an 8TAC repeater.

We have determined the using satellite as a means to tie the SOW into the WISCOM system is cost prohibitive and obligates WISCOM to recurring expenses. Other options include using a cellular companies air card capabilities or using a short haul 900 MHz microwave link. The latter is cost effective and does not incur recurring costs.

There will be a small radio cache that is deployed with the SOW. Because the asset will not always be tied to the WISCOM network, it is important to have radios that are programmed to use the SOW as a stand-alone site. Kent McLaughlin suggested that the WEM radio cache be made available for use with the SOW as well.

Call out procedures for the SOW were discussed. Kent McLaughlin suggested that the WEM duty officer manage the deployment of the asset. The frequency plan for the SOW is not yet determined, and it is likely that some tuning will be necessary to use frequencies that are available in the area to which the SOW is being deployed. Therefore, it is essential that WISCOM technical services at WSP retain the SOW be deployed with the SOW to select appropriate frequencies and properly tune the radio equipment per the location of the deployment.

The question was asked as to the possibility of having satellite phone on the SOW. There is currently no plan to have satellite phone capabilities on the SOW.

Next Generation EF Johnson Equipment:

Besides the new Atlas repeaters, which are much smaller than the current 3800 repeaters, EF Johnson is releasing a new 4-port analog gateway box, configurable controllers, and consolettes.

County Scan Beta Test:

WSP is experimenting with using a control station to scan the primary conventional police and fire channels used within a county and broadcasting this radio traffic over a talkgroup in WISCOM. This will enable agencies using the trunking system to interact with agencies that are still using conventional channels. In the near future, the control station radios will be remotely controllable from Stargate Dispatch consoles via consolettes.

WSP has 20 NIU's which they will be installing at sites for county scan beta testing. If this solution is deemed a success, it may be necessary to add repeater capacity to some sites as this will push a lot of conventional voice traffic to the trunking system. The interoperability benefits of being able to communicate with agencies still using conventional channels is deemed worth the potential capacity impact.

SPECIALTY TEAM TALKGROUPS

Randy Pickering will write up his thoughts on this subject and present this topic to the committee in a future meeting.

County Connection Program:

We will proceed with this program now that Final Acceptance Testing will begin shortly.

Other - We are pursuing an ISSI connection between WISCOM and DaneCom. Meetings are being arranged between Harris and EF Johnson.

MEETING ADJOURNED