

## **DU PAGE COUNTY**

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

# ETSB - Policy Advisory Committee Regular Meeting Agenda

Monday, April 1, 2024

## 8:15 AM

**Room 3500A** 

## Join Zoom Meeting

https://us02web.zoom.us/j/83471065079?pwd=dHNFNXM5dzlhZTVaZldMY2NLaDdidz09

Meeting ID: 834 7106 5079

Passcode: 264942

- 1. CALL TO ORDER
- 2. ROLL CALL
- 3. CHAIRMAN'S REMARKS VICE CHAIR JOHL
- 4. MEMBERS' REMARKS
- 5. PUBLIC COMMENT
- 6. CONSENT ITEMS
  - 6.A. 24-1061
    ETSB PAC Minutes Regular Meeting Monday, March 4, 2024
  - 6.B. <u>24-1062</u>
    DEDIR System March Maintainer Report

## 7. DEDIR SYSTEM PORTABLES AND MOBILES

- 7.A. DEDIR System Talk Group Access
- 7.B. Police
- 7.B.1. Encryption Update
- 7.B.2. HB4339 Update
- 7.C. Fire
- 7.C.1. NFPA Update

## 8. PARENT COMMITTEE APPROVAL REQUIRED

## 8.A. <u>ETS-R-0026-24</u>

Resolution to approve access to the DuPage Emergency Dispatch Interoperable Radio System talk groups pursuant to Policy 911-005.2: Access to the DuPage Emergency Dispatch Interoperable Radio System (DEDIR System), as requested by the Northlake Police Department.

- 9. OLD BUSINESS
- 10. NEW BUSINESS
- 11. ADJOURNMENT
  - 11.A. Next Meeting: Monday, May 6 at 8:15am in Room 3-500A

## ETSB PAC Other Action Item







## **DU PAGE COUNTY**

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

# ETSB - Policy Advisory Committee Draft Summary

Monday, March 4, 2024

8:15 AM

**Room 3500A** 

## 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

Eve Kraus, DuPage Emergency Telephone System Board

Eric Burmeister, ACDC

Nick Kottmeyer, County Board

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

Jim Connolly, Village of Addison (Remote)

Kevin Dempsey, Addison PD (Remote)

Reid Foltyniewicz, Oak Brook PD (Remote)

Jim McGreal, Downers Grove PD (Remote)

Bob Murr, College of DuPage (Remote)

Jason Norton, Darien PD (Remote)

Eugene Samuel, West Chicago PD (Remote)

Bill Srejma, ACDC (Remote)

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

**PRESENT** 

Dina, Johl, Benjamin, Hermes, Rivas, and Selvik

## 3. CHAIRMAN'S REMARKS - CHAIR DINA

Chair Dina said that Mr. Tyler Benjamin is now a voting Member of the PAC.

## 4. MEMBERS' REMARKS

There were no Members' remarks.

## 5. PUBLIC COMMENT

There was no public comment.

## 6. CONSENT ITEMS

#### 6.A. **24-0824**

ETSB PAC Minutes - Regular Meeting - Monday, February 5, 2024

On voice vote, all Members voted "Aye", motion carried.

Attachments: 2024-02-05 ETSB Minutes Summary.pdf

**RESULT:** ETSB RECEIVED AND PLACED ON FILE

**MOVER:** Pat Johl

**SECONDER:** Michael Rivas

## 6.B. **24-0829**

DEDIR System February Maintainer Report

Ms. Zerwin referenced page 12 of the packet in the Motorola System Manager Report that talks about firmware releases. She outlined Mr. Saucedo's recommendation to update the firmware in April when Motorola does a cumulative release, noting there is nothing within the smaller releases that needs to be addressed now. With a project plan and updated training slides in place for the agencies, the April update would be more efficient and less impactful to the system and users.

On voice vote, all Members voted "Aye", motion carried.

