DU PAGE COUNTY

ETSB - Policy Advisory Committee
Regular Meeting Agenda

Monday, March 4, 2024   **8:15 AM**   **Room 3500A**

1. **CALL TO ORDER**

2. **ROLL CALL**

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

4. **MEMBERS' REMARKS**

5. **PUBLIC COMMENT**

6. **CONSENT ITEMS**

   6.A. **24-0824**
   ETSB PAC Minutes - Regular Meeting - Monday, February 5, 2024

   6.B. **24-0829**
   DEDIR System February Maintainer Report

7. **DEDIR SYSTEM PORTABLES AND MOBILES**

   7.A. **Police**

   7.A.1. Encryption Update

   7.A.2. HB4339 Update

   7.B. **Fire**

   7.B.1. NFPA Update

8. **OLD BUSINESS**

9. **NEW BUSINESS**

10. **ADJOURNMENT**

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

File #: 24-0824   **Agenda Date:** 3/4/2024   **Agenda #:** 6.A.

DU PAGE COUNTY
ETSB - Policy Advisory Committee
Draft Summary

Monday, February 5, 2024	**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
Tyler Benjamin, DU-COMM
Scott Bukovic, Westmont PD
Eric Burmeister, ACDC
Nick Kottmeyer, County Board
Jan Barbeau, State's Attorney's Office (Remote)
Colin Fleury, West Chicago PD (Remote)
Michael Hylton, Oakbrook Terrace PD (Remote)
Jason Norton, Darien PD (Remote)
Bill Srejma, ACDC (Remote)

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

PRESENT	Dina, Johl, Hermes, Rivas, and Selvik

3. CHAIR'S REMARKS - CHAIR DINA

Chair Dina acknowledged the service of Matt Baarman who resigned from DU-COMM after more than 11 years. Chair Dina wished him well and thanked him for his contributions.

Chair Dina welcomed Benjamin Tyler to the meeting. He said Mr. Tyler is a non-voting member until he is officially appointed on the ETS Board agenda for Wednesday, February 14.

Chair Dina then turned to Member Hermes who announced she would be retiring at the end of June and she introduced Mr. Eric Burmeister who would be taking her position at ACDC as the Professional Standards Coordinator but also her seat on the PAC.

4. MEMBERS' REMARKS

There were no Members' remarks.

5. PUBLIC COMMENT

There was no public comment.

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6. CONSENT ITEMS

6.A. **24-0634**

ETSB PAC Minutes - Regular Meeting - Monday, January 8, 2024

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

Attachments: 2024-01-08 ETSB PAC Minutes Summary.pdf

RESULT:	ETSB RECEIVED AND PLACED ON FILE
MOVER:	Pat Johl
SECONDER:	Michael Rivas

6.B. **24-0465**

DEDIR System January Maintainer Report

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

Attachments: Motorola System Manager Report 1-31-24.pdf

RESULT:	ACCEPTED AND PLACED ON FILE
MOVER:	Pat Johl
SECONDER:	Michael Rivas

7. PARENT COMMITTEE APPROVAL REQUIRED

7.A. **ETS-R-0010-24**

Resolution to adopt Policy 911-005.13: DuPage Emergency Dispatch Interoperable Radio System (DEDIRS) Command Central Aware. Recommendation to approve Policy Advisory Committee VOTE (to approve): 5 Ayes, 0 Nays, 1 Vacant.

Chair Dina asked for a motion to adopt Policy 911-005.13. A motion was made by Member Hermes, seconded by Member Rivas. Chair Dina opened the item for discussion.

Ms. Zerwin said this policy is specific to the PSAPs. CommandCentral Aware is a software that allows the PSAPs to see the GPS on the portable radios of the APXNexts for police. She said that while there is GPS in other electronic items, CommandCentral Aware sees the GPS of the LTE in the radios. She said the software is loaded on the PSAP consoles and they are in process of reviewing the training materials through the Motorola portal, which was discussed at the PSAP Supervisors' meeting. Ms. Zerwin said this policy is narrow to the PSAP functionalities and software limitations. Ms. Zerwin reviewed the new user emails and training and termination as the basis of the policy. Ms. Zerwin said that policies are typically run through the PAC twice but said they have the option to carry it through to the ETS Board agenda next week. She said the policy has been reviewed by the State's Attorney's Office and the PSAP Directors.

Member Hermes said she thought the policy was straightforward and thought they should

approve today. Mr. Benjamin concurred.

Member Rivas asked if during operations there is an officer that cannot be located, could they then reach out to the PSAPs for a location. Mr. Benjamin replied, yes. Member Rivas asked if it would be left at the supervisor level. Ms. Zerwin replied it is available at every console. Member Hermes said she did not believe this would change how the PSAPs function in regards to not having contact with an officer, it is another tool in their toolbox to locate the unit.

