



# DU PAGE COUNTY

## ETSB - Policy Advisory Committee

### Final Summary

421 N. COUNTY FARM ROAD  
WHEATON, IL 60187  
www.dupagecounty.gov

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**Monday, November 6, 2023**

**8:15 AM**

**Room 3500A**

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**1. CALL TO ORDER**

8:15 AM meeting was called to order by Chair Dina at 8:15 AM.

**2. ROLL CALL**

Attendees:

Director Linda Zerwin, DuPage Emergency Telephone System Board, non-voting Member

Matt Theusch, DuPage Emergency Telephone System Board

Gregg Taormina, DuPage Emergency Telephone System Board

Eve Kraus, DuPage Emergency Telephone System Board

Jason Blumenthal, DuPage County Board Office

Jim Connolly, Village of Addison

Nick Kottmeyer, DuPage County Board Office

Steve Rauter, ETS Board Citizen Representative

Bill Srejma, ACDC

Pat Tanner, West Chicago Fire

Kurt Bluder, Hinsdale Township High School District 86 (Remote)

Rich Cassidy, Glenside Fire (Remote)

Kevin Dempsey, Addison PD (Remote)

Kevin Fleege, Oak Brook Fire (Remote)

Bob Murr, College of DuPage (Remote)

Will Sperling, Citizen (Remote)

John Sullivan, Village of Addison (Remote)

On roll call, Members Dina, Baarman, Johl, Rivas, and Selvik were present, which constituted a quorum.

<b>PRESENT</b>	Dina, Johl, Baarman, Rivas, and Selvik
<b>ABSENT</b>	Hermes

**3. CHAIRMAN'S REMARKS - CHAIR HAYDEN**

Chair Dina welcomed Member Selvik to the PAC.

**4. PUBLIC COMMENT**

There was no public comment.

**5. CONSENT ITEMS**

5.A. [23-3607](#)

ETSB PAC Minutes - Regular Meeting - Monday, October 2, 2023

**Attachments:**     [2023-10-02 ETSB PAC Minutes Summary.pdf](#)

<b>RESULT:</b>	ETSB RECOMMENDED FOR APPROVAL
<b>MOVER:</b>	Pat Johl
<b>SECONDER:</b>	Michael Rivas

5.B.     [23-3608](#)

DEDIRS October Maintainer Report

**Attachments:**     [2310ETSBRadioMaintenanceReport.pdf](#)

<b>RESULT:</b>	ETSB RECEIVED AND PLACED ON FILE
<b>MOVER:</b>	Pat Johl
<b>SECONDER:</b>	Michael Rivas

5.C.     [23-3609](#)

2024 Meeting Calendar - Policy Advisory Committee

**Attachments:**     [PAC 2024 Meeting Schedule.pdf](#)

<b>RESULT:</b>	ETSB RECOMMENDED FOR APPROVAL
<b>MOVER:</b>	Pat Johl
<b>SECONDER:</b>	Roy Selvik

**6.     PARENT COMMITTEE APPROVAL REQUIRED**

6.A.     [ETS-R-0038-23](#)

Resolution to approve Policy 911-005.2: Access to the DuPage Emergency Dispatch Interoperable Radio System (DEDIRS) Recommendation to approve Policy Advisory Committee VOTE (to approve as amended): 6 Ayes, 0 Nays, 0 Absent.

Ms. Zerwin said that since this item was tabled last month, it had to be brought forward as is. She then reviewed the changes to the policy since the last meeting as follows as provided in the draft document showing the redline changes which is attached to these minutes.

Chair Dina confirmed the eight existing InterOps would be maintained and DUCALL would be added as a ninth STARCOM channel, and that the even numbered channels would be encrypted, the odd channels would not.

Member Baarman asked if the encrypted channels would utilize the same key. Member Rivas said he believed the focus was to narrow the number of keys so they would be on

the same key. He asked Member Baarman if there were any issues either way. Member Baarman said if these InterOps are what they were giving outside agencies to talk to DuPage and they are encrypted with the same key, they would potentially be giving encrypted access to all the groups. Member Rivas replied he would have no problem with that.

Member Baarman then asked if the InterOps would be earmarked for first use by PSAP. There was a short discussion as to how the InterOps are assigned today and whether the assignments would be part of this policy or operational. The consensus was that the assignments of InterOps talkgroups is operational and would not be part of the policy. Generally, InterOps 1 through 4 would be utilized by DU-COMM with two talkgroups being clear and two talkgroups encrypted and InterOps 5 through 8 would be utilized by ACDC with two talkgroups being clear and two talkgroups encrypted.

Chair Dina asked for a motion to amend Policy 911-005.2. Member Rivas made a motion to amend the policy as discussed, seconded by Member Selvik. On voice vote, the motion to amend the policy carried.

**Attachments:** [911-005.2 Access to the DuPage Emergency Dispatch Interoperable Radio System 12.13.23 draft.pdf](#)  
[911-005.2 DEDIRS Application and Confidentiality Agreement 12.13.23 draft.pdf](#)

<b>RESULT:</b>	AMENDED
<b>MOVER:</b>	Michael Rivas
<b>SECONDER:</b>	Roy Selvik

6.B. [ETS-R-0057-23](#)

Resolution approving Change Order #3 to Motorola Solutions, Inc. PO 921054/5522-1 for Group Messaging Services on the APX numbered series portable and mobile radios. (Change Order not to exceed amount \$150,905.60; New contract total: \$37,354,782.23)

Chair Dina opened the item for discussion. Ms. Zerwin said the PAC would be making a recommendation to the ETS Board on this item.

Member Baarman said this service would not include the APXNext radios and asked if it covered the other radio models remaining in the system. Chair Dina clarified it would cover the mobiles in the system as well as some of the portable models such as the APX8000, APX6000, and APX4000s. Member Baarman asked if this took into consideration the APX4000s in the field. Ms. Zerwin asked, which 4000s? Member Baarman said there are agency owned APX4000s. Ms. Zerwin replied that all the radios in the fleet were counted and it would be an agency decision on whether they wanted to add the service. Member Baarman said so they may be treated like the Sheriff and have a cost and Ms. Zerwin confirmed. Ms. Zerwin said the Sheriff's Office is discussing this option internally and will advise their decision. They already have a system set up internally for administration and jail radios. A short discussion ensued regarding the radios in the system to be covered by this service. Member Baarman also asked if this would only cover alias updates, not any other service that would be available, Chair Dina

confirmed.

**Attachments:**     [Motorola 921054 Change Order 3.pdf](#)  
                              [Motorola 921054 Requisition.pdf](#)  
                              [Motorola 921054 Decision Memo.pdf](#)  
                              [QUOTE-2378059-1 DuPage ETSB Group Services Flashkits 10 26 2023.pdf](#)  
                              [QUOTE-2394597-1 DuPage Sheriff Group Services Flashkits 10 26 2023.pdf](#)

<b>RESULT:</b>	ETSB RECOMMENDED FOR APPROVAL
<b>MOVER:</b>	Pat Johl
<b>SECONDER:</b>	Michael Rivas

## 7. DEDIRS PORTABLE AND MOBILE REPLACEMENT

### 7.A. Police

Member Rivas had nothing to bring forward for discussion.

### 7.B. Fire

Chair Dina said Fire Focus had discussed Group Messaging which was just approved for recommendation. He said they were in discussions with the NFPA Committee and said they would have more information at the next meeting. He said they have a Fire Focus meeting that morning and would discuss this further.

Member Baarman asked if they had submitted the TIA and asked for any preliminary information. Chair Dina said they submitted the TIA and the PAC Memo (approved by the ETS Board) along with several videos to demonstrate to the task group and subcommittee the challenges associated with the standard. He said many of the members of the NFPA task group are on the NFPA subcommittee and that it looks favorable. Member Baarman asked if there was a date for their decisions, and whether the subcommittee could table the items. Chair Dina agreed and said they are meeting with Motorola and would ask Motorola to work on the changes based on the pending NFPA approval.

## 8. POLICY 911-005.8: ACCESSORY APPROVAL REQUEST - HOLSTER

Member Rivas said they reviewed the holster and the concern is if an altercation takes place and the radio falls out. He said the holster allows for the option of wearing the radio on the vest as well as the belt. Member Selvik made an adjustment to the strap on the holster to move the loop from the channel knob to the antenna. Member Rivas said taking a second look today, he would have no problem with the product. Ms. Zerwin said that Motorola would not certify a product unless it goes through their product group. She said the vendor would have to reach out to Motorola. Ms. Zerwin said the holster is not Motorola certified. The policy is vague regarding the holster because they are on the agency. She said the insurance deductible on the radios is \$5,000 and if the renewal is approved by the ETS Board on Wednesday, the deductible would drop to \$2,500. She said, the question is if PAC does not want to inhibit the holster, if they approve the holster, the deductible if an altercation happens, would be on ETSB. If the PAC does not approve the holster, the agency would sign off on the modification forms and would be

liable for any damages including the deductible. Member Selvik asked if Motorola had a Molle solution of their own. Ms. Zerwin said not yet, but ETSB inquired. A short discussion ensued. Member Johl asked if the radios are falling out today, using the Motorola product as it was supplied, if ETSB was liable. Ms. Zerwin said Motorola would be as it is their product; they would be liable to replace it. Member Rivas said the ETS Board could vote no, that they would not want to incur the liability. Ms. Zerwin said she believed the policy gave the PAC the authority to make that decision. The policy was brought onscreen for the wording of whether ETSB or PAC had the authority to approve accessories. Section V of the policy states "...the ETS Board authorizes the PAC to make changes/additions/deletions to Appendices (which includes the accessories list) without having to bring such changes to the ETS Board." Member Rivas said there would need to be outreach to the agency if not approved. Ms. Zerwin said the agency would need the policy forms so ETSB staff would reach out. Member Baarman asked if there was a timeframe from Motorola for a new holster. Ms. Zerwin said no, but that she had reached out to the manufacturer of this model holster so they could discuss it with Motorola. A motion was made by Member Selvik, seconded by Member Johl to add the holster to the accessory list within the policy appendices. On voice vote, all Members voted "Nay", motion failed.