Attachments: Motorola System Manager Report 2-28-24.pdf

**RESULT:** ACCEPTED AND PLACED ON FILE

MOVER: Roy Selvik
SECONDER: Pat Johl

## 7. DEDIR SYSTEM PORTABLES AND MOBILES

## 7.A. Police

## 7.A.1. Encryption Update

Member Rivas had nothing to report.

## 7.A.2. HB4339 Update

Chair Dina asked Member Rivas if the police chiefs had discussed this item. Member Rivas replied yes, that they have been watching the item but it does not seem there is action to be taken at this time. Ms. Zerwin said she spoke to the State Police liaison and the County lobbyist and that HB4339 is status quo in Executive Committee as of last week Friday.

#### 7.B. Fire

## 7.B.1. NFPA Update

Chair Dina said the NFPA Committee would be meeting later this afternoon and that Mr. Connolly and Mr. Sullivan will be attending the meeting to discuss the proposed changes as shown in the following Sections:

- 11.2.1.2: The minimum volume of the RF device in the hazard zone mode shall be configurable by the AHJ (Authority Having Jurisdiction), but not more than 53 dB, +0/-6 dB, below the sound pressure level (SPL) as specified in 11.4.2.
- 11.2.2: All RF devices shall have the capability to enable the nonhazard zone mode via programmable switch activation, long press of a button, voice command, or by being programmed to a channel talkgroup or talk path.

The elimination of, excluding any sub-sections, Section 11.2.3: When initially powered on, the RF device shall default to the hazard zone mode.

- 11.12.2.2.3.1: The RF device shall attempt to repeat overridden announcements a minimum of one time.
- 11.12.2.2.3.2: The number of attempts to repeat overridden announcements shall be configurable by the AHJ.
- 11.12.5.1: Channel, talkgroup, talk path voice announcements, and other preprogrammed voice announcements in the hazard zone mode and when transitioning from the hazard zone mode to the nonhazard zone mode shall be at the volume level specified in 11.2.1.2.
- 11.17.2: The following functions shall be tested in self-check:
- (1) RSM connectivity to the RF device
- (2) Loss of antenna connection to the RF device
- (3) Temperature exposure over manufacturer recommended overheat temperature

The elimination of (4) Battery with at least 50 percent of the total capacity available (power-up only)

New Section 11.17.4: On power up the RF device shall by default voice announce the battery level percentage or the battery level range (high, medium, low, critical) consistent with 11.1.4.2.

New Section 11.17.5: The RF device shall support the ability to voice announce the battery level thresholds as defined in 11.1.4.2.

## 8. OLD BUSINESS

Ms. Zerwin reminded Members Benjamin, Johl and Rivas that their PAC appointments expire May 12 and that their respective agencies should be submitting a letter of nomination to renew their appointments on the April ETS Board agenda. Member Benjamin asked to whom the letters should be addressed. Ms. Zerwin said they would be addressed to the Chair and that the ETSB office be copied for administrative purposes.

## 9. **NEW BUSINESS**

Chair Dina asked if the PAC should develop a policy or a plan in place for when the current radios become end of life or end of support and need to be replaced. Discussion ensued on the benefits of working on policy now to plan for the future in order to maintain interoperability and what the policy might look like.

## 10. ADJOURNMENT

## 10.A. Next Meeting: Monday, April 1 at 8:15am in Room 3-500A

Member Rivas made a motion to adjourned the meeting at 8:35am, seconded by Member Johl. On voice vote, motion carried.

