



# DU PAGE COUNTY

## ETSB - Policy Advisory Committee

### Regular Meeting Agenda

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

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Monday, May 1, 2023

8:15 AM

Room 3500A

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1. CALL TO ORDER
2. ROLL CALL
3. CHAIRMAN'S REMARKS - CHAIR HAYDEN
4. PUBLIC COMMENT
5. CONSENT ITEMS
  - 5.A. [23-1613](#)  
ETSB PAC Minutes - Regular Meeting - Monday, April 3, 2023
  - 5.B. [23-1614](#)  
DEDIRS April Maintainer Report
6. PARENT COMMITTEE APPROVAL REQUIRED
  - 6.A. [ETS-R-0015-23](#)  
Resolution to amend Policy 911-005.8: DEDIR System Subscriber Unit Requirements.
7. DEDIRS PORTABLE AND MOBILE REPLACEMENT
  - 7.A. Police
  - 7.B. Fire
    - 7.B.1. XN Microphones
  - 7.C. Talk Group Template
8. OLD BUSINESS
9. NEW BUSINESS
10. NEXT MEETING:
  - 10.A. Monday, June 5 at 8:15am in Room 3-500A
11. ADJOURNMENT



## ETSB PAC Other Action Item

421 N. COUNTY FARM  
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**File #:** 23-1613

**Agenda Date:** 5/1/2023

**Agenda #:** 5.A.

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**DU PAGE COUNTY**  
**ETSB - Policy Advisory Committee**  
**Draft Summary**

421 N. COUNTY FARM ROAD  
WHEATON, IL 60187  
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**Monday, April 3, 2023**

**8:15 AM**

**Room 3500A**

**1. CALL TO ORDER**

10:00 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
- Matthew Theusch, Emergency Telephone System Board
- Eve Kraus, DuPage Emergency Telephone System Board
- Chris Clark, Glen Ellyn Fire
- Jim Connolly, Village of Addison (Remote)
- Steve Demas, Lisle-Woodridge Fire (Remote)
- Eric Ermer, Winfield Fire (Remote)
- Kevin Fleege, Oak Brook Fire (Remote)
- Reid Foltyniewicz, Oak Brook PD (Remote)
- Michael Hylton, Oakbrook Terrace PD (Remote)
- Keith Krestan, Lisle-Woodridge Fire (Remote)
- Todd Kubish, Villa Park PD (Remote)
- Brian Leahy, Clarendon Hills Fire (Remote)
- Bret Mowery, York Center Fire (Remote)
- Bob Murr, College of DuPage (Remote)
- Jimmy Lahanis, Darien-Woodridge Fire (Remote)
- Michael Rivas, Villa Park PD
- Richard Sanborn, Jr., York Center Fire (Remote)
- Scott Spinazola, Downers Grove Fire (Remote)
- Bill Srejma, ACDC (Remote)
- Patrick Tanner, West Chicago Fire
- Andrea Lieberenz, Addison PD, Secretary (Remote)

On roll call, Members Hayden, Dina, Baarman, Hermes, and Johl (8:17am) were present, which constituted a quorum.

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

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

There were no remarks from Chairman Hayden.

**4. PUBLIC COMMENT**

There was no public comment.

**5. CONSENT ITEMS**

Chairman Hayden asked for a motion to combine Consent Agenda Items A/Minutes approval for ETSB PAC March 6, 2023; B/DEDIRS March Maintainer Report. Vice Chair Dina motioned, seconded by Member Hermes. On voice vote, all "Ayes", motion carried.

Chairman Hayden asked for a motion to receive and place on file Consent Agenda Items A/Minutes approval for ETSB PAC March 6, 2023; B/DEDIRS March Maintainer Report. Vice Chair Dina motioned, seconded by Member Hermes. On voice vote, all "Ayes", motion carried.