<b>RESULT:</b>	DEFEATED
<b>MOVER:</b>	Roy Selvik
<b>SECONDER:</b>	Pat Johl

## 9. OLD BUSINESS

There was no old business.

## 10. NEW BUSINESS

There was no new business.

## 11. ADJOURNMENT

### 11.A. Next Meeting: Monday, December 4 at 8:15am in Room 3-500A

Member Johl made a motion to adjourn the meeting at 8:41am, seconded by Member Rivas. On voice vote, motion carried.

Respectfully submitted,

Eve Kraus

### 24-0026

Amendments to Policy 911-005.2: Access to the DuPage Emergency Dispatch Interoperable Radio System

**Attachments:** [911-005.2 Access to the DuPage Emergency Dispatch Interoperable Radio System redline 11.1.23.pdf](#)



## ETSB PAC Other Action Item

421 N. COUNTY FARM  
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**File #: 23-3607**

**Agenda Date: 11/6/2023**

**Agenda #: 5.A.**

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# DU PAGE COUNTY

## ETSB - Policy Advisory Committee

### Draft Summary

421 N. COUNTY FARM ROAD  
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**Monday, October 2, 2023**

**8:15 AM**

**Room 3500A**

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**1. CALL TO ORDER**

8:15 AM meeting was called to order by Chairman Hayden at 8:15 AM.

**2. ROLL CALL**

Attendees:

Director Linda Zerwin, DuPage Emergency Telephone System Board, non-voting Member

Matt Theusch, DuPage Emergency Telephone System Board

Gregg Taormina, DuPage Emergency Telephone System Board

Eve Kraus, DuPage Emergency Telephone System Board

Mark Winistorfer, State's Attorney's Office

Andy Saucedo, Motorola System Manager

Jason Blumenthal, DuPage County Board Office

Scott Bukovic, Westmont PD

Chris Clark, Glen Ellyn Fire

Sheryl Markay, DuPage County Board Office

Steve Rauter, ETS Board Citizen Representative

Roy Selvik, Addison PD

Bill Srejma, ACDC

Pat Tanner, West Chicago Fire

Matt Beyer, Bloomingdale Fire (Remote)

Pat Brenn, Tri-State Fire (Remote)

Kevin Dempsey, Addison PD (Remote)

Jim Connolly, Village of Addison (Remote)

Jim McGreal, Downers Grove PD (Remote)

Bob Murr, College of DuPage (Remote)

Jason Norton, Darien PD (Remote)

On roll call, Members Hayden, Baarman, Dina, Johl, and Rivas were present, which constituted a quorum.

<b>PRESENT</b>	Hayden, Dina, Baarman, Johl, and Rivas
<b>EXCUSED</b>	Hermes

**3. CHAIRMAN'S REMARKS - CHAIR HAYDEN**

There were no remarks from Chairman Hayden.

**4. PUBLIC COMMENT**

There was no public comment.

## 5. CONSENT ITEMS

### 5.A. [23-3156](#)

ETSB PAC Minutes - Regular Meeting - Monday, September 11, 2023

**Attachments:** [2023-09-11 ETSB PAC Minutes Summary.pdf](#)

<b>RESULT:</b>	ETSB RECEIVED AND PLACED ON FILE
<b>MOVER:</b>	Pat Johl
<b>SECONDER:</b>	Michael Rivas

### 5.B. [23-3157](#)

DEDIRS September Maintainer Report

**Attachments:** [2309ETSBRadioMaintenanceReport.pdf](#)

<b>RESULT:</b>	ACCEPTED AND PLACED ON FILE
<b>MOVER:</b>	Pat Johl
<b>SECONDER:</b>	Michael Rivas

## 6. PARENT COMMITTEE APPROVAL REQUIRED

### 6.A. [ETS-R-0038-23](#)

Resolution to Amend Policy 911-005.2: Access to the DuPage Emergency Dispatch Interoperable Radio System (DEDIRS).

Member Rivas made a motion to approve, seconded by Member Johl. Chairman Hayden opened the item for discussion.

Member Rivas said the focus group is waiting on outreach to Naperville PD, who were having a meeting that same morning to see if they would like to add channels from their police and fire side to the DEDIR System. Member Rivas said there was an outreach to Aurora and is awaiting a response. He recommended that once the policy is approved in its entirety, as an example try Metra, who touches 18 DuPage communities, first as he believed they would be the most impactful agency to add to the system. Chairman Hayden inquired into the border communities, especially to the east. Member Rivas said they would want to continue communications with the communities such as Hillside, Westchester, Berkley, etc. towns DuPage interacts with on a regular basis, but to build the template for the new system and application process, he thought that Metra would be the most logical to use.

Member Baarman asked if an appendix or list of all agencies DuPage has an agreement with and the list of talkgroups to maintain should be added to the police. Ms. Zerwin said there is a list, and asked if he was looking for access requested or access granted. Member Baarman suggested a table of both, something simple as a resource. A short discussion ensued regarding how a list would be maintained as an appendix without having to bring the policy back to the PAC each time an addition was made, the



mechanics of updating a code plug, the current 14-day notification within the policy, and whether they may want to add to the application that the PAC would like a reciprocal agreement when a request from an outside agency is made. Member Rivas said the point of the policy is interoperability and the more bureaucracy they create is an impediment to moving forward. He preferred to simplify the process, that the current application is sufficient and that it would be incumbent upon the collar agencies to reach out independently to their neighboring agencies for how to interact with them on a daily basis.

Member Baarman noted that Interop talkgroups 1-7 were listed in the policy along with DUCALL but that they were adding an eighth, so Interops 1-8 as well as DUCALL. Member Baarman also said that DU-COMM is not staffed to monitor DUCALL and recommended the wording be revised from "will be monitored" to "can be monitored". Member Rivas replied, if that is the language DU-COMM needs, he had no problem with it. He asked Chairman Hayden if ACDC needed that change, as well. Chairman Hayden replied that they would be monitoring the channel. Member Baarman said from a policy standpoint, DU-COMM policies are sent through their Chiefs' Operations and approved through that membership so saying they will do something in an ETSB policy is out of the norm for DU-COMM. He said that adjusting the wording to read "can" allows them to address the procedure in their policy.

Ms. Zerwin asked about the yellow highlighted portion of the policy and where it stood with the Police Focus Group. Member Baarman said he believed it had been left at, four of the Interops would be encrypted, four would not. Member Rivas concurred but added that the wording was not yet ready.

Member Rivas made a motion to table this item to the next meeting on November 6, seconded by Member Johl. On voice vote, the motion to table carried.

**Attachments:**     [911-005.2 Access to the DuPage Emergency Dispatch Interoperable Radio System clean draft.pdf](#)  
[911-005.2 DEDIRS Application and Confidentiality Agreement clean draft 8.9.23.pdf](#)

<b>RESULT:</b>	TABLED
<b>MOVER:</b>	Michael Rivas
<b>SECONDER:</b>	Pat Johl

## 7. DEDIRS PORTABLE AND MOBILE REPLACEMENT

### 7.A. Police

Member Rivas had nothing to bring forward for discussion.

### 7.B. Fire

Vice Chair Dina said he would like to break the discussion down to mobiles and portables. He

started with the mobiles saying that with the absence of an encryption plan and some of the (NFPA related) programming issues, he would recommend programming the mobiles with the third touch templates, to be updated at the later date, and deployed to the fire agencies now. Ms. Zerwin reported it was being worked on, and that Mr. Sullivan and Mr. Saucedo had been working on a viable solution to the wi-fi connection to make the next touch go faster.

Vice Chair Dina said, in terms of the portables, the Fire Focus Group had compiled a list of issues with the NFPA 1802 compliant radios and the way they are programmed. The list was provided to Motorola and Vice Chair Dina reported that Motorola had agreed to address every issue with the exception of the batteries. He said Motorola was looking for more data regarding the batteries. Vice Chair Dina reviewed the hazard zone issue and their recommendation to install a button that would turn the hazard zone off. He said a letter had also been written for the NFPA Committee regarding the issues and that Motorola would make the adjustments under a temporary interim amendment, under Mr. Connolly's recommendation as a past member of the NFPA Committee. Vice Chair Dina said the timeline is vague but that the NFPA Committee meets in November. Vice Chair Dina inquired as to whether Motorola might lend the Fire Focus Group some Motorola APXNext XE radios for testing purposes. Ms. Zerwin said she would ask them. Member Baarman asked if they might consider the APX8000XEs. Vice Chair Dina said they could, but that technology was 4-5 years old. He said the APXNext XEs are newer technology and more like the APXNexts the police are using, which they (Fire) were happy initially testing with, but that ultimately they would like the NFPA radios. Ms. Zerwin added that there are APX8000XE radios in the current system that would have replaced any broken APX7000XE. Member Johl reported he has APX8000XEs that his agency has had multiple problems with issues with in less than a year of them being in service that are now sitting as backups because they are unreliable. Vice Chair Dina said the NFPA radios were the radios of choice from the beginning and the recommendation to the ETS Board but they have to be usable and safe before being handed to their end users. He said if there is an instance where that cannot happen, then perhaps they should look at the APXNext XEs as an option now.

## **8. OLD BUSINESS**

There was no old business.

