

**The Mission of the DuPage ETSB Radio Project Steering Committee is to facilitate the design, deployment and operation of a scalable regional public safety voice communications network in order to improve the safety of our citizens and the responsiveness and the protection of our public safety officers.**

## **DuPage County ETSB Radio Project Steering Committee**

Regular Meeting  
December 17, 2009 at 2:00 P.M.

Location: Westmont Police Department  
500 N. Cass, 2<sup>nd</sup> Flr Training Room  
Westmont, IL

### **AGENDA**

1. Call to Order
2. Approval of Minutes – October 15, 2009 regular committee meeting
- 3. Presentation of Radio System Alternative**
4. Next Meeting – January 21, 2010 @ 2:00 pm at Bloomingdale Fire Station, 179 S. Bloomingdale Road, Bloomingdale, IL 60108
5. Adjournment

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## **DuPage County ETSB Radio Project Steering Committee**

Regular Meeting

September 17, 2009 at 2:00 P.M.

Location: Westmont Police Department

2<sup>nd</sup> Flr training room,

500 N. Cass Avenue, Westmont, IL

### **Minutes**

Attendance:

Radio Steering Committee

Present:

Ron Searl

Chris Clark

Dane Cuny

Mark Field

Dave Fieldman

Bill Hayden

Steve Herron

Mike Hughes

Scott Raffensparger

Chairman – Village of Westmont

Glen Ellyn Volunteer Fire Company

Lombard Police Department

Wheaton Police Department

Village of Downers Grove

Addison Police Department

Woodridge Police Department

Elmhurst Public Works

Glen Ellyn Volunteer Fire Company

Guests

Brad Bloom

Linda Zerwin

John Lozar

Tom Hamernik

Pat Hughes

Greg Perchatsch

Don Backys

Jerry Chapman

Keith Krestan

Suzette Quintell

Brian Tegtmeyer

Dean Myles

Jenny Bostick

Randy King

Ray Snisko

Ray Hill

Heather Lippe

Jennifer Rizzo

Jeffrey Olsen

Jeanine Chiappano

Jeff Weber

Thomas Mulhearn

ETSB and Hinsdale Police Department

ETSB

Project Manager for ETSB

Hanson Professional Services

Motorola

Motorola

Engineering Consultant

DuCOMM

Lisle-Woodridge

DuPage Mayors & Managers Conference

ETSB and DuCOMM

Itasca Police Department

DuPage Sheriff's Office

Westmont Police Department

College of DuPage Police Department

Chicago Communications

Downers Grove Police Department

Downers Grove Police Department

Westmont Police Department

Woodridge Police Department

Oak Brook Police Department

Westmont Police Department

1. Call to Order / Introductions The meeting was called to order at 2:03 pm by Chairman Searl.
2. Minutes – August 20, 2009 Minutes – Chairman Searl as for a motion to accept the August 20, 2009, minutes as amended to reflect Glen Ellyn Volunteer Fire Company instead of Glen Ellyn Fire Protection District and amend Raffensparger second e to an a. Motion made by Member Cuny, seconded by Member Fieldman. Chairman Searl called for a vote, all members present voted in favor via voice.
3. Chairman's Comments: Chairman Searl stated he went somewhat out of order and would like to defer to Chief Bloom for an update from ETSB regarding the whole project.

Chief Bloom: You know as ETSB was working with Motorola finalizing some costs on the last phase of the project, Motorola came to us with some opportunities that may be available to us using existing Motorola networks on our system; that would be a big change for us, because we have a private system now. This is an opportunity to use an existing system. The difference is that it will result in significant savings for ETSB and in maintenance costs for municipalities going forward after ETSB ends its support of the system four years out after. Motorola told us they would need some time to fully investigate this to see if it's a viable option. Hopefully we'll hear back from them with some significant answer, that this is a viable option. What we'd like to do is kind of sit back on this project and let's see if the alternative is a viable option and if it is a viable option, we would certainly like the input from the steering committee. And have the steering committee fully vet this out to see if it is a viable option before the ETSB proceeds on that. It's a real opportunity for us with a significant cost savings. It's not going to delay the implementation of our current project. We think, if this is something that is a viable option, it could actually move up the implementation date significantly. So, we're excited about this option. We don't see this as, at this point, as much different than the system we put together other than it's not going to be a private system or our system. It doesn't mean that we are going to switch on what we contracted with or what we decide to pursue, we want to fully investigate this option first before we proceed with the current plan, what currently have in place. I can't really give you any more details that because Motorola is still working out the engineering to see if this is something that is feasible and will meet our needs and we hope to have something back soon. We are excited about this possibility especially because we are not pushing the clock back on an interoperable system and because of cost savings for ETSB and for municipalities.