5.A. [23-1359](#)

ETSB PAC Minutes - Regular Meeting - Monday, March 6, 2023

**Attachments:** [2023-03-06 PAC Minutes Summary.pdf](#)

5.B. [23-1360](#)

DEDIRS March Maintainer Report

**Attachments:** [2303ETSBRadioMaintenanceReport.pdf](#)

<b>RESULT:</b>	APPROVED THE CONSENT AGENDA
<b>MOVER:</b>	Andy Dina
<b>SECONDER:</b>	Sherianne Hermes
<b>AYES:</b>	Dina, Hayden, Baarman, Hermes, and Johl

**6. PARENT COMMITTEE APPROVAL REQUIRED**

6.A. [ETS-R-0016-23](#)

Resolution to adopt Policy 911-005.12: Flash Message Talk Group

A motion was made to recommend approval of the policy by Member Hermes, seconded by Member Baarman.

Ms. Zerwin explained that the Police are doing saturation patrols, and through this saturation patrol they identified a need for a flash talk group, which is basically an announcement talk group. She said the Sherriff’s Office offered one of their existing talk groups, DPSOTAC5, for this purpose. She said the Focus Group plan for that talk group is to make it one of the Police Ops channels. She said DPSOTAC5 is available in all of the radios now, so when the policy is approved and PSAP training complete, it can be used right away. She said that a review of this policy will be done in 30-60 days to see if anything needs to be adjusted.

Member Johl entered the meeting at 8:17am.

Ms. Zerwin stated that in the current template revision, DPSOTAC5 was scheduled to become PD OPS 10. The easiest way to Vice Chair Dina confirmed the channel they initially wanted to change will be changed to the flash channel. Ms. Zerwin said he is correct, and they can use it as GPS or TAC5. Vice Chair Dina asked if they will get a new channel, as that one was initially assigned to PD OPS 10. Ms. Zerwin confirmed, correct.

Member Baarman confirmed that announcement talk group means verbally saying it, and it is not the Motorola announcement talk group, where it combines all of the police channels into an announcement talk group. Ms. Zerwin confirmed that the intent is a dispatch channel and there is no back-and-forth transmissions on it.

Member Baarman asked if the PURVIS RIU could be expanded to have CAD do this automatically, so dispatchers would not have to do it. He said if an RIU is added to the system and if there is a CAD event with this certain CAD code, PURVIS (Samantha) would make the announcement on the channel. Chairman Hayden said they had not thought about it, and it was not part of the conversation. Mr. Theusch said a new RIU would be needed. Member Baarman said the RIU would have to be extended, then plug in the channel, identify the CAD codes, and that PURVIS (Samantha) would make the announcements instead of the dispatcher.

Chief Rivas of the Villa Park Police Department said he thinks this would be something that would have to be seen and practiced. He said not every call or every flash dispatch is going to fit a code.

Ms. Zerwin said Member Baarman’s suggestion could be investigated. She reminded the group that there is a 30-60 day review. Member Baarman said it is something to consider at the review time and should not be purchased yet.

On voice vote, motion carried.

**Attachments:**     [911-005.12 Flash Channel Talk Group draft.pdf](#)

<b>RESULT:</b>	ETSB PAC RECEIVED AND PLACED ON FILE
<b>MOVER:</b>	Sherianne Hermes
<b>SECONDER:</b>	Matt Baarman
<b>AYES:</b>	Dina, Hayden, Baarman, Hermes, and Johl

**7. POLICY DISCUSSION**

7.A. [23-1361](#)

Policy 911-005.8: DEDIR System Subscriber Unit Requirements

Ms. Zerwin said the Members received a clean copy with the changes and turned the discussion over to Mr. Theusch as she was not present for the previous discussion. Mr. Theusch said there was a significant amount of discussion regarding AES encryption and the TDMA at the last meeting. He said the December 31, 2023 date for the requirement for radios to be TDMA will remain in the policy. He said there was an adjustment made to the language for the radios in Appendix C, saying that “all models must have AES encryption (if encrypted channels are requested)”. He said this adjustment was made to clarify some confusion about requiring AES encryption if the radios were not going to monitor the encrypted channels. He said another note was added into Appendix C regarding the DEDIRS Approved Radios models to include outside agency radios. Mr. Theusch said Appendix C also clarified what the standard radio package consists of for Police and Fire. He concluded saying language was added under Section II regarding access to the DEDIRS talk groups for legacy radios that are not TDMA enabled.