## **9. NEW BUSINESS**

### **9.A. Encryption: Discussion on whether to invite CISA to attend the meeting to discuss encryption**

Member Rivas said he believed they needed more information before a decision could be made. He said they know what the group is about but DuPage has safeguards in place and how prevalent have they been in other systems, he would like more information.

Member Baarman said their agency creates documents, they have a two pager of everything you need to consider when going to encryption, they have resources on what you should do with the keyloaders and how to share keys, not to use wi-fi with OTAR.... He asked what is it the PAC is looking for from them, are they here to help Andy (Saucedo) do it, or to hand out the documents they have available online, what is their purpose.

Chairman Hayden called on Mr. Rauter to speak from the audience. Mr. Rauter said it was a recommendation he had made to assist DuPage County at no cost from CISA to bring in Dave Dato from the Lafayette Group, a sub-contractor for CISA, whose job it is to assist large counties in the deployment of encryption. Mr. Rauter said both Mr. Dato and he were involved in the Statewide Encryption Oversight Committee for the State Interoperability Executive Committee (SIEC). Mr. Rauter thought the PAC would get free advice, that Mr. Dato would be a good resource as he had done this multiple times throughout the nation to help with not only the base encryption plan but also the human and procedural aspects that encryption requires to do it the right way. Mr. Rauter said Mr. Dato has had to unwind things at states and counties that became expensive to unwind. Mr. Rauter said Mr. Dato would not come to just read documents but that they could ask questions, have him look at the plan, he believed the PAC would need to develop specific policies regarding procedures and security. Mr. Rauter reviewed the four key management facilities (KMF) and said the radios being shipped out of Motorola are all coming out of the same ID and that they are teaching Motorola by way of CISA input to "do it the right way" so the radios don't smack into each other on the STARCOM network. He believed it was worth one person running around to 3,500 radios with one KVL and a worthy discussion for DuPage to get their own KMF or partner with one around us. He believed it to be a discussion to be had with eyes wide open, that Mr. Dato is the guy to ask questions to, and said he thought they (PAC) was turning down a good opportunity to help them, not to stop them.

Member Baarman said knowing the person is local, he thought it was a great opportunity, and asked who would they identify as the project manager of the radio project.

Member Rivas said to Mr. Rauter, you might have misread us, we did not turn it down, we asked for more information. Mr. Rauter asked what information they would like. Member Rivas said, you said we were turning it down, we did not turn anything down. Mr. Rauter said if you turn it down, you would be missing an opportunity if you turn it down and apologized if he misstated. Mr. Rauter said if they need more information above what he provided they would be happy to give the PAC as much information as they would like as to what the meeting might look like, etc.

Chairman Hayden asked if it was a single meeting, presentation style, or question and answer. Mr. Rauter said because of his involvement with the SIEC and State SWIC, there are already agreements in place that if DuPage County wants help, the first hit is free. If it starts to add up in cost, Matt Miller of the State SWIC has agreed to get a technical advisory state grant from CISA to aid with whatever is needed, for free. A short discussion ensued on what the meeting might look like and what is involved with encryption and the implementation of OTAR.

Member Rivas asked Mr. Saucedo, the Motorola System Manager working with DuPage County, what his experience had been with working with CISA. Mr. Saucedo said many of Mr. Rauter's points were valid, that to get to the point of interoperability as smoothly as possible, and including the KMF options, would be a discussion worth having. He summarized by saying that moving from the level of discussion of wanting encrypted talkgroups to the level of safe encryption and process, making full use of OTAR, to zeroing out for sending radios to the depot, and how is it managed from the core, there are many aspects to be considered.

Mr. Rauter said, and no offense to Motorola, but we are teaching Motorola how to implement the

tools. Mr. Saucedo replied he would not say teaching as much as saying you need to own it. Mr. Saucedo said he comes from the federal side and it is a matter of saying here are your tools, how do you want to use them. Mr. Rauter said, forgive me, but the vendor will do whatever these people tell you to do and he is saying they need to have eyes wide open knowledge to tell you what to do. Mr. Saucedo concurred.

Chairman Hayden asked Mr. Saucedo if he recommended a meeting and Mr. Saucedo replied affirmatively adding that if more information is needed from the Motorola side, that could happen, as well.

Member Rivas said he then believed the recommendation be a presentation at a future meeting by CISA, or a date to set an agenda based on the potential length of the meeting. Ms. Zerwin asked at PAC or at Police Focus. The consensus was the PAC so both sides could attend. Ms. Zerwin asked Chairman Hayden if he would like her to reach out to schedule. Chairman Hayden replied affirmatively. Mr. Rauter said if Ms. Zerwin needs any assistance he could get her the contact information. Ms. Zerwin said she has Dave (Dato's) information, thanks. A short discussion ensued regarding scheduling and room availability.

## **10. ADJOURNMENT**

### **10.A. Next Meeting: Monday, November 6 at 8:15am in Room 3-500A**

Member Johl made a motion to adjourn the meeting at 8:49am, seconded by Member Rivas. On voice vote, motion carried.

Respectfully submitted,

Eve Kraus



## ETSB Other Action Item

421 N. COUNTY FARM  
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**File #: 23-3608**

**Agenda Date: 11/6/2023**

**Agenda #: 5.B.**

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## DU-COMM

DuPage Public Safety Communications  
420 N. County Farm Road  
Wheaton, IL 60187

Matthew Baarman  
Deputy Director  
Support Services  
mbaarman@ducomm.org  
630.260.7514 Direct

# Memorandum

**TO:** Linda Zerwin, ETSB Executive Director  
**DATE:** Wednesday, November 1, 2023  
**FROM:** Matthew Baarman, Deputy Director  
**RE:** DEDIRS Maintenance Status Report – October

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### Starcom System Outages:

#### Unplanned Work:

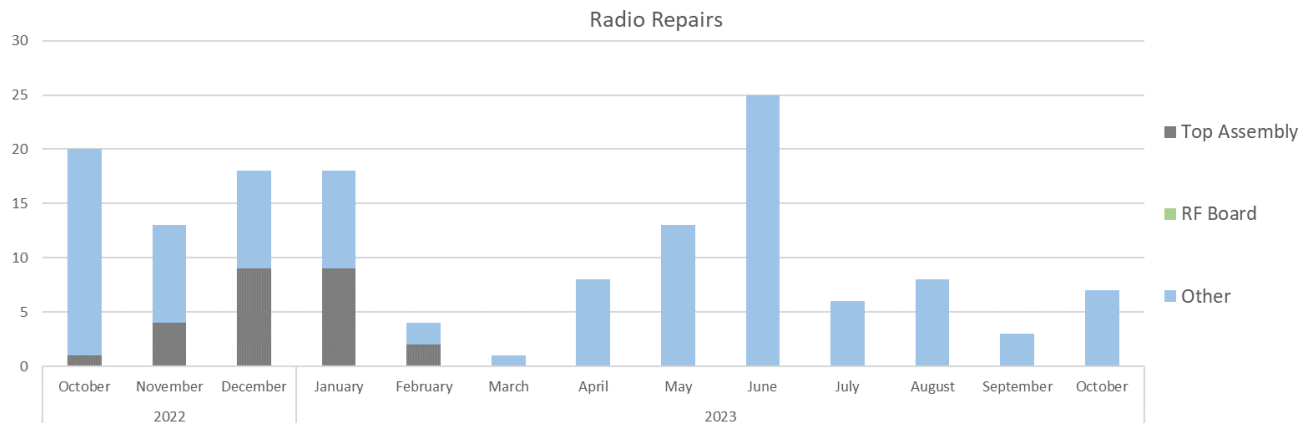
- 10/30/2023 – Fiber cut near Wheaton Tower at 10:56am, repairs completed at 03:45am on 10/31/2023.

#### Planned Work:

- 10/12/2023 – Two (2) short site trunking events to apply monthly security patches.
- 10/09/2023 – West Chicago yearly RF site maintenance completed.
- 10/05/2023 – Wheaton yearly RF site maintenance completed.
- 10/04/2023 – Streamwood yearly RF site maintenance completed.
- 10/03/2023 – 127<sup>th</sup> Street yearly RF site maintenance completed.

### Radio Repairs:

Repairs for the last 13 months follow:



A few highlights include:

- 12 fire batteries replaced.
- 10 RSMs replaced.
- 7 APX7000XE swapped for refurbished APX7000XE.
- 3 aliases updated.