Chairman Searl: I think given the length of time this project as taken, it started I don't know exactly the date it started I think it was a couple of years ago.

Bloom: 2006

Chairman Searl: 2006, obviously things have financially for all of us and I think is even more important today to make sure we explore all option that are available. I think is a good effort on the part of ETSB to try to make sure we get the best system we can, that is going to work well with all people that are participating in it. We kind of wanted to start off with these comments because obviously it kind of impacts some of the other things we have on the agenda. I don't know if we might want to stop here at this point and see if we have any other specific questions for Chief Bloom before we talk about the other items on the agenda. Does anybody have specific questions or comments?

Member Cuny: I just have a question. Is this something that would piggy off the Starcom system and perhaps use some of the sites that we have or is that too premature in the concept?

Chief Bloom: The answer is we are still working on that. We don't know exactly what it's going to entail or how many sites, we are looking at coverage maps and looking at see if existing networks that are out there and perhaps piggy back on some sites that are already in and some of those sites and utilize those sites. The biggest things for us as users here in running an interoperable communication system and we know one of the biggest barriers to that interoperability participation for the municipalities is the ongoing maintenance costs. So if can dramatically reduce that maintenance costs, going forward after ETSB stops supporting the system, we think that's a significant issue for us. And if we only have half the communities in the County, we really don't have interoperability, if we're not all on the system, so I think it's important to the system, vitally important, critical to the system that we have everybody participate in this and I know the costs and the maintenance costs especially is a stumbling block for a lot of municipalities.

Member Herron: Does this mean that we hold back on what we've been doing with 700 MHz or this is continue to go forward to with the 700 MHz and this would be a marriage with another system and a 700 MHz system.

Chief Bloom: What we are looking is just kind of holding off on what our plans are now and seeing if this is a viable option. We don't know what that means beyond that. It's a short delay in this and I don't think that, if we decide to go forward on the current project, it's going to delay the implementation; we are still on track and try to get to that date, but I think it's incumbent upon on ETSB to fully explore the system as it is and a viable solutions toward interoperability.

Member Clark: Will this effect in any way the agreements that we need to make with users?

Bloom: What we are hoping for is the cost will be less, and as ETSB we're still going to plan on budgeting on the same level we promised funding it, but biggest changes in a reduction in maintenance costs which I think most village managers want to establish that we can afford for the system.

Chairman Searl: Anything else? Okay let's move on to the reports.

4. Receive and Place on File:

- a. Hanson Professional Services Monthly Report – Tom Hamernik see attached report.
- b. Motorola Monthly Report - Greg Perchatsch see attached report. In addition to his report, Mr. Perchatsch stated that until the tower sites are confirmed, it does not make sense to work on the DDR because it time a tower site is changed, the coverage maps and detail documents must be changed.
- c. Project Manager Monthly Report - John Lozar see attached report.

Member Clark asked for clarification on the Wheaton Tower. Mr. Lozar stated that he had not had a chance to review the documents regarding this site. Ms. Bostick stated that there is another tower utilized by OEM adjacent to the Wheaton Tower site that might be an option.

Chairman Searl asked for a motion to receive and place on file the project managers' reports. Motion made by Member Field, second by Member Hayden.

5. Subcommittee Reports

- a. Fire Subcommittee – No Report
- b. Communication –No Report
- c. Governance - No report

6. Detailed Design Document Chairman Searl restated that the DDR is on hold and will be revisited at a future meeting. He then went on to state that he and Mr. Fieldman coming at the project from a non-technical angle and the limitation from a non-technical organize the agenda a little differently to make it a little more understandable. It was it goal to work towards that for the next meeting. Searl asked that he and Mr. Fieldman meet with Ms. Zerwin to discuss these changes.

7. Old Business

Appointment of committee members – Ms. Zerwin stated that ETSB Chairman O'Shea asked that those steering committee members that have not been appointed in the last year, provide an email from their respective agencies or associations regarding their participation and then the ETS board will affirm those appointments. At the next October steering committee Chairman Searl can appoint the sub-committees.

8. New Business

9. Next Meeting – October 15, 2009 @ 2:00 pm

Bloomington Fire Protection District 179 S. Bloomington Road Bloomington, IL 60108

10. Adjournment

Motion made by Member Fieldman, seconded by Member Hayden to adjourn. Chairman Searl adjourned the meeting at 2:25 pm.