Respectfully submitted,

Eve Kraus

## ETSB Other Action Item









**TO:** Linda Zerwin, ETSB Executive Director **FROM:** Andy Saucedo, Motorola System Manager

**DATE:** April 1, 2024

**SUBJECT:** STARCOM21 and DEDIR System Monthly Report

#### **Projects:**

#### **DEDIR System Radio Replacement**

- APXNext Police: Original order deployed with ADP encryption and testing is being conducted on the OHSEM talkgroup. ADP to AES encryption plan pending.
- APXNext New Hire Police: Change order complete and radios received. Open orders to be filled including cache radios and DU-COMM.
- APX8500: Reports of STARCOM21 to VHF radio reception issues. It may be due to vehicle
  antenna placement or radio receiver sensitivity settings. Field test conducted at Westmont
  2/13/24. All findings were provided to Motorola engineering. Last case status update 2/26/24,
  Engineering is still reviewing data and tests.
- APXNext XN Fire: Fire Focus presented XN issues to NFPA for TIA process. Fire radio configuration templates need IGA finalization with outside agency. Motorola Product Group has sent updates to ETSB regarding the repeat notification and firmware release to allow configurable Hazard Zone.
- APXNext XE Fire: Demo radios have been programmed and provided to Fire Focus members for field testing.
- PSAP Reports: Working with PSAPs and Command Central to create reports to replace Genwatch reports.

## **Service Tickets**

Anril

	Year to Date		Past Month						
			Totals		Categories of Tickets				
Category	Opened	Closed	Total	Closed	Part replaced	Alias or Configuration	Sent to Depot	Other	
APX7000	39	37	19	19	7	4	0	0	
APXNext (police)	24	16	6	7	2	4	0	2	
APXNextXN (fire)									
APX8500(mobiles)	14	14	3	3	0	0	0	0	
APX4000	4	4	1	1	1	0	0	0	
Total	81	71	29	30	10	8	0	2	

## **Programming – Projects**

Code Plug Creation:

There were none for the previous month.





## Code Plug updates:

3/25/24 Elmhurst PD APX NEXT Additional NIPAS Zone and channels were added to a single radio. Northwest Central will be providing the associated encryption key needed, CKR1521.

## **Consolidations:**

There were none the previous month.

#### Radio Alignment:

There were none for the previous month.

#### STARCOM21

## Scheduled Maintenance:

## System Patches:

 The Starcom21 team and Motorola RSUS team applied security update patches to the Starcom21 system core in all Zones. The Patching efforts were done by the RSUS team on 3/13 and 3/14. These patches caused an impact to the system in all Zones. would have caused RF Site to enter to site trunking and Dispatch Sites to get Red X's on resources.

Thursday, 3/14/24

8:48 am- Site Trunking Event (~5 Minute Event)

Red X's on Consoles for 5 Minutes as well

2:45 pm - Site Trunking Event (~5 Minute Event)

Red X's on Consoles for 5 Minutes as well

 IL\_STARCOM Monthly Application of Windows Motopatch 2024.02 – Patching 3/15/24 Monthly MOTOPATCH for Windows process was performed on applicable clients in your ASTRO System.

## **Command Central Patches:**

• There were none for the previous month.

## **SmartConnect Patches:**

• [Scheduled Maintenance] SmartConnect (Australia, Canada, United States)

The scheduled maintenance has been completed.

Start: 13/Mar/2024 @ 4:30 AM CDT (GMT -5)

End: 13/Mar/2024 @ 10:30 AM CDT (GMT -5)

• [Scheduled Maintenance] SmartConnect (United States)

The scheduled maintenance has been completed.

Start: 20/Mar/2024 @ 4:30 AM CDT (GMT -5)

End: 20/Mar/2024 @ 10:30 AM CDT (GMT -5)

[ Scheduled Maintenance] SmartConnect (United States)

The scheduled maintenance has been completed.

Start: 21/Mar/2024 @ 4:30 AM CDT (GMT -5)

End: 21/Mar/2024 @ 10:30 AM CDT (GMT -5)





#### Radio Central Patches:

There were none for the previous month.

## **Unscheduled System Outages:**

There were none for the previous month.

## Releases:

As reported last month, APX NEXT Firmware APX NEXT R05.05.00 CPS R32.00.00 was released 2/15/24. It included new products and features. Defect repairs included. Firmware is a maintenance and repair release. A project plan is being developed to push out the update.

APX Portables and Mobiles (APX 4000 and APX 8500) Firmware R32.03.00 CPS R32.00.00 was released 1/17/24. It included new products and features. Defect repairs included. Firmware is a maintenance and repair release. A project plan is being developed to push out the update.