### October Issues:

- Number of New Tickets = 10
- Number of Closed Tickets = 14
- Number of Open Tickets = 5

**Talkgroup Usage:**

The twenty (20) busiest DuPage talkgroups on the DEDIRS STARCOM21 site from October 1, 2023, thru October 31, 2023, follows (all time in seconds):

<b>Talkgroup Alias</b>	<b>Total Group Time</b>	<b>Group Count</b>	<b>Longest Call Time</b>	<b>Group Busy Count</b>	<b>Longest Busy Time</b>	<b>Count of Rejects</b>
DU ACDC 2	271,694	80,934	33	0	0	1,305
DU 3EAST	249,505	75,940	48	0	0	2,190
DU ACDC 3	240,589	70,987	43	0	0	922
DU 1EAST	231,520	67,155	44	0	0	1,669
DU DPSO F1	208,017	58,899	35	0	0	929
DU 3WEST	191,858	59,332	44	0	0	1,096
DU 1WEST	186,843	56,300	60	0	0	951
DU 1SOUTH	184,127	55,433	39	0	0	775
DU 3SOUTH	183,810	56,144	37	0	0	1,043
DU 1NORTH	163,498	50,978	37	0	0	685
DU 7SOUTH	151,197	46,615	36	0	0	684
DU 7WEST	134,706	39,386	35	0	0	392
DU FIRE NORTH	134,421	26,852	30	0	0	275
DU FIRE EAST	108,497	20,257	30	0	0	278
DU DPSO JAIL	104,177	34,495	19	0	0	2,048
DU ACDC 1	103,101	29,968	34	0	0	462
DU FIRE SOUTH	101,156	20,797	30	0	0	318
DU DPSO COURT	81,689	24,555	37	0	0	1,804
DU FDACDC1	79,891	13,279	30	0	0	147
DU FDACDC2	75,506	14,955	30	0	0	155



## ETSB PAC Other Action Item

421 N. COUNTY FARM  
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[www.dupagecounty.gov](http://www.dupagecounty.gov)

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**File #: 23-3609**

**Agenda Date: 11/6/2023**

**Agenda #: 5.C.**

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# Emergency Telephone System Board of DuPage County Policy Advisory Committee (PAC) 2024 Meeting Schedule



DATE	TIME	LOCATION
January 8, 2024	8:15 am	DuPage County Administration Bldg, Room 3-500A
February 5, 2024	8:15 am	DuPage County Administration Bldg, Room 3-500A
March 4, 2024	8:15 am	DuPage County Administration Bldg, Room 3-500A
April 1, 2024	8:15 am	DuPage County Administration Bldg, Room 3-500A
May 6, 2024	8:15 am	DuPage County Administration Bldg, Room 3-500A
June 3, 2024	8:15 am	DuPage County Administration Bldg, Room 3-500A
July 1, 2024	8:15 am	DuPage County Administration Bldg, Room 3-500A
August 5, 2024	8:15 am	DuPage County Administration Bldg, Room 3-500A
September 9, 2024	8:15 am	DuPage County Administration Bldg, Room 3-500A
October 7, 2024	8:15 am	DuPage County Administration Bldg, Room 3-500A
November 4, 2024	8:15 am	DuPage County Administration Bldg, Room 3-500A
December 2, 2024	8:15 am	DuPage County Administration Bldg, Room 3-500A



## ETSB PAC Resolution

421 N. COUNTY FARM  
ROAD  
WHEATON, IL 60187  
www.dupagecounty.gov

**File #:** ETS-R-0038-23

**Agenda Date:** 12/13/2023

**Agenda #:** 7.E.1.

### RESOLUTION TO APPROVE POLICY 911-005.2: ACCESS TO THE DU PAGE EMERGENCY DISPATCH INTEROPERABLE RADIO SYSTEM (DEDIRS)

WHEREAS, the DuPage County Emergency Telephone System Board ("DU PAGE ETSB") is an emergency telephone system board, established pursuant to Section 15.4 of the Local Government Emergency Telephone System Act, 50 ILCS 750/15.4 ("Act"); and

WHEREAS, the DU PAGE ETSB is authorized and empowered, pursuant to Section 15.4 (b) of the Act to plan, implement, upgrade, and maintain an Emergency 9-1-1 System; and

WHEREAS, the DU PAGE ETSB shall develop policies in order to plan, implement, upgrade, and maintain the DuPage ETSB 9-1-1 System; and

WHEREAS, the purpose of this resolution is to approve the language of Policy 911-005.2: Access to the DuPage Emergency Dispatch Interoperable Radio System (DEDIRS), initially adopted by the DU PAGE ETSB on April 9, 2018; and

WHEREAS, Policy 911-005.2: Access to the DuPage Emergency Dispatch Interoperable Radio System (DEDIRS) has been reviewed by the DU PAGE ETSB Policy Advisory Committee ("PAC") as Section 5.2.1; and

WHEREAS, the Board members of DU PAGE ETSB have reviewed Policy 911-005.2: Access to the DuPage Emergency Dispatch Interoperable Radio System (DEDIRS) which allows for access to DEDIRS talk groups as detailed in Attachment A of this resolution.

NOW, THEREFORE BE IT RESOLVED, that the DU PAGE ETSB Policy 911-005.2: Access to the DuPage Emergency Dispatch Interoperable Radio System (DEDIRS), be, and it is hereby amended and adopted.

Enacted and approved this 13th day of December, 2023 at Wheaton, Illinois.

\_\_\_\_\_  
GREG SCHWARZE, CHAIRMAN

Attest: \_\_\_\_\_

JEAN KACZMAREK, COUNTY CLERK

# Emergency Telephone System Board Of DuPage County Policy and Procedures



Policy #: 911-005.2

Previous Policy(s): 8.0.2, 8.0.3, 8.0.4, 8.0.5

Effective Date: May 7, 2013

Revised: December 13, 2023

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## Access to the DuPage Emergency Dispatch Interoperable Radio System (DEDIRS)

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### Purpose:

The purpose of this policy is to ensure compliance with State of Illinois STARCOM21 and DEDIRS requirements for use and access of DEDIRS talk groups for the purpose of interoperability for emergency communications.

### Additional Authority:

50 ILCS 750 Emergency Telephone System Act

OEX-003B-89 Amending Section 40-20 of the DuPage County Code Pertaining to the Emergency Telephone System Board

### Goal:

It is the goal of the Emergency Telephone System Board of DuPage County (DuPage ETSB) to provide one seamless method of interoperable communication for use by agencies on DEDIRS or for non-member agencies.

### Scope:

This policy shall apply to all Public Safety Answering Points (PSAPs) in the DuPage ETSB 9-1-1 System, including all Telecommunicators and other employees of the PSAP, user agencies or DuPage ETSB staff, contracted vendors or other authorized agents, DEDIRS users and agencies receiving approval to access DEDIRS talk groups.

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## I. Policy Statement

DuPage ETSB leases a portion of the Motorola Solutions, Inc. STARCOM21 network in Illinois as an integrated component of its emergency dispatch telephone system. The system permits communication between telecommunicators and the first responding personnel they dispatch in response to calls placed to 9-1-1. The system also permits personnel from public safety agencies throughout the County to communicate with each other during emergency joint response situations.

### InterOp Talk Groups

DEDIR System will maintain nine (9) multi-use talk groups for the purpose of interoperability with outside agencies who meet the access requirements, herein referred to as "InterOp Talk Groups". The first eight InterOp talk groups will be labeled InterOp 1 through 8 for operational use. The ninth talk group will be labeled DUCALL. This talk group will be monitored by the PSAPs for radio traffic from adjacent agencies requesting access to DEDIR System. Outside agencies will also be provided 10-digit dial telephone numbers for the PSAPs as a secondary form of communication. DUCALL will also be used as a point-to-point channel between DEDIR System and non-DEDIR System PSAPs.

# Emergency Telephone System Board Of DuPage County Policy and Procedures



The InterOp Talk Groups will be patched by PSAP Telecommunicators during an event in which interoperability is required. Once the event is completed, the patch will be disabled by the PSAP Telecommunicator.

Any agency that has been granted access to main channel talk groups in applications prior to the most recent reprogramming of subscriber units shall be asked to reprogram their subscriber units to the InterOp Talk Groups at their next reprogramming or within a year of notice, whichever occurs first. If an agency is unable to meet this request, they should seek an extension from the PAC in writing, no later than ninety (90) days prior to the year deadline. Notice shall be in the form of a certified letter to the agency head. Notification shall not be given until a satisfactory test period has been completed.

## II. Application Procedure

Any agency that determines it has a need to communicate with an existing DEDIRS member for public safety purposes may apply to DuPage ETSB for use of InterOp Talk Groups 1-8. DUCALL will be a "hailing talk group" that can be monitored by ACDC and DU-COMM for requests for interoperability.

InterOp talk groups 2, 4, 6, and 8 will be AES encrypted and InterOp talk Groups 1, 3, 5, and 7 will be clear for the purposes of interoperability with requesting agencies that do not have AES encryption.

### Special Use:

DuPage ETSB will consider applications for specific operational talk groups on a case-by-case basis for adjacent agencies that are non-DEDIRS Members that have daily operational assignments with DEDIRS users (mutual aid, auto aide, task force assignments etc.).

Existing Non-Member users who wish to have access to a main talk group for purposes of communication may continue to have access to that talk group unless that permission is revoked by the ETSB when access to the InterOp Talk Groups established or access to the main talk groups is proven unnecessary for daily operational needs.

### Applicant Responsibilities

Application: The applicant must make application to the ETSB and supply the following documents with the application:

1. A completed DuPage ETSB DEDIRS Access Application, including the confidentiality agreement;
2. A brief cover letter/email explaining the need for interoperability. If requesting additional talk groups, provide an explanation as to the need and type of anticipated use (daily, mutual aid, auto aid, task force etc.) and any other pertinent information including which DEDIRS members the requestor will mostly likely communicate;
3. A sponsoring letter from a DEDIR System agency;
4. A completed and executed DuPage Emergency Dispatch Interoperable Radio System Access Talk Group Agreement;
5. Proof of STARCOM21 Membership;

# Emergency Telephone System Board Of DuPage County Policy and Procedures



6. The ETSB and DEDIR System sponsoring agency will ensure that the applicant has access to DEDIRS rules and policies and completes relevant DEDIRS training.

The Applicant understands and accepts that any fees or cost incurred will be the responsibility of the Applicant.

The Applicant will agree to provide access to STARCOM21 talk groups to DEDIRS members which they currently have direct access for the purpose of interoperability for mutual aid and emergency communications and according to their own policies. Such access will be reviewed by the PAC for use and distribution.

The rights of the Applicant and the ability to utilize the DEDIRS system will rest with the Applicant and DuPage ETSB and is neither transferable nor can it be expanded upon without a written modification request to the Policy Advisory Committee (PAC).

The Applicant will have authority to program only the approved talk groups on its own subscriber units. The Applicant may not program any other DEDIRS member subscriber units owned by DuPage ETSB. The Applicant may not program any other STARCOM21 user subscriber unit with DEDIRS talk groups unless a contractual arrangement is in place between the Applicant and the third party and the third party has DuPage ETSB permission to use certain talk groups.