Ms. Zerwin asked if there were any questions. Member Johl said the changes clarified all the questions from last month.

Member Baarman said he liked the Appendix language and asked that the bulleted list in Section II requiring AES encryption capabilities and the wording in the Appendix match. Ms. Zerwin made the adjustment to the policy on her shared screen. There was consensus for the changes.

Chairman Hayden said this agenda item was for discussion today and the policy will be placed on next month’s PAC and ETSB agenda for approval.

Ms. Zerwin asked if PAC would like to leave in the wording that the ETSB will provide the batteries. Chairman Hayden said yes. Member Johl said it makes sense, as the ETS Board could get a bulk discount for the purchase of replacement batteries easier than an individual agency would.

Ms. Zerwin asked the group if anything was missing. Member Johl said the Fire radios do not have a lot of accessories built out yet. He added that this policy allows the PAC to make the change to the accessories list without having to bring it back to the Board.

Ms. Zerwin said a couple of agencies have already submitted earpieces for consideration, and that they have been sent out to Motorola.

**Attachments:** [911-005.8 Authorized Subscriber Unit Requirements Policy draft 4.3.23.pdf](#)

## 8. DEDIRS PORTABLE AND MOBILE REPLACEMENT

Vice Chair Dina said the Fire template is complete and a list was submitted to the ETS Board with some items that need to be closed out. Vice Chair Dina asked for an update on the firmware for the portable SmartConnect feature. He said he heard the fix was found, and would be pushed

out to test radios. Mr. Theusch said that is correct, it is in process right now. Vice Chair Dina asked if there were any updates on the remote speaker mics. Mr. Theusch said they are expecting new ones to be shipped from Motorola, but he does not know when.

Ms. Zerwin asked if the rollout had begun on the firmware. Mr. Theusch said the Police firmware updates had started that morning, one agency at a time. He said they did a test agency, and it went well. He believed they will be finished county-wide on Wednesday. Ms. Zerwin confirmed that Andy Saucedo will do the APXNextXN radios in-house before they are deployed to the Fire agencies, and the XNs that have yet to ship will be upgraded before they are shipped. Mr. Theusch said that is correct.

**9. OLD BUSINESS**

No old business was discussed.

**10. NEW BUSINESS**

No new business was discussed.

**11. NEXT MEETING:**

11.A. Monday, May 1 at 8:15am in Room 3-500A

**12. ADJOURNMENT**

Vice Chair Dina made a motion to adjourn the meeting at 8:32am, seconded by Member Hermes. On voice vote, motion carried.

Respectfully submitted,

Andrea Lieberenz



## ETSB Other Action Item

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**File #:** 23-1614

**Agenda Date:** 5/1/2023

**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:** Thursday, April 27, 2023  
**FROM:** Matthew Baarman, Deputy Director  
**RE:** DEDIRS Maintenance Status Report – April

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### Starcom System Outages:

#### Unplanned Outages:

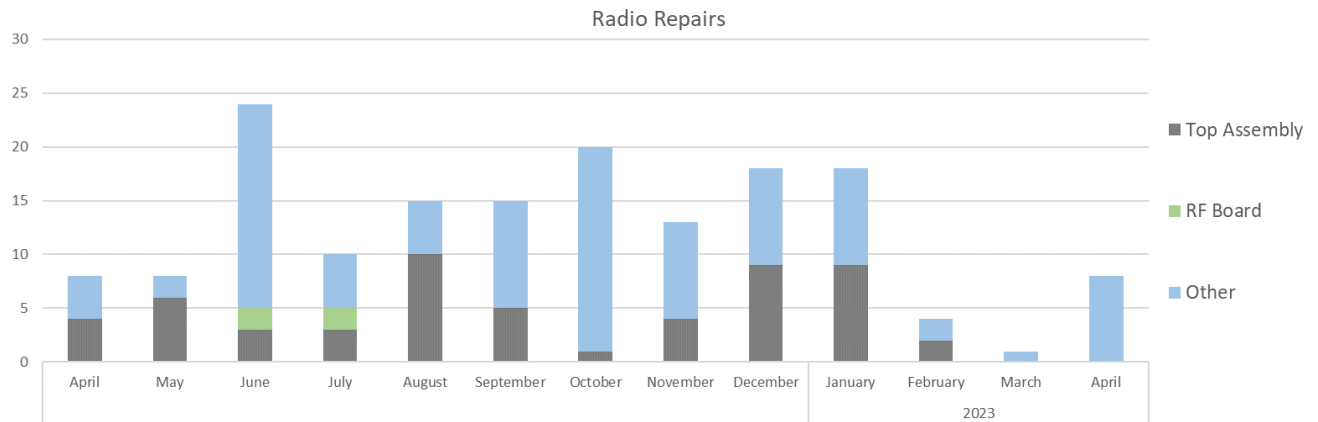
- None

#### Planned Outages:

- 04/22/23 Wheaton tower offline for about an hour due to AT&T fiber splicing near tower.
- 04/13/23 Two (2) short site trunking events at 8:45 am and 2:25 pm to apply security patches.

### Radio Repairs:

The most common issue has been the top knob assembly. Repairs for the last 13 months follow:



A few highlights include:

- Four (4) radio firmware update and alignment
- Nine (9) fire batteries replaced
- Two (2) RSMs replaced
- One (1) ticket pending, waiting for agency to drop off radio
- Four (4) tickets pending administrative resolution
- One (1) APX7000XE sent to Depot after swap from spares
- One (1) APX7000XE replaced with non-certified spares

**Talkgroup Usage:**

The twenty (20) busiest DuPage talkgroups on the DEDIRS STARCOM21 site from April 1, 2023 thru April 26, 2023 follows (all time in seconds):

Talkgroup Alias	Total Group Time	Group Count	Longest Call Time	Group Busy Count	Longest Busy Time	Count of Rejects
DU ACDC 2	245,465	74,366	34	0	0	1,220
DU ACDC 3	218,037	62,863	34	0	0	854
DU 3EAST	200,925	62,820	31	0	0	1,563
DU DPSO F1	189,805	51,756	35	0	0	974
DU 1EAST	177,980	53,202	31	0	0	1,382
DU 1WEST	163,526	49,988	30	0	0	923
DU 3WEST	163,339	50,359	42	0	0	850
DU 3SOUTH	160,313	48,968	41	1	0	911
DU 1SOUTH	151,937	47,608	35	0	0	693
DU 1NORTH	150,143	46,587	30	0	0	546
DU 7WEST	120,505	35,540	36	0	0	378
DU 7SOUTH	115,940	36,540	41	0	0	489
DU FIRE NORTH	112,316	22,284	61	0	0	267
DU DPSO JAIL	104,131	34,659	19	0	0	1,857
DU ACDC 1	92,090	26,374	37	0	0	419
DU FIRE EAST	83,335	15,233	30	0	0	187
DU FIRE SOUTH	81,752	16,990	30	0	0	246
DU FDACDC1	65,077	10,772	30	1	0	149
DU DPSO COURT	61,611	19,564	57	0	0	1,355
DU FDACDC2	56,793	10,880	42	0	0	112

**Radio Cache:**

Roselle PD requested 9 radios for a local event this month.

Radio Cache	APX7000		APX8000XE
	UHF	VHF	
Dual Band 800 Radios			
Out on Loan	47	10	0
In Stock	9	22	4

**April Issues:**

- Number of New Tickets = 7
- Number of Closed Tickets = 14
- Number of Open Tickets = 5



## ETSB PAC Resolution

421 N. COUNTY FARM  
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**File #:** ETS-R-0015-23

**Agenda Date:** 4/3/2023

**Agenda #:** 6.A.

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### RESOLUTION TO AMEND POLICY 911-005.8: DEDIR SYSTEM SUBSCRIBER UNIT REQUIREMENTS

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 amend the changes to Policy 911-005.8: TDMA Compliance, Authorized Subscriber Units and Accessories, initially adopted and approved by the DU PAGE ETSB on March 1, 2018, further revised on February 11, 2020, February 10, 2021, and revised and renamed to Policy 911-005.8: DEDIR System Subscriber Unit Requirements on this day of May 10, 2023; and

WHEREAS, Policy 911-005.8: DEDIR System Subscriber Unit Requirements has been approved 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 911-005.8: DEDIR System Subscriber Unit Requirements to provide a standardized system of interoperable communication on the DEDIR System.