Chair Dina asked Member Rivas if he was in agreement to approve. Member Rivas replied, yes.

On voice vote, to recommend approval to the ETS Board, all Members voted "Aye", motion carried.

Attachments: Policy 911-005.13 GPS Command Central Aware draft.pdf

RESULT:	ETSB RECOMMENDED FOR APPROVAL
MOVER:	Sherianne Hermes
SECONDER:	Michael Rivas
AYES:	Dina, Johl, Hermes, Rivas, and Selvik

8.   DEDIR SYSTEM PORTABLES AND MOBILES

8.A.   Police

8.A.1. Encryption Update

Member Rivas said there was no update regarding encryption and that the Police Focus Group would be meeting directly after this meeting and any updates would be presented at the next PAC meeting. Chair Dina asked if they had someone to replace Mr. Baarman within that group. Member Rivas said they do not. Chair Dina said that DU-COMM would make that appointment. Member Rivas said they would reach out.

Ms. Zerwin said they did get the three attendees through the Motorola KMF encryption class and that feedback was very positive. She said the feedback was that aside from the technical aspects of the class, it gave attendees a lot to think about regarding encryption. Ms. Zerwin said it was money well spent and good timing within the processes.

8.A.2. HB4339 Update

Member Rivas said they have heard no updates at this time. He said the DuPage Chiefs were trying to reach out to the original proposer of the legislation and that they are still waiting. Ms. Zerwin said she talked to John Thompson, the Illinois State Police liaison, and that this bill has moved to the Executive Committee in the General Assembly which means it could move very quickly, either way. She said they would keep a close eye on which way it could go.

8.B. Fire

Chair Dina asked Ms. Zerwin if there was an update from Motorola regarding the APXNext XN radios. Ms. Zerwin said she met with Motorola sales and product division in a higher-level discussion. She said that she was comfortable with the business model for what the next 10-15 years would be and what Motorola's current vision on rollouts of NFPA standards (enhancements, firmware updates, releases, etc). She stated they discussed the status of the NFPA approvals of the Tentative Interim Amendments (TIA) and when those would be available in the APXNext XN. Motorola hoped to have a demo radio of the changes they would make for the beta group to review. The gap at this time is when this demo would be available and what the lead time for the APXNext XE would be if a change was made. Ms. Zerwin said the State's Attorney's Office was looking at the contract in terms of the financial aspects of the financing package. Chair Dina said that before they discuss a change order, the Fire Focus Group would like to see the APXNext XN with the recommended changes. Chair Dina thanked Ms. Zerwin for her work and support on this item.

Chair Dina said there has been testing happening with the mobile VHF and STARCOM 800 frequencies where one is cutting out the other transmission. Chair Dina has heard no feedback from Motorola. Member Johl said they have been able to recreate the issue but has not heard from Motorola, either, and does not know how this will affect when the mobiles are installed. Member Johl said the VHF transmission will block out the receive and transmit on STARCOM on various radio configurations. Chair Dina asked if they had tested beyond the mobile APX8500s. Member Johl said they used a Kenwood portable model to transmit but the only mobiles his agency has are APX8500s. Ms. Zerwin asked if Downers Grove had tested with APX7500s and that was confirmed, yes, the issue occurred in that situation, as well.

Chair Dina reminded users that if they have any radio related problems or questions to open a Zendesk ticket to get them resolved or if a new vehicle is coming in and an agency would like a mobile deployed in advance, also open a Zendesk ticket.

9. OLD BUSINESS

Ms. Zerwin said that as a committee member, there is annual training for County Ethics and the Open Meetings Act. She said the County is in process of changing training portals and that those notices should be coming out the end of this month or early next. She said the training may apply to the members of the focus groups, as well, depending on the opinion of the Attorney General.

10. NEW BUSINESS

There was no new business.

11. ADJOURNMENT

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

Member Rivas made a motion to adjourn the meeting at 8:33am, seconded by Member Selvik. On voice vote, motion carried.

Respectfully submitted,

Eve Kraus

File #: 24-0829   **Agenda Date:** 3/4/2024   **Agenda #:** 6.B.

MOTOROLA *SOLUTIONS*

ST★RCOM21

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TO: Linda Zerwin, ETSB Executive Director
FROM: Andy Saucedo, Motorola System Manager
DATE: March 1, 2024
SUBJECT: STARCOM 21 DEDIRS 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 Starcom 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.