The Applicant will train their agency members on any ETSB policies pertinent to access of use of DEDIR System.

**Application Modification:** If an Applicant acquires additional subscriber units and desires interoperability for the new units, the Applicant must request authorization to expand the number of subscriber units utilizing the InterOp Talk Groups beyond its initial application. An approved application is not blanket permission for any Applicant which may expand its own fleet in the future. If additional subscriber units are added without prior approval, DuPage ETSB has the right to disable the unit.

An application modification must be submitted to PAC. The PAC shall have the authority to allow additional units without bringing the modification to the ETS Board so long as the additions do not impact DEDIRS functionality. The Applicant should submit a Form A and check modification.

Each Applicant will be responsible for those fees incurred on its behalf. All subscriber fees charged by Motorola for an Applicant's radio maintenance or operations are the responsibility of the Applicant. The PAC, DuPage ETSB or any of its member agencies are not responsible for any equipment or losses directly or indirectly associated with this system or agreement.

## DuPage ETSB Responsibilities

Before an Applicant is approved for use of any DEDIRS talk groups, all member police and fire agencies shall be notified with a fourteen (14) day notification window. The process of notification will be outlined below.

# Emergency Telephone System Board Of DuPage County Policy and Procedures



Only subscriber units and accessories which the ETSB has previously authorized for such use on the DEDIRS may be utilized on the system. Those subscriber units or accessories or information may be obtained from the ETSB or from an ETSB authorized radio vendor.

The ETSB or its authorized vendor shall provide the hexadecimal ID and program all subscriber units which operate on the DEDIRS. The public safety agency shall supply the serial number, radio identification number, and STARCOM21 identifier to the ETSB prior to the radio becoming operational on DEDIR System.

DuPage ETSB and/or Motorola may disable a subscriber unit or units at any time with or without notice to the requesting agency. DuPage ETSB may disable any subscriber unit or units which adversely impact the performance of the DEDIRS or suspend or revoke the agreement with the Applicant if, in DuPage ETSB's opinion, the Applicant's continued usage on DEDIRS adversely impacts the system or safety of the public safety personnel.

Application Process: The application shall be processed as follows:

- The application, cover letter explaining the request, DEDIR System sponsor letter, and proof of STARCOM21 membership shall be submitted to DuPage ETSB [ETSB911@dupageco.org](mailto:ETSB911@dupageco.org).
- DuPage ETSB shall review the application with the ETSB-approved radio vendor to assess the type of equipment the Applicant proposes to use with DEDIRS, its load potential on the system and other technical items associated with the application, including the code plug development. The approved vendor will provide a recommendation whether to approve or deny the application based solely on operational issues. If the vendor believes that the application should be denied, the vendor shall provide a brief written explanation for PAC and ETS Board consideration.
- DuPage ETSB staff will provide copies of the application to the PSAP Directors. The date that the application is distributed to the PSAPs will start the fourteen (14) day notification window for member review.
- The PSAP Directors will advise their member agencies of the application request. This can be accomplished through their own internal operational process for disseminating information to their agencies (email, committee meetings etc.). PSAPs are encouraged to bring this information through internal committees to promote discussion and consensus.
- The PSAP Directors will advise DuPage ETSB staff via email if there are no objections or of any objections to the application or recommendations within fourteen (14) days of receipt of the application. The objection must be filed in writing by return receipt email to [ETSB911@dupageco.org](mailto:ETSB911@dupageco.org) within the allotted fourteen (14) calendar days. A nonresponse shall be deemed an affirmation of the application.
- DuPage ETSB staff shall prepare the application paperwork for the next PAC and ETS Board agendas.

The PAC shall review any application for access. During that review process the PAC shall:

- Ensure that all associated paperwork is complete;
- Shall hear a report from DuPage ETSB staff and maintainer on the status of the fourteen (14) day notification, approvals/objections/recommendations from members and vendor



# Emergency Telephone System Board Of DuPage County Policy and Procedures



- recommendations for the application;
- Shall discuss the application and vote to make a recommendation to the ETS Board to either approve or deny the application and forward the application and recommendation to the ETS Board for its next regular meeting.

In the event the PAC denies the application, the application and brief written explanation by the PAC Chairman, or his designee, shall be forwarded to the ETS Board for their information and discussion. In the event the PAC cannot reach a consensus vote, that fact shall be reported to the ETS Board in writing for their information and discussion.

### III. Implementation

The Applicant will be notified of the DuPage ETSB decision. If approved, the Applicant may then proceed to program its subscriber units with Access Talk Groups and access to other talk groups, as specified by the ETSB.

Executive Director Zerwin is authorized to make amendments to the Access Application and Confidentiality Agreement so long as the amendments do not alter the substance of the attached Agreement.

Policy adopted: \_\_\_\_\_

\_\_\_\_\_  
Greg Schwarze, Chairman



## DuPage ETSB DEDIRS Access Application

AGENCY INFORMATION	
<b>Type of Application:</b>	<input type="checkbox"/> New <input type="checkbox"/> Modification
<b>NAME OF AGENCY:</b>	
<b>POINT OF CONTACT:</b>	
<b>BUSINESS ADDRESS</b>	
<b>EMAIL ADDRESS:</b>	
<b>BUSINESS TELEPHONE:</b>	
<b>MOBILE TELEPHONE:</b>	

APPLICATION INFORMATION		
Please complete the following information	YES	NO
The Applicant is a unit of local government		
If no, explain: (use a separate sheet if necessary)		
The Applicant is requesting access to DEDIRS for certified sworn police personnel or certified fire service personnel or community service officers.		
The Applicant is requesting monitoring capabilities only		
The Applicant is a member of STARCOM21		
The Applicant understands and accepts that any fees or cost incurred for programming will be the responsibility of the Applicant.		

Applicant Equipment Information	
The total number of portable radios (portable and mobile) covered under this request is:	
The total number of radios which will be affiliated during any daily operational shift is:	
Do the portable radios have encryption: <input type="checkbox"/> No <input type="checkbox"/> AES encryption	
Type of radios to be programmed with a DEDIRS talk group:	
The Applicant is requesting use of: <input type="checkbox"/> InterOp Groups 1-8, <input type="checkbox"/> Any additional talk groups. List on a separate sheet include an explanation as to the need (ie: daily mutual aid etc. )	

### Committee/ETS Board Review Process Checklist:

Applicant has submitted proper paperwork	<input type="checkbox"/> Yes <input type="checkbox"/> No
Vendor Technical Review of Application Complete	
14 Day Notice to Members via PSAPs is complete	<input type="checkbox"/> Yes <input type="checkbox"/> No
Posted on Committee Agenda Date: _____	<input type="checkbox"/> Yes <input type="checkbox"/> No
Vote of Committee: Ayes _____ Opposed _____ Abstain _____ Absent _____	Approved
Action or Direction Based on Vote: [ie TOT ETSB, request additional information, denied]	<input type="checkbox"/> Yes <input type="checkbox"/> No
Posted on ETSB Agenda Date: _____	<input type="checkbox"/> Yes <input type="checkbox"/> No
Vote of ETSB Board: Ayes _____ Opposed _____ Abstain _____ Absent _____ Resolution No: _____	Approved
	<input type="checkbox"/> Yes <input type="checkbox"/> No





## DuPage ETSB DEDIRS Access Application

DUPAGE ETSB  
CONFIDENTIALITY AGREEMENT FOR USE ON  
DU PAGE EMERGENCY DISPATCH INTEROPERABLE RADIO SYSTEM (DEDIR SYSTEM)  
ON STARCOM 21

As the authorized agent of this agency, I certify that any members of the applicant agency have been:

1. Understand the confidentiality of information that they may learn or have access to over encrypted talk groups of the DEDIR System which is of personal, safety-sensitive or otherwise confidential in nature. Such information includes, but is not limited to incident report information, NCIC/LEADS information, Computer Aided Dispatch/RMS information, and other law enforcement or police related information.
2. Trained that the restrictions of the Confidentiality Agreement regarding disclosure and use of information gained using the DEDIR System shall continue to apply after termination of this relationship with the DEDIR System.
3. Understand that they are prohibited from using any of this information for personal use or benefit or for any other non-Police/public safety business related purposes.
4. Understand that the failure to comply with the confidentiality requirement set forth in this Confidentiality Agreement is actionable, up to and including termination of access to encrypted talk groups.

I have read and understand the access agreement and attest that the members of this agency have been trained and understand they must comply with it in every respect. A list of employees who are party to this agreement is attached to this application.

Dated this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed Full Name

\_\_\_\_\_  
Agency



## ETSB PAC Resolution

421 N. COUNTY FARM  
ROAD  
WHEATON, IL 60187  
www.dupagecounty.gov

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**File #:** ETS-R-0057-23

**Agenda Date:** 11/8/2023

**Agenda #:** 7.D.3.

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RESOLUTION APPROVING CHANGE ORDER #3 TO MOTOROLA SOLUTIONS, INC. PO 921054/5522-1 FOR GROUP MESSAGING SERVICES ON THE APX NUMBERED SERIES RADIOS (CHANGE ORDER AMOUNT \$150,905.60; NEW CONTRACT TOTAL \$37,354,782.23)

WHEREAS, the DuPage County Emergency Telephone System Board ("DU PAGE ETSB") is an emergency telephone system board, established pursuant to Section 15.4 of the Local Government Emergency Telephone System Act, 50 ILCS 750/15.4 ("Act"); and

WHEREAS, the DU PAGE ETSB is authorized and empowered, pursuant to Section 15.4 (b) of the Act to plan, implement, upgrade, and maintain an Emergency 9-1-1 System; and

WHEREAS, the DU PAGE ETSB is authorized by law and local ordinance to make disbursements from the 9-1-1 surcharge funds it receives pursuant to law for costs related to products and services necessary for the implementation, upgrade and maintenance of the emergency telephone system; and

WHEREAS, an agreement has been negotiated in accordance with the DU PAGE ETSB by ordinance; and

WHEREAS, the 9-1-1 System Coordinator recommends DU PAGE ETS Board approval of Change Order #3 to Purchase Order 921054/5522-1 for Group Messaging services to update alias lists in the APX numbered series portable and mobile radios. The total amount of the change order is not to exceed \$150,905.60, and new contract amount of \$37,354,782.23.