NOW, THEREFORE BE IT RESOLVED, that the DU PAGE ETSB Policy 911-005.8: DEDIR System Subscriber Unit Requirements, be, and it is hereby amended and adopted.

Enacted and approved this 10th day of May, 2023 at Wheaton, Illinois.

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GREG SCHWARZE, CHAIRMAN

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

JEAN KACZMAREK, COUNTY CLERK

# Emergency Telephone System Board Of DuPage County Policy and Procedures



Policy #: 911-005.8

Previous Policy(s) #: 911-005.8: TDMA Compliance, Authorized Subscriber Units and Accessories

Effective Date: March 1, 2018

Revised: February 11, 2020; February 10, 2021; May 10, 2023

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## DEDIR System Subscriber Unit Requirements

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### Purpose:

The purpose of this policy is to ensure compliance with State of Illinois STARCOM21 and DuPage Emergency Dispatch Interoperable Radio (DEDIR System) requirements for equipment and accessories on DEDIR SYSTEM 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 a standardized System of interoperable communication on the DEDIR SYSTEM for emergency service interoperability and cost effective, efficient maintenance and programming of the subscriber units, consoles, and other approved accessories.

### Scope:

This policy shall apply to all DEDIR System users, vendors, maintainers, or other authorized agents receiving approval to access DEDIR System 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 System. The System permits communication between telecommunicators and the first responder 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 joint emergency response situations.

DuPage ETSB has authorized and overseen the purchase of replacement portable and mobile radios for the DEDIR System on STARCOM21. Those authorized radio brands and models are to be programmed for the DEDIR System STARCOM21 System or other radio channels and talk groups as recommended by the ETSB PAC and approved by the ETS Board.

It is DuPage ETSB's responsibility to provide access to STARCOM21 with an overall coverage at 12 dB throughout the county-wide System based on the intergovernmental agreements (IGAs) entered into with the participating agencies or their PSAP on behalf of their agencies. 12 dB coverage was affirmed during testing throughout the DuPage ETSB 9-1-1 System geographic area in ¼ miles increments with the original tower deployment and the subscriber/radio unit set up as provided by DuPage ETSB per the IGA.

# Emergency Telephone System Board Of DuPage County Policy and Procedures



Since that test, steps have been taken to add resiliency to the System to ensure 12 dB coverage in the event that a tower site was disabled. The ancillary result of this resiliency is that some, but not all of the DEDIR System, may experience coverage as high as 16 dB coverage.

Any member agency that wants to alter a portable radio or deploy an accessory that is not part of the standard package provided by the ETSB for the DEDIR System radios per the IGA must request review of that item to ensure that it does not require a change in the radio's code plug or diminish the efficiency of the radio (ie: certain microphones and earpieces that are available today require a change in the code plug to operate effectively on the DEDIR System).

Any agency that wants to alter a subscriber unit or portable must complete the Policy #911-005.8: Subscriber Unit Requirements Radio Modification Form (Appendix B) indicating that they acknowledge the information contained in this policy and that DuPage ETSB has met its obligation per the IGA.

## II. Authorized Subscriber Units

DEDIR System members should work with PAC prior to the purchase of any equipment that is not on the approved equipment list (Appendix C). Radios purchased after December 2022 must meet the following minimum specifications and receive prior approval before operation on the DEDIR System will be allowed:

- TDMA capable and enabled
- P25 Phase 2 Compliant
- Must have AES256 Encryption capabilities if requesting encrypted talk groups
- Must be submitted to and approved by ETSB PAC and ETS Board for operation on the System

All costs that are incurred by the ETSB or its maintainer to design, program or maintain non-DuPage purchased ETSB Radios will be billed to the organization or agency which owns/operates the radio(s) at a rate determined per vendor contract.