Motorola will do a large scale cumulative release in April. The System Manager recommends pushing out the smaller releases with the large-scale cumulative release once the firmware becomes available for a more efficient process. The System Manager will develop a project plan for the users. This will be the second firmware update since the overall deployment of the APX NEXT radios.

#### **Meetings:**

March PAC meeting 3/4/24

## **Training**

Genesis iVista Genwatch3 Basics Class 3/6/24





February 2024 STARCOM21 GoS Report

Tebruary 2024 STARCOMET 605 Report											
Hour	GoS	Utilization	Erlangs	Excess Erlangs	Days of Data	Total PTTs	Total Talk Time (sec)	Average Talk Time (sec)	Total Busy	Total Busy Time (sec)	Average Busy Time (sec)
0:00:00	0.00	20.56	3.50	6.90	29.00	2448.69	12583.38	5.14	0.00	0.00	0.00
1:00:00	0.00	18.18	3.09	7.31	29.00	2132.14	11126.62	5.22	0.00	0.00	0.00
2:00:00	0.00	15.01	2.55	7.85	29.00	1688.31	9183.66	5.44	0.00	0.00	0.00
3:00:00	0.00	12.71	2.16	8.24	29.00	1372.00	7777.03	5.67	0.00	0.00	0.00
4:00:00	0.00	13.55	2.30	8.10	29.00	1525.66	8289.76	5.43	0.00	0.00	0.00
5:00:00	0.00	13.05	2.22	8.18	29.00	1422.41	7988.79	5.62	0.00	0.00	0.00
6:00:00	0.00	14.52	2.47	7.93	29.00	1681.17	8885.62	5.29	0.00	0.00	0.00
7:00:00	0.00	21.99	3.74	6.66	29.00	2616.21	13458.90	5.14	0.00	0.00	0.00
8:00:00	0.00	27.33	4.65	5.75	29.00	3322.10	16725.72	5.03	0.00	0.00	0.00
9:00:00	0.00	30.72	5.22	5.18	29.00	3768.79	18801.59	4.99	0.00	0.00	0.00
10:00:00	0.00	32.38	5.50	4.90	29.00	3987.45	19817.79	4.97	0.00	0.00	0.00
11:00:00	0.00	29.51	5.02	5.38	29.00	3592.97	18058.17	5.03	0.00	0.00	0.00
12:00:00	0.00	32.14	5.46	4.94	28.00	3910.25	19672.57	5.03	0.00	0.00	0.00
13:00:00	0.00	31.85	5.41	4.99	29.00	3867.14	19491.10	5.04	0.07	2.45	35.50
14:00:00	0.00	31.56	5.37	5.03	29.00	3864.14	19316.28	5.00	0.07	1.38	20.00
15:00:00	0.00	33.70	5.73	4.67	28.00	4111.82	20622.25	5.02	0.00	0.00	0.00
16:00:00	0.00	33.89	5.76	4.64	28.00	4117.25	20742.46	5.04	0.00	0.00	0.00
17:00:00	0.00	31.06	5.28	5.12	28.00	3722.61	19007.00	5.11	0.00	0.00	0.00
18:00:00	0.00	28.91	4.91	5.49	27.00	3514.67	17692.19	5.03	0.00	0.00	0.00
19:00:00	0.00	28.48	4.84	5.56	28.00	3498.36	17431.00	4.98	0.00	0.00	0.00
20:00:00	0.00	28.58	4.86	5.54	28.00	3517.21	17488.39	4.97	0.00	0.00	0.00
21:00:00	0.00	26.78	4.55	5.85	29.00	3319.97	16392.41	4.94	0.00	0.00	0.00
22:00:00	0.00	24.81	4.22	6.18	29.00	3071.24	15184.00	4.94	0.00	0.00	0.00
23:00:00	0.00	23.36	3.97	6.43	29.00	2878.97	14294.72	4.97	0.00	0.00	0.00