NOW, THEREFORE BE IT RESOLVED, that DU PAGE ETSB Change Order #3 to Purchase Order 921054/5522-1 dated October 26, 2023, covering said, Group Messaging Services, be, and is hereby approved by the DU PAGE ETSB to Motorola Solutions, Inc., 500 W. Monroe Street, 44th Floor, Chicago, IL 60661, for a contract total amount not to exceed \$150,905.60 and new contract amount of \$37,354,782.23.

Enacted and approved this 8th day of November, 2023 at Wheaton, Illinois.

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GREG SCHWARZE, CHAIRMAN

Attest: \_\_\_\_\_

JEAN KACZMAREK, COUNTY CLERK



# Request for Change Order

## Procurement Services Division

Attach copies of all prior Change Orders

Date: Oct 26, 2023

MinuteTraq (IQM2) ID #: \_\_\_\_\_

<b>Purchase Order #:</b> 921054/5522-1	<b>Original Purchase Order Date:</b> Nov 10, 2021	<b>Change Order #:</b> 3	<b>Department:</b> ETSB
<b>Vendor Name:</b> Motorola Solutions, Inc.		<b>Vendor #:</b> 10115	<b>Dept Contact:</b> Eve Kraus
<b>Background and/or Reason for Change Order Request:</b>	Recommendation for approval of Change Order #3 to Motorola Solutions, Inc. PO 921054/5522-1 for Group Services to update alias lists in the APX numbered series portable and mobile radios. This is a not to exceed amount of \$150,905.60, for a new contract total of \$37,354,782.23.		
<b>IN ACCORDANCE WITH 720 ILCS 5/33E-9</b>			

☒ (A) Were not reasonably foreseeable at the time the contract was signed.

☒ (B) The change is germane to the original contract as signed.

☒ (C) Is in the best interest for the County of DuPage and authorized by law.

INCREASE/DECREASE		
A	Starting contract value	\$34,725,857.91
B	Net \$ change for previous Change Orders	\$2,478,018.72
C	Current contract amount (A + B)	\$37,203,876.63
D	Amount of this Change Order <input checked="" type="checkbox"/> Increase <input type="checkbox"/> Decrease	\$150,905.60
E	New contract amount (C + D)	\$37,354,782.23
F	Percent of current contract value this Change Order represents (D / C)	0.41%
G	Cumulative percent of all Change Orders (B+D/A); (60% maximum on construction contracts)	7.57%

### DECISION MEMO NOT REQUIRED

- ☐ Cancel entire order ☐ Close Contract ☐ Contract Extension (29 days) ☐ Consent Only
- ☐ Change budget code from: \_\_\_\_\_ to: \_\_\_\_\_
- ☐ Increase/Decrease quantity from: \_\_\_\_\_ to: \_\_\_\_\_
- ☐ Price shows: \_\_\_\_\_ should be: \_\_\_\_\_
- ☐ Decrease remaining encumbrance and close contract ☐ Increase encumbrance and close contract ☐ Decrease encumbrance ☐ Increase encumbrance

### DECISION MEMO REQUIRED

- ☐ Increase (greater than 29 days) contract expiration from: \_\_\_\_\_ to: \_\_\_\_\_
- ☒ Increase  $\geq$  \$2,500.00, or  $\geq$  10%, of current contract amount ☒ Funding Source 4000-5820-53806
- ☐ OTHER - explain below:

ek	630-550-7743	Oct 26, 2023	LMZ	630-878-2509	Oct 26, 2023
Prepared By (Initials)	Phone Ext	Date	Recommended for Approval (Initials)	Phone Ext	Date
<b>REVIEWED BY (Initials Only)</b>					
Buyer		Date	Procurement Officer		Date
Chief Financial Officer (Decision Memos Over \$25,000)		Date	Chairman's Office (Decision Memos Over \$25,000)		Date



# Purchase Requisition

## Procurement Services Division

Date: Oct 26, 2023

MinuteTraq (IQM2) ID #:

Department Req #: 921054/5522-1

RFP, Bid or Quote #:

Send Purchase Order To:				Send Invoices To:					
Vendor: Motorola Solutions, Inc.		Vendor #: 10115		Dept: DuPage ETSB		Division:			
Attn: Chris Chisnell		Email: chris.chisnell@motorolasolutions.com		Attn: 9-1-1 Coordinator		Email: etsb911@dupageco.org			
Address: 2000 Progress Parkway				Address: 421 N. County Farm Road		Room:			
City: Schaumburg		State: IL Zip: 60196		City: Wheaton		State: IL Zip: 60187			
Phone: 847-489-9379		Fax:		Phone: 630-550-7743		Fax:			
Send Payments To:				Ship To:					
Vendor: Motorola Solutions, Inc.		Vendor #: 10115		Dept: DuPage ETSB		Division:			
Attn:		Email:		Attn:		Email:			
Address: 13108 Collections Center Drive				Address: 421 N. County Farm Road		Room:			
City: Chicago		State: IL Zip: 60693		City: Wheaton		State: IL Zip: 6018			
Phone:		Fax:		Phone:		Fax:			
Payment Terms		F.O.B.		PO 20 Delivery Date		Requisitioner			
PER 50 ILCS 505/1		Destination							
Use for PO25 only		Contract Administrator		Contract Start Date		Contract End Date		Use for PO25 only	
		Eve Kraus		Nov 10, 2021		Dec 31, 2028			

LN	Qty	UOM	Item Detail (Product #)	Description	FY	Dept #	Acctg Unit	Acct #	Sub-Accts and/or Activity #	Unit Price	Extension
1	661	EA		Group Services APX8500 Flashport	23 24	4000	5820	53806		138.70	91,680.70
2	2	EA		Group Services APX6000 Flashport	23 24	4000	5820	53806		138.70	277.40
3	5	EA		Group Services APX6500 Flashport	23 24	4000	5820	53806		138.70	693.50
4	23	EA		Group Services APX8000 Flashport	23 24	4000	5820	53806		138.70	3,190.10
5	149	EA		Group Services APX4000 Flashport	23 24	4000	5820	53806		138.70	20,666.30
6	248	EA		Group Services APX4000 Flashport - DuPage Sheriff's Office	23 24	4000	5820	53806		138.70	34,397.60

Requisition Total \$ 150,905.60

**Header Comments** (these comments will appear on the PO20 and PO25 Purchase Order) :

Per Quotes 2378059 Flashkits (ETSB) and 2394597 Flashkits (DSO).

**Special Instructions/Comments to Buyer or Approver** (these comments will NOT appear on the Purchase Order) :

Please return PO to ETSB to send to the vendor.

**User Department Internal Notes** (these comments will NOT appear on the Purchase Order) :



## Decision Memo

### Procurement Services Division

This form is required for all Professional Service Contracts over \$25,000 and as otherwise required by the Procurement Review Checklist.

Date: Oct 26, 2023

MinuteTraq (IQM2) ID #:

Department Requisition #: 921054/5522-1

Requesting Department: ETSB	Department Contact: Eve Kraus
Contact Email: etsb911@dupageco.org	Contact Phone: 630-550-7743
Vendor Name: Motorola Solutions, Inc.	Vendor #: 10115

**Action Requested** - Identify the action to be taken and the total cost; for instance, approval of new contract, renew contract, increase contract, etc.

Recommendation for approval of Change Order #3 to Motorola Solutions, Inc. PO 921054/5522-1 for Group Messaging services to update alias lists in the APX numbered series portable and mobile radios. This is a not to exceed amount of \$150,905.60, for a new contract total of \$37,354,782.23.

**Summary Explanation/Background** - Provide an executive summary of the action. Explain why it is necessary and what is to be accomplished.

Group Messaging Services is an enhancement for APX4000, APX6000 and mobile radios in the radio fleet for updating Alias identifiers. This cost will be expanded service to 704 of the 3,764 radios. The other radios do not need this service and can be programmed remotely.

#### Strategic Impact

Quality of Life

Select one of the six strategic imperatives in the County's Strategic Plan this action will most impact and provide a brief explanation.

Group Services delivers data to a whole talkgroup. This is a quick and efficient way to disseminate data to many radios at once. This feature can be added to more easily manage aliases in mobiles and numbered series portable radio models (ie APX4000) by eliminating the need to perform a wifi update or touching the radios. This feature offers Trunking Alias updates, Trunking Group Messaging and Over the Air Firmware updates.

**Source Selection/Vetting Information** - Describe method used to select source.

This purchase order is made through the IL State Master Contract 24302 - STARCOM21, IL DIT7016660. The ETSB Fire Focus Group has recommended the addition of Group Services to the radios to reduce the steps needed to update the aliases.

**Recommendations/Alternatives** - Describe staff recommendation and provide justification. Identify at least 2 other options to accomplish this request.

1. Approve the purchase order to allow for Group Services.
2. Deny the purchase order and the portable and mobiles numbered series radios will need to be physically touched or connected to WIFI to update alias lists.

**Fiscal Impact/Cost Summary** - Include projected cost for each fiscal year, approved budget amount and account number, source of funds, and any future funding requirements along with any narrative.