# 9-1-1

## EMERGENCY TELEPHONE SYSTEM BOARD

Enhanced 9-1-1 Emergency Service for DuPage County  
421 N. County Farm Road Wheaton, Illinois 60187  
Tel: 630-550-7743 Fax: 630-955-1130

### BOARD MEMBERS:

**Patrick J. O'Shea**  
Chairman  
DuPage County Board  
Representative

**Chief Bradley Bloom**  
Vice Chairman  
Hinsdale Police Department  
DuPage Police Chiefs  
Association Representative

**Mrs. Gwen Henry**  
DuPage County Treasurer  
Ex-Officio

**Mr. Gary King**  
DuPage County Clerk  
Ex-Officio

**George DeTella**  
DuPage County Health  
Department  
OEM Representative

**Chief James MacArthur**  
Itasca Fire Protection District  
DuPage Fire Chiefs  
Association Representative

**Chief James Mendrick**  
DuPage County Sheriffs  
Representative

**Mr. James Rasins [ret.]**  
Public Representative

**Mr. Brian Tegtmeyer, ENP**  
DuPage Public Safety  
DuCOMM Representative

**Mr. David Williams**  
DuPage Mayors and Managers  
Conference Representative

**Linda M. Zerwin**  
9-1-1 Coordinator

November 16, 2009

Mayor Robert Iden  
President  
DuPage Mayors and Managers Conference  
1220 Oak Brook Road  
Oak Brook, IL 60523

Dear Mayor Iden:

The Executive Board of the DuPage Mayors and Managers Conference has asked for an executive summary on the status of the radio system project.

This project began with the objective of interoperability and as an expansion to the existing DIRS system. As you are aware the initial contract detailed a 12 Db/9 site private radio system. The system as detailed in the DDR, an 18Db/11 site private radio system carried an original price tag of over 50 million dollars. This cost exceeded our budget by more than a factor of two. The foregoing system design is beyond the budget projections for ETSB as a capital and operation expense.

Based on the updated budgetary costs, we asked Motorola if there were any opportunities that may be available to us using existing Motorola networks. Chief Bloom, Linda Zerwin and I have been meeting on a weekly basis with Motorola over the past few months to determine financial options to bring this project to fruition. I hesitated to bring the various Motorola options to the project users when the scope changed weekly and the dollar values diversified greatly. There was a consensus of opinion that we should reach a viable solution that was within our budgetary means prior to bringing it forward to the users and the ETS Board. The good news is that we are very close to a viable solution.

The most recent meeting took place Thursday, November 12, after the regular board meeting. This meeting was very productive. The outcome of that meeting is a proposed design for a 12Db, Motorola owned and maintained radio infrastructure. DuPage ETSB would retain its frequencies; own the consoles, control stations and subscriber units. In addition, there will be fixed costs for maintenance at the time of the ITC signing. We believe that shared costs and resources is the most cost-effective way to provide the best possible radio system for DuPage public safety and interoperability. In addition, this option provides for the best economies of scale based on the projected slow growth of the system. Utilizing a network infrastructure that is scalable in equipment and in cost will result in significant savings for ETSB and in maintenance costs for municipalities going forward if/when ETSB ends its support of the system in four years.

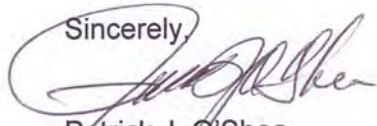
This means that less than full participation by all member/users reduces the value of the system. This creates a delicate balance which ETSB must consider prior to moving forward. There must be a firm and binding commitment from member/users prior to ETSB entering into any additional contracts for capital expenditures. Without that commitment, ETSB could be in a position to expend most of its reserves for a system without users; funds it would need to operate its current 9-1-1 systems in the future.

It is our hope to have a workable option ready for review by the end of November. Once the financial aspects of the project have been vetted, and the ETSB has conceptual approval, the project will be sent to the Radio Steering Committee for their review. We will meet with the Radio Steering Committee Chairman, Ron Searl, prior to the next committee meeting to discuss the change in direction we propose to the system.

With a good radio infrastructure and a known financial picture, I believe that we will also be able to resolve any remaining issues with the ITC intergovernmental agreement.

We had hoped to have a viable financial option from Motorola 45 days ago. Please know that we are working diligently to provide a radio system that meets the needs of the users, provides interoperability and is financially manageable for all involved. While information has not been as forthcoming to you as I would have liked, I delayed releasing incomplete details for your consideration as your time is valuable.