All radios that will affiliate to a TDMA talk group must have TDMA enabled. For talk groups that are patched to a legacy frequency (VHF), TDMA will not be functional but should be available. From time to time, ETSB may add additional approved radios to those radios to Appendix C. All radios which operate on the DuPage DEDIR System will be required by December 31, 2023 to be AES256 encryption capable and will not have access to any other DEDIRS talk groups other than the main Fire Dispatch Channels (Fire West, Fire East, Fire North, Fire South, FDACDC1, and FDACDC2).

## III. GPS:

APXNext radios are both LMR and LTE GPS capable. All other APX series radios are LMR GPS capable. All radios should have GPS enabled and be properly added to the Computer Aided Dispatch software list for effective unit status location and information consistency.

LMR and LTE GPS will be enabled in all ETSB DEDIR SYSTEM radios. GPS data will be entered into the Computer Aided Dispatch software (CAD LISTS), so accurate logging of the GPS signals may be utilized and properly documented. LTE GPS will be utilized in properly equipped radios.

Radios that are LTE capable use this feature to automatically hunt to LTE if an LMR signal is not available.

# Emergency Telephone System Board Of DuPage County Policy and Procedures



## IV. Process to Add Equipment to the DEDIR System

### A. Adding Subscriber Units:

If a DEDIR System agency determines that it would like to purchase additional subscriber/radio units, all additions to the DEDIR System must be submitted to the ETSB via the Policy Advisory Committee (PAC) to ensure Grade of Service is maintained and applicable/required features are enabled in the subscriber units and the units are compatible with the DEDIR System and its interoperability plan. Radios must meet the requirements listed in Section II of this policy.

### B. Airtime:

All additions to the DEDIR System must be submitted to the ETSB via the Policy Advisory Committee (PAC) to determine whether airtime will be provided by ETSB.

The ETSB Airtime contract will only be adjusted on an annual basis to include airtime costs for radios that can be paid with 9-1-1 surcharge. ETSB can bill an agency for airtime under its contract for radios that do not qualify for 9-1-1 surcharge financial support.

The airtime contract term begins January 1 of each year. Requests for airtime must be made by August 1 of any year to allow sufficient time for processing of change orders and budgeting through County Procurement. Requests after August 1 will not be considered until the next budget cycle. Unless otherwise approved, airtime will be the responsibility of the member user procuring new radios.

### C. WAVE Access

WAVE access must be approved by the STARCOM21 member, which is ETSB. On behalf of ETSB, PAC has been assigned the approval task for WAVE applications. The cost for WAVE access is an agency/user cost.

## V. Accessories

See Policy #911-005.8 Appendix C for ETSB supported equipment and accessories.

The ETSB has authorized the replacement of certain radio and equipment as shown in Appendix C of this policy subject to state and federal statutes and guidelines for acceptable costs.

A list of authorized accessories will be maintained by DuPage ETSB and posted on the ETSB Zendesk Portal in the DEDIR System tab. No modifications shall be made to subscriber units without prior approval by the ETS Board via PAC recommendation to ensure capability and proper radio function.

The ETS Board authorizes the PAC to make changes/additions/deletions to Appendices without having to bring such changes to the ETS Board.

In order to be eligible for accessory replacement, an agency must complete this policy's forms:

1. Policy #911-005.8: Appendix A: Annual Training Form, one per agency with roster; and
2. Policy #911-005.8: Appendix B: Radio Modification Notification Form, one per user requested change.

# Emergency Telephone System Board Of DuPage County Policy and Procedures



## VI. Modification Request and Notification

Any member agency that wants to alter a portable radio or deploy an accessory that is not part of the standard package provided by the ETSB for the DEDIR System radios per the IGA must request review to ensure that it does not require a change in the code plug or diminish the efficiency of the radio (ie: certain microphones and earpieces that are available today require a change in the code plug to operate effectively on DEDIR System).

Any agency or user that wants to alter a subscriber unit or portable must complete the Policy #911-005.8 forms indicating that they acknowledge the information contained in this policy and that DuPage ETSB has met its obligation per the IGA.

The standard package is listed in Appendix C. Additional approved accessories and items are listed as acceptable.