This is not a budgeted expense, however, sufficient funds exist in 4000-5820-53828: Contingencies to cover the expense. A budget transfer will be utilized to account 4000-5820-53806: Software Licenses to allow for payment of invoices. If approved, the Sheriff's Office portion of this purchase order, in the amount of \$34,397.60, would be reimbursed to ETSB making it cost neutral.

Billing Address:  
DUPAGE COUNTY ETSB  
421 N COUNTY FARM RD  
WHEATON, IL 60187  
US

Quote Date:10/13/2023  
Expiration Date:01/11/2024  
Quote Created By:  
Chris Chisnell  
Chris.Chisnell@  
motorolasolutions.com

End Customer:  
DUPAGE COUNTY ETSB  
Linda Zerwin  
Linda.Zerwin@dupageco.org  
630-878-2509

Contract: 24302 - STARCOM21, IL  
DIT7016660

Payment Terms: IL Government Prompt Payment Act 50 ILCS 505

Line #	Item Number	Description	Qty	List Price	Sale Price	Ext. Sale Price
	FLASHport Series	APX8500FLASHPORT				
1	T8426A	TDMA	1	\$0.00	\$0.00	\$0.00
1a	GA09008AB	ADD: GROUP SERVICES FLP	195	\$190.00	\$138.70	\$27,046.50
1b	UA00083AA	ADD: SOFTWARE LICENSE ONLINE DELIVERY	1	\$0.00	\$0.00	\$0.00
	FLASHport Series	APX8500FLASHPORT				
2	T8426A	TDMA	1	\$0.00	\$0.00	\$0.00
2a	GA09008AB	ADD: GROUP SERVICES FLP	89	\$190.00	\$138.70	\$12,344.30
2b	UA00083AA	ADD: SOFTWARE LICENSE ONLINE DELIVERY	1	\$0.00	\$0.00	\$0.00
	FLASHport Series	APX8500FLASHPORT				
3	T8426A	TDMA	1	\$0.00	\$0.00	\$0.00
3a	GA09008AB	ADD: GROUP SERVICES FLP	151	\$190.00	\$138.70	\$20,943.70
3b	UA00083AA	ADD: SOFTWARE LICENSE ONLINE DELIVERY	1	\$0.00	\$0.00	\$0.00
	FLASHport Series	APX8500FLASHPORT				
4	T8426A	TDMA	1	\$0.00	\$0.00	\$0.00



Any sales transaction following Motorola's quote is based on and subject to the terms and conditions of the valid and executed written contract between Customer and Motorola (the "Underlying Agreement") that authorizes Customer to purchase equipment and/or services or license software (collectively "Products"). If no Underlying Agreement exists between Motorola and Customer, then Motorola's Standard Terms of Use and Motorola's Standard Terms and Conditions of Sales and Supply shall govern the purchase of the Products.  
Motorola Solutions, Inc.: 500 West Monroe, United States - 60661 ~ #: 36-1115800

Line #	Item Number	Description	Qty	List Price	Sale Price	Ext. Sale Price
4a	GA09008AB	ADD: GROUP SERVICES FLP	109	\$190.00	\$138.70	\$15,118.30
4b	UA00083AA	ADD: SOFTWARE LICENSE ONLINE DELIVERY	1	\$0.00	\$0.00	\$0.00
	FLASHport Series	APX8500FLASHPORT				
5	T8426A	TDMA*	1	\$0.00	\$0.00	\$0.00
5a	GA09008AB	ADD: GROUP SERVICES FLP	31	\$190.00	\$138.70	\$4,299.70
5b	UA00083AA	ADD: SOFTWARE LICENSE ONLINE DELIVERY	1	\$0.00	\$0.00	\$0.00
	FLASHport Series	APX8500FLASHPORT				
6	T8426A	TDMA*	1	\$0.00	\$0.00	\$0.00
6a	GA09008AB	ADD: GROUP SERVICES FLP	22	\$190.00	\$138.70	\$3,051.40
6b	UA00083AA	ADD: SOFTWARE LICENSE ONLINE DELIVERY	1	\$0.00	\$0.00	\$0.00
	FLASHport Series	APX8500FLASHPORT				
7	T8426A	TDMA*	1	\$0.00	\$0.00	\$0.00
7a	GA09008AB	ADD: GROUP SERVICES FLP	27	\$190.00	\$138.70	\$3,744.90
7b	UA00083AA	ADD: SOFTWARE LICENSE ONLINE DELIVERY	1	\$0.00	\$0.00	\$0.00
	FLASHport Series	APX8500FLASHPORT				
8	T8426A	TDMA*	1	\$0.00	\$0.00	\$0.00
8a	GA09008AB	ADD: GROUP SERVICES FLP	37	\$190.00	\$138.70	\$5,131.90
8b	UA00083AA	ADD: SOFTWARE LICENSE ONLINE DELIVERY	1	\$0.00	\$0.00	\$0.00
	FLASHport Series	APX6000FLASHPORT				
9	T7665A	TDMA*	1	\$0.00	\$0.00	\$0.00
9a	UA00083AA	ADD: SOFTWARE LICENSE ONLINE DELIVERY	1	\$0.00	\$0.00	\$0.00
9b	QA09008AB	ADD: GROUP SERVICES FLP	2	\$190.00	\$138.70	\$277.40
	FLASHport Series	APX6500FLASHPORT				
10	T7698A	TDMA*	1	\$0.00	\$0.00	\$0.00
10a	GA09008AB	ADD: GROUP SERVICES FLP	5	\$190.00	\$138.70	\$693.50



Any sales transaction following Motorola's quote is based on and subject to the terms and conditions of the valid and executed written contract between Customer and Motorola (the "Underlying Agreement") that authorizes Customer to purchase equipment and/or services or license software (collectively "Products"). If no Underlying Agreement exists between Motorola and Customer, then Motorola's Standard Terms of Use and Motorola's Standard Terms and Conditions of Sales and Supply shall govern the purchase of the Products.

Motorola Solutions, Inc.: 500 West Monroe, United States - 60661 ~ #: 36-1115800

Line #	Item Number	Description	Qty	List Price	Sale Price	Ext. Sale Price
10b	UA00083AA	ADD: SOFTWARE LICENSE ONLINE DELIVERY	1	\$0.00	\$0.00	\$0.00
	FLASHport Series	APX8000FLASHPORT				
11	T8627A	TDMA*	1	\$0.00	\$0.00	\$0.00
11a	UA00083AA	ADD: SOFTWARE LICENSE ONLINE DELIVERY	1	\$0.00	\$0.00	\$0.00
11b	QA09008AB	ADD: GROUP SERVICES FLP	23	\$190.00	\$138.70	\$3,190.10
	FLASHport Series	APX4000FLASHPORT				
12	T7908A	9600 AND 3600 DIGITAL TRUNKING WITH INTEROP*	1	\$0.00	\$0.00	\$0.00
12a	UA00083AA	ADD: SOFTWARE LICENSE ONLINE DELIVERY	1	\$0.00	\$0.00	\$0.00
12b	QA09008AB	ADD: GROUP SERVICES FLP	149	\$190.00	\$138.70	\$20,666.30
<b>Grand Total</b>				<b>\$116,508.00(USD)</b>		

## Notes:

- Additional information is required for one or more items on the quote for an order.





Billing Address:  
DUPAGE COUNTY SHERIFF  
DEPT  
501 N COUNTY FARM RD  
WHEATON, IL 60187  
US

Quote Date:10/26/2023  
Expiration Date:12/25/2023  
Quote Created By:  
Chris Chisnell  
Sr. Account Mgr  
chris.chisnell@  
motorolasolutions.com  
8474899379

End Customer:  
DUPAGE COUNTY SHERIFF DEPT  
Dan Bilodeau  
Dan.Bilodeau@DuPageSheriff.org  
630-234-9068

Contract: 24302 - STARCOM21, IL  
DIT7016660

Line #	Item Number	Description	Qty	List Price	Sale Price	Ext. Sale Price
	FLASHport Series	APX4000FLASHPORT				
1	T7908A	9600 AND 3600 DIGITAL TRUNKING WITH INTEROP*	1	\$0.00	\$0.00	\$0.00
1a	UA00083AA	ADD: SOFTWARE LICENSE ONLINE DELIVERY	1	\$0.00	\$0.00	\$0.00
1b	QA09008AB	ADD: GROUP SERVICES FLP	248	\$190.00	\$138.70	\$34,397.60
Grand Total				\$34,397.60(USD)		

## Notes:

- Additional information is required for one or more items on the quote for an order.





## Meeting Handout

421 N. COUNTY FARM  
ROAD  
WHEATON, IL 60187  
[www.dupagecounty.gov](http://www.dupagecounty.gov)

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**File #:** 24-0026

**Agenda Date:** 12/4/2023

**Agenda #:**

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# Emergency Telephone System Board Of DuPage County Policy and Procedures



Policy #: 911-005.2

Previous Policy(s): 8.0.2, 8.0.3, 8.0.4, 8.0.5

Effective Date: May 7, 2013

Revised: ~~December~~September 13, 2023

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## Access to the DuPage Emergency Dispatch Interoperable Radio System (DEDIRS)

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### Purpose:

The purpose of this policy is to ensure compliance with State of Illinois STARCOM21 and DEDIRS requirements for use and access of DEDIRS talk groups for the purpose of interoperability for emergency communications.

### Additional Authority:

50 ILCS 750 Emergency Telephone System Act

OEX-003B-89 Amending Section 40-20 of the DuPage County Code Pertaining to the Emergency Telephone System Board

### Goal:

It is the goal of the Emergency Telephone System Board of DuPage County (DuPage ETSB) to provide one seamless method of interoperable communication for use by agencies on DEDIRS or for non-member agencies.