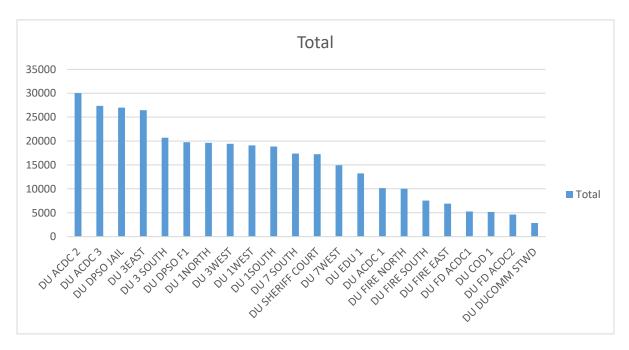
This chart is a portion of the state-wide report pertaining to the site used by DEDIR System. The state-wide report has complete data with the exception of perhaps a day or two during some of the timeframes when the core upgrade was being performed on Zone 1. Zone 2 did have a connection issue from the upgrade, which caused a couple days of outage, which has been resolved as well. In terms of the data for the month of February, there was a total of 14 sites that had higher than average busy rates for the month which is less than the previous month's total. The areas affected are still in the Northwest portion of the state along with the Southern portion of the state. Motorola is still working with the state to resolve these issues. Some of these issues should be resolved here with the work that has been done in the Northwest and one of the sites in the South in the month of March.





**DEDIR System Usage Report:** 

Talk Groups	Push To Talk Counts				
DU ACDC 2	30039				
DU ACDC 3	27359				
DU 3EAST	26444				
DU 1EAST	24838				
DU 3 SOUTH	20701				
DU DPSO JAIL	26973				
DU 3WEST	19439				
DU 1WEST	19085				
DU 1NORTH	19621				
DU DPSO F1	19756				
DU 1SOUTH	18843				
DU 7 SOUTH	17395				
DU 7WEST	14926				
DU SHERIFF COURT	17246				
DU EDU 1	13223				
DU FIRE NORTH	10028				
DU ACDC 1	10158				
DU FIRE SOUTH	7547				
DU FIRE EAST	6907				
DU DUCOMM STWD	2860				
DU FD ACDC1	5272				
DU COD 1	5148				
DU FD ACDC2	4632				
Grand Total	368440				



## **ETSB PAC Resolution**



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

File #: ETS-R-0026-24 **Agenda Date:** 4/1/2024 Agenda #: 8.A.

RESOLUTION TO APPROVE ACCESS TO THE DU PAGE EMERGENCY DISPATCH INTEROPERABLE RADIO SYSTEM TALK GROUPS PURSUANT TO POLICY 911-005.2: ACCESS TO THE DU PAGE EMERGENCY DISPATCH INTEROPERABLE RADIO SYSTEM (DEDIR SYSTEM), AS REQUESTED BY THE NORTHLAKE POLICE DEPARTMENT

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 DuPage Emergency Dispatch Interoperable Radio System ("DEDIR System") was implemented to provide Emergency 9-1-1 radio communication services through STARCOM21 Site 1 for secure and accessible communications for its member users; and

WHEREAS, the Northlake Police Department has requested access to certain talk groups of DEDIR System pursuant to Policy 911-005.2: Access to the DuPage Emergency Dispatch Interoperable Radio System (DEDIR System), and in the spirit of public safety and first responder interoperability; and

WHEREAS, Northlake Police Department's application has been recommended for approval by the DU PAGE ETSB Policy Advisory Committee ("PAC") in accordance with policy; and

WHEREAS, the DU PAGE ETS Board has received and reviewed the application of the Northlake Police Department as detailed in Attachment A of this resolution.

NOW, THEREFORE BE IT RESOLVED, that DuPage ETSB hereby grants access to DEDIRS by the Northlake Police Department according to ETS-R-0013-18, Policy 911-005.2: Access to the DuPage Emergency Dispatch Interoperable Radio System (DEDIR System), by this resolution.