Service Tickets
Feburary

Category	Year to Date		Past Month					
			Totals		Categories of Tickets			
Category	Opened	Closed	Total	Closed	Consumable replaced	Alias or Configuration	Sent to Depot	Other
APX 7000	20	18	8	8	8	0	0	0
APX Next (police)	18	12	12	14	5	5	0	2
APX NextXN (fire)								
APX 8500 (mobiles)	11	11	4	4	4	0	0	0
APX4000	3	3	2	2	2	0	0	0
Other models	1	1	0	0	0	0	0	1
Total	53	45	26	28	20	5	0	3

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Programming – Projects
Code plug updates:
2/27/24 Warrenville PD APX 8500 firmware updated to R30.04 to address a control head power on/off issue. Also additional zone and channel were added to the VHF capable dual head, Zone WRP VHF PW Channel WARN PW Frequency 154.00250.

Codeplug Creation:
There were none at this time.

Consolidations:
There were none at this time.

Radio Alignment:
There were none at this time.

STARCOM21

Scheduled Maintenance**:**
System Patches:

- Notification of planned maintenance to be performed affecting the STARCOM21 system CRQ000000277393 - Starcom Wave - Update Windows security certificate - 2/1/24
  Notification of planned maintenance to be performed affecting the Starcom system on Thursday the 1st, beginning at 10:30 am and lasting approximately 15 minutes.
  Work performed: Wave system security certificate implementation.
  Work completed by: Motorola NOC
  Impact: All Wave users on the system

- The Starcom21 System with help from the Upgrade Operations team will be upgraded to the 2022.1 release beginning Tuesday, January 16th. This effort will last two weeks until Friday, January 26th for central and southern Illinois. And it will resume again from 2/13 until 2/23 Northern Illinois.

- Tuesday, 2/13/24
  1:00 PM- Site Trunking Event- Please be aware this will be around a 5-minute event
  Red X's on Consoles for 5 Minutes as well

- Wednesday, 2/14/24
  10:00 am- Site Trunking Event (~5 Minute Event)
  Red X's on Consoles for 5 Minutes as well
  4:30 pm - Site Trunking Event (~5 Minute Event)
  Red X's on Consoles for 5 Minutes as well

- Thursday, 2/15/24
  12:00pm- Site Trunking Event (~5 Minute Event)
  Red X's on Consoles for 5 Minutes as well
  Conventional Resources will be unavailable during CCGW Reboots

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- IL_STARCOM Monthly Application of Windows Motopatch 2024.01 – Patching 2/14/24 Monthly MOTOPATCH for Windows process was performed on applicable clients in your ASTRO System.

- IL Starcom System ID: 0140 ASTRO: 2020.1 - 2024.Q1 March Core Patching for Zone(s) 1 2 3 5. Remote Security Update Services (RSUS) team is scheduled to apply applicable security patches to the following ASTRO System: IL Starcom System ID: 0140. The patching activity was planned for the following date(s) and start times: 3/13/2024 9:00 AM CST and 3/14/2024 8:30 AM CST. The RSUS team will be applying important security patches to the identified ASTRO system.

Command Central Patches:
There were none at this time.

SmartConnect Patches:
- [Scheduled Maintenance] SmartConnect (Australia, Canada, United States)
  The scheduled maintenance has been completed.
  Start: 15/Feb/2024 @ 3:30 AM CST (UTC -6)
  End: 15/Feb/2024 @ 9:30 PM CST (UTC -6)

- [Scheduled Maintenance] SmartConnect (United States)
  The scheduled maintenance has been completed.
  Start: 19/Feb/2024 @ 9:00 PM CST (GMT -6)
  End: 20/Feb/2024 @ 7:00 AM CST (GMT -6)

- [Scheduled Maintenance] SmartConnect (United States)
  The scheduled maintenance has been completed.
  Start: 20/Feb/2024 @ 9:00 PM CST (GMT -6)
  End: 21/Feb/2024 @ 7:00 AM CST (GMT -6)

- [Scheduled Maintenance] SmartConnect (Canada, United States)
  The scheduled maintenance has been completed.
  Start: 22/Feb/2024 @ 3:30 AM CST (UTC -6)
  End: 22/Feb/2024 @ 9:30 AM CST (UTC -6)

- [Scheduled Maintenance] SmartConnect (Canada, United States)
  The scheduled maintenance has been completed.
  Start: 28/Feb/2024 @ 3:30 AM CST (UTC -6)
  End: 28/Feb/2024 @ 9:30 AM CST (UTC -6)

Radio Central Patches:
There were none at this time.

Unscheduled System Outages:
There were none at this time.

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Releases**:**
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:
February PAC meeting 2/5/24

Training
There was none at this time.