### Scope:

This policy shall apply to all Public Safety Answering Points (PSAPs) in the DuPage ETSB 9-1-1 System, including all Telecommunicators and other employees of the PSAP, user agencies or DuPage ETSB staff, contracted vendors or other authorized agents, DEDIRS users and agencies receiving approval to access DEDIRS talk groups.

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## I. Policy Statement

DuPage ETSB leases a portion of the Motorola Solutions, Inc. STARCOM21 network in Illinois as an integrated component of its emergency dispatch telephone system. The system permits communication between telecommunicators and the first responding personnel they dispatch in response to calls placed to 9-1-1. The system also permits personnel from public safety agencies throughout the County to communicate with each other during emergency joint response situations.

### InterOp Talk groups

DEDIR System will maintain ~~eight-nine~~ (89) multi-use talk groups for the purpose of interoperability with outside agencies who meet the access requirements, herein referred to as "InterOp Talk Groups. The first ~~seven-eight~~ InterOp talk groups will be labeled InterOp 1 through ~~7-8~~ for operational use. The ~~eighth-ninth~~ talk group will be labeled DUCALL. This talk group will be monitored by the PSAPs for radio traffic from adjacent agencies requesting access to DEDIR System. Outside agencies will also be provided 10-digit dial telephone numbers for the PSAPs as a secondary form of communication. DUCALL will also be used as a point-to-point channel between DEDIR System and non-DEDIR System PSAPs.

# Emergency Telephone System Board Of DuPage County Policy and Procedures

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The Interop Talk Groups will be patched by PSAP Telecommunicators during an event in which interoperability is required. Once the event is completed, the patch will be disabled by the PSAP Telecommunicator.

Any agency that has been granted access to main channel talk groups in applications prior to the most recent reprogramming of subscriber units shall be asked to reprogram their subscriber units to the Interop Talk Groups at their next reprogramming or within a year of notice, whichever occurs first. If an agency is unable to meet this request, they should seek an extension from the PAC in writing, no later than ninety (90) days prior to the year deadline. Notice shall be in the form of a certified letter to the agency head. Notification shall not be given until a satisfactory test period has been completed.

## II. Application Procedure

Any agency that determines it has a need to communicate with an existing DEDIRS member for public safety purposes may apply to DuPage ETSB for use of Interop Talk Groups 1-~~87~~. DUCALL will be a "hailing talk group" that ~~can~~will be monitored by ACDC and DU-COMM for requests for interoperability.

Interop talk groups ~~222-2, 4, 6, and 8~~ will be AES encrypted and InterOp talk Groups ~~222-1, 3, 5, and 7~~ will be clear for the purposes of interoperability with requesting agencies that do not have AES encryption.

### Special Use:

DuPage ETSB will consider applications for specific operational talk groups on a case-by-case basis for adjacent agencies that are non-DEDIRS Members that have daily operational assignments with DEDIRS users (mutual aid, auto aide, task force assignments etc.).

Existing Non-Member users who wish to have access to a main talk group for purposes of communication may continue to have access to that talk group unless that permission is revoked by the ETSB when access to the Interop Talk Groups established or access to the main talk groups is proven unnecessary for daily operational needs.

## Applicant Responsibilities

Application: The applicant must make application to the ETSB and supply the following documents with the application:

1. A completed DuPage ETSB DEDIRS Access Application, including the confidentiality agreement;
2. A brief cover letter/email explaining the need for interoperability. If requesting additional talk groups, provide an explanation as to the need and type of anticipated use (daily, mutual aid, auto aid, task force etc.) and any other pertinent information including which DEDIRS members the requestor will mostly likely communicate;
3. A sponsoring letter from a DEDIR System agency;
4. A completed and executed DuPage Emergency Dispatch Interoperable Radio System Access Talk Group Agreement;

# Emergency Telephone System Board Of DuPage County Policy and Procedures

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5. Proof of STARCOM21 Membership.
6. The ETSB and DEDIR System sponsoring agency will ensure that the applicant has access to DEDIRS rules and policies and completes relevant DEDIRS training.

The Applicant understands and accepts that any fees or cost incurred will be the responsibility of the Applicant.

The Applicant will agree to provide access to STARCOM21 talk groups to DEDIRS members which they currently have direct access for the purpose of interoperability for mutual aid and emergency communications and according to their own policies. Such access will be reviewed by the PAC for use and distribution.

The rights of the Applicant and the ability to utilize the DEDIRS system will rest with the Applicant and DuPage ETSB and is neither transferable nor can it be expanded upon without a written modification request to the Policy Advisory Committee (PAC).

The Applicant will have authority to program only the approved talk groups on its own subscriber units. The Applicant may not program any other DEDIRS member subscriber units owned by DuPage ETSB. The Applicant may not program any other STARCOM21 user subscriber unit with DEDIRS talk groups unless a contractual arrangement is in place between the Applicant and the third party and the third party has DuPage ETSB permission to use certain talk groups.

The Applicant will train their agency members on any ETSB policies pertinent to access of use of DEDIR System.

**Application Modification:** If an Applicant acquires additional subscriber units and desires interoperability for the new units, the Applicant must request authorization to expand the number of subscriber units utilizing the Interop Talk Groups beyond its initial application. An approved application is not blanket permission for any Applicant which may expand its own fleet in the future. If additional subscriber units are added without prior approval, DuPage ETSB has the right to disable the unit.

An application modification must be submitted to PAC. The PAC shall have the authority to allow additional units without bringing the modification to the ETS Board so long as the additions do not impact DEDIRS functionality. The Applicant should submit a Form A and check modification.

Each Applicant will be responsible for those fees incurred on its behalf. All subscriber fees charged by Motorola for an Applicant's radio maintenance or operations are the responsibility of the Applicant. The PAC, DuPage ETSB or any of its member agencies are not responsible for any equipment or losses directly or indirectly associated with this system or agreement.

## DuPage ETSB Responsibilities

Before an Applicant is approved for use of any DEDIRS talk groups, all member police and fire agencies shall be notified with a fourteen (14) day notification window. The process of notification will be outlined below.

# Emergency Telephone System Board Of DuPage County Policy and Procedures

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Only subscriber units and accessories which the ETSB has previously authorized for such use on the DEDIRS may be utilized on the system. Those subscriber units or accessories or information may be obtained from the ETSB or from an ETSB authorized radio vendor.

The ETSB or its authorized vendor shall provide the hexadecimal ID and program all subscriber units which operate on the DEDIRS. The public safety agency shall supply the serial number, radio identification number, and STARCOM21 identifier to the ETSB prior to the radio becoming operational on DEDIR System.

DuPage ETSB and/or Motorola may disable a subscriber unit or units at any time with or without notice to the requesting agency. DuPage ETSB may disable any subscriber unit or units which adversely impact the performance of the DEDIRS or suspend or revoke the agreement with the Applicant if, in DuPage ETSB's opinion, the Applicant's continued usage on DEDIRS adversely impacts the system or safety of the public safety personnel.

Application Process: The application shall be processed as follows:

- The application, cover letter explaining the request, DEDIR System sponsor letter, and proof of STARCOM21 membership shall be submitted to DuPage ETSB [ETSB911@dupageco.org](mailto:ETSB911@dupageco.org).
- DuPage ETSB shall review the application with the ETSB-approved radio vendor to assess the type of equipment the Applicant proposes to use with DEDIRS, its load potential on the system and other technical items associated with the application, including the code plug development. The approved vendor will provide a recommendation whether to approve or deny the application based solely on operational issues. If the vendor believes that the application should be denied, the vendor shall provide a brief written explanation for PAC and ETS Board consideration.
- DuPage ETSB staff will provide copies of the application to the PSAP Directors. The date that the application is distributed to the PSAPs will start the fourteen (14) day notification window for member review.
- The PSAP Directors will advise their member agencies of the application request. This can be accomplished through their own internal operational process for disseminating information to their agencies (email, committee meetings etc.). PSAPs are encouraged to bring this information through internal committees to promote discussion and consensus.
- The PSAP Directors will advise DuPage ETSB staff via email if there are no objections or of any objections to the application or recommendations within fourteen (14) days of receipt of the application. The objection must be filed in writing by return receipt email to [ETSB911@dupageco.org](mailto:ETSB911@dupageco.org) within the allotted fourteen (14) calendar days. A nonresponse shall be deemed an affirmation of the application.
- DuPage ETSB staff shall prepare the application paperwork for the next PAC and ETS Board agendas.

The PAC shall review any application for access. During that review process the PAC shall:

- Ensure that all associated paperwork is complete;
- Shall hear a report from DuPage ETSB staff and maintainer on the status of the fourteen (14) day notification, approvals/objections/recommendations from members and vendor

# Emergency Telephone System Board Of DuPage County Policy and Procedures



- recommendations for the application;
- Shall discuss the application and vote to make a recommendation to the ETS Board to either approve or deny the application and forward the application and recommendation to the ETS Board for its next regular meeting.

In the event the PAC denies the application, the application and brief written explanation by the PAC Chairman, or his designee, shall be forwarded to the ETS Board for their information and discussion. In the event the PAC cannot reach a consensus vote, that fact shall be reported to the ETS Board in writing for their information and discussion.

### III. Implementation

The Applicant will be notified of the DuPage ETSB decision. If approved, the Applicant may then proceed to program its subscriber units with Access Talk Groups and access to other talk groups, as specified by the ETSB.

Executive Director Zerwin is authorized to make amendments to the Access Application and Confidentiality Agreement so long as the amendments do not alter the substance of the attached Agreement.

Policy adopted: \_\_\_\_\_

\_\_\_\_\_  
Greg Schwarze, Chairman