Enacted and approved this 10th day of April, 2024 at Wheaton, Illinois.

GREG SCHWARZE, CHAIR	
st:	Attest:
JEAN KACZMAREK, COUNTY CLERK	1 Heesti



## **DuPage ETSB DEDIRS Access Application**

AGENCY INFORMATION

Type of Application:								
NAME OF AGENCY:	Northiake Police Department							
POINT OF CONTACT:	TACT: Communications Supervisor Liliana Rivera							
BUSINESS ADDRESS								
<b>EMAIL ADDRESS:</b>	Irivera@northlakecity.com							
BUSINESS TELEPHONE:	708-236-4062							
MOBILE TELEPHONE:								
	APPLICATION INFORMATION							
Please complete the follo	owing information	YES	NO					
The Applicant is a unit of	local government	X						
If no, explain: (use a sepa	rate sheet if necessary)							
The Applicant is requestir	The Applicant is requesting access to DEDIRS for certified sworn police personnel or certified fire							
service personnel or com	X							
The Applicant is requestir	X							
The Applicant is a member	Х							
The Applicant understand responsibility of the Appli	Х							
	Applicant Equipment Information							
The total number of portable radios (portable and mobile) covered under this request is:  55								
The total number of radios which will be affiliated during any daily operational shift is:								
Do the portable radios ha								
Type of radios to be prog	rammed with a DEDIRS talk group:  Motorola APX8000							
The Applicant is requestir [X] InterOp Groups 1-8, [X] Any additional talk		daily mutua	l aid etc. )					
	Committee/ETS Board Review Process Checklist:							
Applicant has submitted p	[] Yes [	] No						
Vendor Technical Review								
14 Day Notice to Membe	[ ] Yes [ ] No							
Posted on Committee Agenda Date: [ ] Yes [ ] No								
Vote of Committee: Ayes	Opposed Abstain Absent	Approved						
Action or Direction Based	on Vote: [ie TOT ETSB, request additional information, denied]	[ ] Yes [	] No					
Posted on ETSB Agenda Date: [ ] Yes [								

Absent\_\_\_\_

Abstain\_\_\_

Opposed\_

Vote of ETSB Board: Ayes\_\_\_\_

Approved

[] Yes [] No

**Resolution 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:

- 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	12th	_ day of	March	, 20 <u>24</u>
Signature				
KEN	BERES,	CHIE	of Poli	CE
Printed Full Na	ime			
NORT	HCAKE I	POCICE	DEPARTIN	1ENT
Agency				

## **DuPage ETSB DEDIRS Access Application**

(Additional Talk Group Request)

**Additional Talk Groups:** 

Bensenville Police

**Elmhurst Police** 

We would like access to the additional talk groups, identified above, as these communities share borders with the City of Northlake. This would allow Northlake Police Officers immediate communications with officers of these neighboring communities when emergency situations necessitate communications.



## **CITY OF ELMHURST**

209 N. York ELMHURST, ILLINOIS 60126 (630) 530-3000

(630) 530-3000 www.elmhurst.org SCOTT M. LEVIN
MAYOR
JACKIE HADDAD-TAMER
CITY CLERK
DAN CURRAN
CITY TREASURER
JAMES A. GRABOWSKI
CITY MANAGER

03/15/24

Executive Director Linda Zerwin DuPage ETSB 421 N. County Farm Road Wheaton, IL 60187

Re: Sponsorship Letter for the Northlake Police Department

Executive Director Linda Zerwin:

This correspondence is intended to provide sponsorship support to the Northlake Police Department, as our bordering agency, in their effort to obtain DEDIRS access to the Elmhurst PD frequency, for the purpose of coordinating immediate law enforcement mutual aid response.

In support of their sponsorship to have access to DEDIRS talk groups, I would recommend they be authorized access to our frequency.

If any further assistance or information is needed, please contact me.

Brett Kaczorowski Deputy Chief of Police