

1 **RADIO COMMUNICATIONS SYSTEMS COMMITTEE**

2  
3 Sheriff's Office  
4 West Bend, Wisconsin

December 15, 2011  
1:00 p.m.

5  
6 Present: John Stern, Brian Bausch, Dennis Myers, Daniel Goetz, Rick Gundrum

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8 Also present: Sheriff Schmidt, Asst. Chief Paul Fahey, Chief Schmidt, Mike Hetzel, County Attorney,  
9 County Purchasing Agent, Captain Gonwa, Rob Schmid-Emergency Management, Brian Blacketer, Scott  
10 Sievert and Tom Fiesthumel– Harris Corp., David Gelyana - RCC

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12 Excused: Supervisor Tennies

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14 Chairman Stern called the meeting to order at 1:00 p.m. and read the affidavit of posting

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16 **MINUTES**

17 Minutes for November 2, 2011 – Moved by Supervisor Bausch and second by Supervisor Myers to approve  
18 the minutes of November 2, 2011. Motion carried.

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20 **UPDATE ON PROJECT – HARRIS CORPORATION**

21 Brian Blacketer reviewed the existing issues.

22 Portables – Transposed frequencies – this has been resolved.

- 23 • Speaker Microphones – The issue is resolved and units are in production with the vendor by next  
24 week. Delivery is scheduled for mid-January. This will fix the attenuated “go-ahead” tone issue.
- 25 • Units transmitting on incorrect group –
  - 26 ○ Resolved – software is now available for p5400 radios, but not yet downloaded.
  - 27 ○ Software written for p5100 radios, download pending resolution for M7100 mobile issues  
28 for release

29 Mobiles – Various

- 30 • Units transmitting on incorrect group – software has been rewritten. Will be released with software  
31 fixes as a whole.
- 32 • Transposed frequency – will be fixed with next download programming.
- 33 • Profile – resolved and tested at factory only. Still needs to be tested in field.
- 34 • Random CCScan
  - 35 ○ Significant progress being made as well as the liability to duplicate the issue in a lab  
36 environment
  - 37 ○ Multiple Harris resources working on issue

38 Brian Blacketer discussed the issues with the mobile radios are two-fold. The issues were thought  
39 to be in the mobiles, however it is now considered to be an infrastructure coding issue also. It is the result  
40 of VHF simulcast phenomenon due to signal strength in a simulcast environment. It is thought to only  
41 occur when a radio is sitting (not in a moving squad but on a desk).

42 Lovers Lane was shut down to address issues and all of the issues disappeared. Therefore they are  
43 now concentrating on reconfiguring the frequencies and signals through that tower. (It was stressed by a  
44 Supervisor that it will be important to not solve this issue and create new ones when altering things at  
45 Lovers Lane).

46 Full testing of new code will begin tomorrow in Lynchburg. By mid-January it will be ready to be  
47 put into the radios. This will take approximately 8 weeks. When the new code is put into the radios, the  
48 new microphones will also be attached.

49 A request for copies of the PowerPoint pages be sent to one Supervisor was made. The Sheriff had  
50 also requested copies of the PowerPoint but also requested a written statement of all existing issues,

1 solutions to the problems (and exactly what these will be), and implementation schedule. Harris will send  
2 the Sheriff the PowerPoint and the requested written documentation. The Sheriff will send out the  
3 PowerPoint copies to the requesting committee member.

4 A question was asked regarding the fixing of the warbling problem or if it still existed. It was  
5 explained that just as an analog system gets static, a digital system gets warbling or garbled messages.  
6 These should be few and random. If the case should arise where this becomes a frequent issue this will be  
7 addressed. The warbling is unique to all digital systems, but if someone were to be using our signal, this  
8 could cause an issue. Several people are monitoring the system regularly to be sure this is not happening.

9 Chief Schmidt related that he hears a squad transmit to dispatch and dispatch answer, but the squad  
10 does not hear dispatch. Other squads could hear the entire conversation. He has noticed this occurring  
11 with Hartford PD and today with a Deputy and County dispatch. Brian Blacketer suggested if the squad  
12 was in a low frequency area, this might happen. It was also stated that Hartford has reported items that are  
13 most likely low coverage issues. Sheriff Schmidt explained that he has met with Hartford Police and Fire  
14 Chiefs and the coverage issues have been discussed and are noted. It is unknown if Hartford has filled out  
15 a complaint form specifically about the issue Chief Schmidt related. A suggestion was made that Mike  
16 Hetzel and/or John Schrader contact Hartford PD and Hartford FD to discuss ongoing issues. Harris  
17 Representatives all requested that Hartford document when the incidents are happening so John, Mike and  
18 Harris can listen to the recordings. It is also important to know where the squad is at the time of the  
19 dropped communication.

20 Chairman Stern requested the next agenda should include an update on the Hartford issues as well  
21 as the warbling issues.

22 UPDATE - It was announced the Jefferson site generator contract was awarded and delivery is expected in  
23 January. Completion will be the last week in February.

#### 24 25 **NEXT MEETING DATE**

26 The next meeting date will be with Harris Corp. and RCC representatives on Thursday, January 26, 2012 at  
27 1:00 p.m.

#### 28 29 **ADJOURNMENT**

30 Moved by Supervisor Gundrum, second by Supervisor Goetz to adjourn at 1:46 p.m. Motion carried.

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33 Dale K. Schmidt  
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