Sincerely,



Patrick J. O'Shea  
Chairman

PJO:LMZ/bw

CC: ETS Board members

DuPage County Fire Chiefs Association  
DuPage Police Chiefs Association



## DUPAGE MAYORS AND MANAGERS CONFERENCE

*an association of municipalities representing over 1,000,000 people*

1220 Oak Brook Road  
Oak Brook, Illinois 60523-2203  
(630) 571-0480  
Fax: (630) 571-0484  
[www.dmmc-cog.org](http://www.dmmc-cog.org)

Founded June 19, 1962

December 8, 2008

### MEMBER MUNICIPALITIES

Addison  
Aurora  
Bartlett  
Bloomington  
Bolingbrook  
Burr Ridge  
Carol Stream  
Clarendon Hills  
Downers Grove  
Elmhurst  
Glen Ellyn  
Glendale Heights  
Hanover Park  
Hinsdale  
Itasca  
Lemont  
Lisle  
Lombard  
Naperville  
Oak Brook  
Oakbrook Terrace  
Roselle  
St. Charles  
Schaumburg  
Villa Park  
Warrenville  
Wayne  
West Chicago  
Westmont  
Wheaton  
Willowbrook  
Winfield  
Wood Dale  
Woodridge

Chairman Patrick O'Shea  
Emergency Telephone System Board  
421 County Farm Road  
Wheaton IL 60187

Re: Interoperable Radio Network Project Update Letter

Chairman O'Shea:

Thank you for your letter of November 16, 2009, regarding the status of the ETSB Radio System Project. Our members appreciate this information update. As you know, the DuPage Mayors and Managers Conference has a longstanding interest in the success of this critical communications project.

Since municipal involvement in this project began in 2006, those involved have recognized that a critical component to the project's success is an adequate level of confidence, commitment, and support from the ultimate users of the system. If fire, police, municipalities, and the sheriff's office are not willing to invest in and implement the system, it would lose its value to the region.

In an effort to promote this collaboration, the Conference hosted a meeting of potential users and ETSB representatives April 15, 2009. This discussion resulted in a consensus to develop an intergovernmental agreement (IGA) through which users of all types would know what they could expect to receive and what investment would be expected of them as the project was implemented. The IGA was to include system design details so that each group of users would know with specificity the service level the system would provide them. At the meeting, and in consultation with County and ETSB representatives, the timeline given to users had the IGA finalized and available for user approval before July 31, 2009. The system was to be operational by the fall of 2010.

As you know, a variety of circumstances delayed that schedule. We recognize that most of the user groups are relying on our office to keep them apprised of developments. We have been in the awkward position of knowing some information regarding changes to the project, but having not enough information which could be shared in order to provide our members and others with a meaningful update.

We are therefore very appreciative of now having the November 16 update from you and we will be forwarding it on to our members, understanding that ETSB staff has forwarded it to other user groups.

While your letter allows us to provide an update to municipalities, we continue to focus on the need to secure and maintain the confidence and commitment of the users. The aforementioned delays, along with a lack of meaningful technical input from user groups due to the dormancy of both the Project Steering Committee and Intergovernmental Agreement Group, have damaged stakeholder support. We feel this damage needs aggressive and meaningful repair by all of us hoping to advance this project, if any form of an Interoperable System is to succeed.

We suggest for your consideration, and offer our assistance in accomplishing, the following:

- A redefinition of the Steering Committee's role and responsibility, as it relates to monitoring the Radio Project Status and providing regular, substantive status reports to stakeholders. Given the current plans for the Interoperable System, this redefinition should focus the Steering Committee less on technical detail and more on broader policy and managerial implications for the stakeholders;
- A detailed outline of the new project scope and how the design and service levels will differ from the original project parameters, along with the expected impacts of these differences on users;
- A revised budget identifying which costs will be borne by the ETSB and which by the user groups;
- Development and communication of a comprehensive, non-technical timeline of the remaining project mile stones, costs associated with each, and responsible parties;
- Regular meaningful and detailed cost reports – so any further changes can be built into the many and varied budget cycles of the municipal stakeholders;
- A status report on the Intergovernmental Agreement and its current and future relevance; and
- Explanation to the Steering Committee of how the Detailed Design Document (DDR) may have changed in its importance and role given the redesign of the radio system project.

Finally, we would like to reiterate our commitment to and belief in the mutual benefits of a successful Interoperable Radio Project. We look forward to continuing our collaboration with the ETSB and to bringing this project to a successful conclusion benefiting DuPage residents.

Sincerely,



Robert Iden  
President, DuPage Mayors and Managers Conference

cc: Mark Baloga, Executive Director, DMMC  
Ron Searl, Chair, ETSB Steering Committee