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Grade of service report:

January 2024 Starcom21 GoS 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	21.03	3.58	6.82	31.00	2562.97	12872.23	5.02	0.00	0.00	0.00
1:00:00	0.00	18.51	3.15	7.25	31.00	2270.29	11329.97	4.99	0.00	0.00	0.00
2:00:00	0.00	16.22	2.76	7.64	31.00	1942.58	9925.81	5.11	0.00	0.00	0.00
3:00:00	0.00	14.51	2.47	7.93	31.00	1718.00	8880.52	5.17	0.00	0.00	0.00
4:00:00	0.00	15.69	2.67	7.73	31.00	1861.55	9602.23	5.16	0.00	0.00	0.00
5:00:00	0.00	16.05	2.73	7.67	31.00	1870.16	9825.19	5.25	0.00	0.00	0.00
6:00:00	0.00	17.33	2.95	7.45	31.00	2144.74	10605.19	4.94	0.00	0.00	0.00
7:00:00	0.72	26.06	4.43	5.97	31.00	3211.84	15951.45	4.97	23.13	123.19	5.33
8:00:00	0.84	31.42	5.34	5.06	31.00	3818.90	19226.06	5.03	32.19	172.39	5.35
9:00:00	0.00	32.58	5.54	4.86	31.00	4010.48	19936.35	4.97	0.10	2.26	23.33
10:00:00	0.00	32.68	5.56	4.84	31.00	4026.55	20000.74	4.97	0.03	0.13	4.00
11:00:00	0.00	30.65	5.21	5.19	31.00	3759.29	18758.87	4.99	0.03	1.32	41.00
12:00:00	0.00	31.76	5.40	5.00	31.00	3909.06	19437.06	4.97	0.19	1.29	6.67
13:00:00	0.00	32.69	5.56	4.84	31.00	4007.58	20004.97	4.99	0.03	7.13	221.00
14:00:00	0.00	32.73	5.56	4.84	31.00	4076.68	20032.74	4.91	0.19	4.06	21.00
15:00:00	0.06	34.57	5.88	4.52	31.00	4339.42	21155.00	4.88	2.39	27.10	11.35
16:00:00	0.02	33.53	5.70	4.70	31.00	4186.23	20519.10	4.90	0.97	12.19	12.60
17:00:00	0.00	32.07	5.45	4.95	31.00	3996.06	19624.19	4.91	0.03	0.10	3.00
18:00:00	0.00	29.00	4.93	5.47	31.00	3594.84	17747.35	4.94	0.00	0.00	0.00
19:00:00	0.00	27.37	4.65	5.75	31.00	3464.29	16749.84	4.83	0.00	0.00	0.00
20:00:00	0.00	27.24	4.63	5.77	31.00	3452.00	16670.23	4.83	0.16	0.48	3.00
21:00:00	0.00	26.01	4.42	5.98	31.00	3275.68	15916.39	4.86	0.00	0.00	0.00
22:00:00	0.00	24.88	4.23	6.17	31.00	3151.19	15227.29	4.83	0.00	0.00	0.00
23:00:00	0.00	22.63	3.85	6.55	31.00	2847.97	13851.29	4.86	0.00	0.00	0.00

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DEDIRS Usage Report:

Talk Groups	Push To Talk Counts
DU ACDC 2	35938
DU 3EAST	31259
DU ACDC 3	30003
DU 1EAST	27162
DU 3 SOUTH	22799
DU 3WEST	23145
DU DPSO JAIL	28275
DU 1SOUTH	21296
DU 1NORTH	21474
DU DPSO F1	20855
DU 7 SOUTH	18240
DU 1WEST	18094
DU 7WEST	16182
DU SHERIFF COURT	17266
DU ACDC 1	11485
DU FIRE NORTH	9368
DU FIRE SOUTH	8024
DU FIRE EAST	6848
DU FD ACDC2	5318
DU DUCOMM STWD	2401
DU FD ACDC1	4976
DU STWDTAC1	2674
DU FIRE WEST	3664
Grand Total	477401

![Motorola Solutions logo] ![STARCOM21 logo]

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Total

A bar chart titled "Total" with the following approximate values:

Category	Total
DU ACDC 2	~36000
DU 3EAST	~31000
DU ACDC 3	~30000
DU 1EAST	~27000
DU 3 SOUTH	~23000
DU 3WEST	~23000
DU DPSO JAIL	~28000
DU 1SOUTH	~21000
DU 1NORTH	~21500
DU DPSO F1	~21000
DU 7 SOUTH	~18000
DU 1WEST	~18000
DU 7WEST	~16000
DU SHERIFF COURT	~17000
DU ACDC 1	~11500
DU FIRE NORTH	~9500
DU FIRE SOUTH	~8000
DU FIRE EAST	~7000
DU FD ACDC2	~5500
DU DUCOMM STWD	~2500
DU FD ACDC1	~5000
DU STWDTAC1	~2500
DU FIRE WEST	~3500