Any user utilizing a subscriber unit on the DEDIR System must complete a Policy #911-005.8: Subscriber Units and Accessory Policy Modification Notification form if altering the subscriber unit. This form is necessary to ensure that replacement accessories are compatible with the ETSB authorized radios. A list of the modifications, including part numbers, will be kept on file to assist the ETSB system manager in diagnosing any radio service tickets requests relating to the performance of the subscriber unit.

The completed form must have the approval signature of the agency head, or their designee, prior to submission to ETSB.

A form should be completed each time a modification is made.

The form must be submitted to DuPage ETSB via <https://dupageetsb.zendesk.com> prior to making any changes.

The ETSB system manager will review the accessory items listed on the modification form to ensure compatibility with the subscriber unit/portable. If there are no compatibility issues, the system manager will sign off on the form and return it to ETSB.

The 9-1-1 System Coordinator will sign off on the form and a copy will be returned to the agency head and the requesting user.

Any damage resulting from a failure to report a modification to the radio will be the cost of the agency. The deductible for radios purchased after December 2022 is \$5,000.

Use of a non-package Holster does not require a modification form, so long as the radio can function properly.

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

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



# Emergency Telephone System Board Of DuPage County Policy and Procedures



## Appendix A

### Policy #911-005.8: Annual Training Form

As the Chief/Director for my agency, I hereby acknowledge that the DEDIR System users under my command and/or authority have received and been trained on DuPage ETSB Policy #911-005.8: DEDIR System Subscriber Unit Requirements.

In addition, going forward, this agency will:

1. On an annual basis review and train on DuPage ETSB Policy #911-005.8: DEDIR System Subscriber Unit Requirements.
2. Provide a copy of this form annually when training of subscriber users has been completed, including a roster of users submitted to DuPage ETSB via <https://dupageetsb.zendesk.com>.

By checking this box, the below signed acknowledges the information in this policy regarding the requirements of DuPage ETSB to provide 12 dB coverage within the service area; and that said coverage is accomplished via a combination of LMR towers and LTE coverage (for applicable radios) and the set-up of the provided subscriber units per the IGA. I further acknowledge that knowing this information, the above agency has trained their user members utilizing a DuPage ETSB subscriber unit. Any radio that has been altered from authorized ETSB specifications shall be noted through use of the Policy #911-005.8: Subscriber Unit Requirements Radio Modification Form; this document will be provided for each radio that has been altered. Each document shall include the user's signature and the agency head's signature. Those users are indicated on the submitted roster to include the type of alteration (model number of replaced equipment) with the completed Policy #911-005.8: Subscriber Unit Requirements Radio Modification Form.

By checking this box, this agency and the individual users understand that DuPage ETSB is not responsible for any coverage loss experienced by the user who has modified the radio and further acknowledge that failure to provide modification information negates ETSB's responsibility to ensure, to the best of its ability, adequate radio coverage.

By checking this box, this agency understands that annual training must be on file in order to qualify for accessory modifications.

Acknowledged and agreed to this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_

Signature: \_\_\_\_\_

Printed Name and Title: \_\_\_\_\_

Agency: \_\_\_\_\_

Date Training was completed: \_\_\_\_\_

Subscriber Unit or PSAP Roster Attached (required)



# Emergency Telephone System Board Of DuPage County Policy and Procedures



## Appendix B

### Policy #911-005.8: Radio Modification Form

I hereby acknowledge I have received and been trained on DuPage ETSB Policy #911-005.8: DEDIR System Subscriber Unit Requirements. The undersigned acknowledges the information in this policy requires DuPage ETSB to provide 12 dB of coverage within the service area; and that said coverage is accomplished via a combination of towers and the set-up of the provided subscriber units per IGA.

I further indicate that knowing this information, my agency has trained me utilizing a DuPage ETSB subscriber and will be allowing individual members to choose to alter the subscriber unit. I further acknowledge that as a user of a provided DuPage ETSB subscriber unit,

[     ] (initial) I choose to alter the subscriber/radio unit listed below in the following manner:

Radio Type:	
ETSB Asset Tag#:	
Serial Number:	
Alias:	

Alteration or modification: (include item model number etc)

	Item	Part Number & Vendor Name
1		
2		

[     ] (initial) I agree to have this modification listed on the annual roster and to submit a new form if, at any point, I want to make further modifications to the subscriber unit.

[     ] (initial) I agree to pay for any damage that may occur to the radio as a result of my modification.

I understand that certain modifications made to this radio may reduce the efficiency of this radio and by making these modifications may cause my radio to operate below the standards set by Motorola and that was designed to operate on the DEDIR System. I further understand that all the conditions set forth in the DEDIR System policies have been implemented to ensure first responder safety and DEDIR System standardization for interoperability; and that I agree to hold DuPage ETSB harmless for any catastrophic failure, coverage loss experienced by this user as a result of the alteration or failure to report any malfunction of the subscriber unit.

Acknowledged and agreed to this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

\_\_\_\_\_  
Requestor

\_\_\_\_\_  
Agency Head or their Designee

\_\_\_\_\_  
Printed Name and Title

\_\_\_\_\_  
Printed Name and Title

Agency: \_\_\_\_\_

Date Training was completed: \_\_\_\_\_

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## Appendix C

### DEDIRS Approved Radios

All models must have AES Encryption (if Encrypted channels are requested) and TDMA

APX4000

APX6000

APXNext

APXNextXN

APX8000

APX8000XE

APX8500 mobile radios (Dual Head, Remote Head, Dash Mount)

APX7000 series radios

APX7500 mobiles radios

Outside agency radios not supported by DEDIRS (Naperville Harris radios, Kenwood radios)

The standard radio package shall consist of:

#### APXNext (Police)

	Description	Part Number
1	APXNext single band radio	H45TGT9PW8AN
2	APXNext Batteries	NNTN9216A
1	Charging port	Either single charger or multi-charger (agency choice)
1	Plastic Holster	PMLN7947A
1	Remote Speaker Mic	PMMN4145a
1	Whip Antenna or	QA08243AA
1	Stubby Antenna	AN0000296A01

#### APXNext XN (Fire)

	Description	Part Number
1	APXNext XN Dual band radio	H45TGU9PW8AN
2	APXNext XN Non-Incendiary Batteries	PMNN4812A
1	Charging port	Either single charger or multi-charger (agency choice)
1	Fire Holster	PMLN8328 (Boston Leather)
1	XN Remote Speaker Mic	PMMN4138A
1	Dual Band VHF Antenna	AN000417A01

### Authorized Accessories

The following accessories are approved for use on ETSB DEDIR System radios. *ETSB Provided* refers to equipment provided by DuPage ETSB for DEDIR System members. Replacement will be for normal wear and tear not for willful destruction or careless use of equipment. All agencies accessing the DEDIR System by IGA are responsible for their own equipment.

- a. Microphones
- b. Batteries (as needed, not blanket replacements)
- c. Chargers or charger cup replacements
- d. Antennas (only Motorola approved antenna)

The Agencies will be responsible for:

- e. Radio Holsters

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## Authorized Accessories

Item	Radio Model	Part Number	ETSB Provided	Date Approved
Earpiece Impres2 Wire	APXNext	PMLN6129A	No	
Earpiece Accessory Kit 2	APXNext	PMLN6127A	No	
Earpiece RX Only Clear	APXNext	PMLN8120A	No	
Earpiece Audio ACCY	APXNext	BDN6783B	No	
Earpiece CMFRT EAR	APXNext	RLN5312B	No	
Earpiece Impres2 Wire	APXNext	PLMN6130A	No	
HYBRID Leather holster	APXNext	PMLN7948A	No	
3" Replacement Swivel Belt	APXNext	PMLN5409A	No	
Remote Speaker Mic / Police	APXNext	PMMN4123A	Yes	
Whip Antenna / Police	APXNext	QA08243AA	Yes	
Stubby Antenna / Police	APXNext	AN0000296A01	Yes	
Plastic Police Holster	APXNext	PMLN7947A	Yes*	
Remote Speaker Mic/ 1802	APXNext XN	PMMN4138A	Yes	
Fire Holster	APXNext XN	PMLN8328 (Boston Leather)	Yes*	
Dual band VHF antenna	APXNext XN	AN000417A01	Yes	
Antenna Kit	APX8500 mobile	AN000131A02	Yes	

\*Initial deployment only