APRIL DU PAGE EMERGENCY DISPATCH INTEROPERABLE RADIO SYSTEM (DEDIRS)

Motorola Wednesday Morning Status Call – March 5, 2025 – in person report to ETS Board.
Motorola Wednesday Morning Status Call – March 12, 2025 - no call ETSB Board meeting.

Motorola Wednesday Morning Status Call – March 19, 2025
Encryption: Have updated information for the DuPage Talkgroups new AES plan. Andy S to meet with ETSB on the MOUs talkgroups this week to make sure we have updated information. Andy is looking into some of the radio's capacity for duplicating DuPage talkgroups. (APX 4000) We are currently working with the new AXS consoles(ACDC) to devise a plan for the migration to AES and OTEK operations. We hope to have this resolved this week.

AXS Consoles: As of Tuesday night 6 consoles had been fully installed and were functioning. There was an issue with only one port being available for IRR and Eventide Logging, but we have used a splitter to provide feed to both systems. I have reached out to Motorola engineering to determine appropriate steps in resolving this issue. Installation to continue at pace of 2-3 consoles per day.

DFSI: Met with Jim Connolly last week to discuss ACDC need for DFSI and potential hurdles in implementation. Motorola is still planning on setting up Tait system in the lab to test prior to implementation in the field. Linda Z provided contact with Purvis to help Motorola determine method of providing data to Purvis system with DFSI implementation. Reaching back out to Leonardo to get system diagrams to help determine setup for DU-COMM system.

Motorola Wednesday Morning Status Call – March 26, 2025
Encryption: Motorola is still waiting on new console installation to be complete and configuration to be finalized so we can provide ADP to AES Encryption on the consoles. Matt Downer is currently working on finalizing documenting the encryption plan created from gathered information. Andy Saucedo is still working to gather all MOU information for encryption as well. Motorola is currently tracking down information on inventory as well.

AXS Console Installation: As of Tuesday 2/26/25 there were 16 consoles installed at the ACDC dispatch center. Installation continues with the goal of full implementation and completion prior to April 10th. Motorola STs and ChiComm are continuing to troubleshoot issues as they arise. Installation continues at the pace of 2-3 positions per day.

DFSI: The Motorola lab has stated that the original time available for lab testing is not available any longer. Motorola is working with the lab engineers to lock down a schedule where the Tait system can be tested. The Motorola equipment (spare borrowed from ETSB) has been configured in the lab and they are actively working on networking. Once we have a date secured we will work with Jim Connolly to test Tait equipment.

PAC Member Fire Deputy Chief Craig Jansen provided an update at the ACDC Fire Ops meeting on March 11. PAC Vice Chair Fire Chief Chris Clark provided an update to the DU-COMM fire chiefs at their Ops meeting on March 20.

Fire Focus Report: Friday, March 21, 0900 to 12:30

1. Status of obtaining encryption keys. Who is responsible and is help needed?
    a. Andres will reference to the contact information from each of the MOU's (about 15) and provide a spreadsheet that Andy can reference to make contact and get the keys. If Andy needs assistance, he will reach out to the Focus Group.
    b. Prior to programming radios, the CKR's must be established and entered into the radio. The key may be able to be loaded over the air but not the CKR. Therefore getting the CKR's is on the critical path.

2. IGA status.
    a. MOU's will need to be updated listing the CKR's. ETSB has created an updated form similar to the Grundy County Form.
3. Requests for all hazard zone mode for fire ground channels/talkgroups.
    a. Oak Brook and Clarendon Hills have requested that their radios be set up so fireground tactical channels are only available in Hazard Zone mode.
        i. Agency selectable zones can be set up with all tactical channels using Hazard Zone operation only.
        ii. The same channels and talkgroups exist in several other Zones in the radio and are available in non-Hazard Zone mode. This is part of the standardized radio template.
        iii. It is not possible to prevent a user from selecting the non-Hazard Zone version of the channel from another Zone.
4. Radio ID/ RSI numbering- pros/cons of 10 million series vs 270000. Same or new IDs.
    a. Discussed the benefits and detriments of using the existing 270000 radio ID series or the 10 million series.
        i. Using the existing radio ID's (270000 series) would allow aliases on existing mobile radios to continue to work. This would also benefit non-Starcom VHF radios that are currently set up to decode aliases.
        ii. Using the existing radio ID's (270000 series) would allow the Radio ID and the Encryption ID to be the same. The KVL only supports 6 digits.
        iii. Using the existing radio ID's (270000 series) could complicate radio testing as effort would be needed to avoid two radios with the same ID.
    b. Linda will inquire about using the current 270000 series radio ID's.
        i. Need to confirm that ID's in the range not currently assigned to DuPage are available.
5. Confirm FD Template Channel naming:
    a. Zones 1-3 Existing template with existing names
    b. Zones 4 & 5- User Selects using new naming conventions
    c. Zone 6 - 15 new FD OPS channels and names
    d. Zones 8 & 9 in all radios (new zones with HZ)
    e. User Select Zones 66 & 67 use all new names

    Confirmed that Zones 1-3 will be deleted once talkgroup names are changed.
6. Fleetmap/Template Reviews:
    a. Review Assignments/Status
        i. Andres updated the Monday spreadsheet with separate status for Template and Fleetmap reviews.
    b. Number of characters/spaces
        i. Radio Alias and System Alias shall be the same
        ii. Total characters limit is 14
        iii. All aliases will begin with "DUxxx" including DU for DuPage and three letter agency code with no space in between.
        iv. This leaves 9 remaining characters available.
        v. If 8 or fewer characters are needed, a space will be added following the agency code.
    c. Where should docs be located (fleetmap, template, signoff page)?
        i. Monday spreadsheet updated.
7. Focus Group Testing of final template
    a. Testing required
        i. Andy will program a codeplug with the Addison FD template and push it to Focus Group members for evaluation.

        ii. All controls, display, volume levels, etc. need to be evaluated.
        iii. Regional mutual aid resources need to be tested.
    b. Responsible parties
        i. Will and Grundy Counties: John Sullivan
        ii. North Cook and Kane County: Chris Clark
        iii. South Cook County: Craig Jensen
        iv. State and Tollway: Jim Connolly
8. Training program development and delivery methods
    a. Who's developing materials?
        i. In process of obtaining base materials from Motorola
    b. How will training be delivered?
        i. Resources (Documents, slides, videos) will be provided to agencies two weeks prior to radio delivery.
9. Status of Motorola updates to XN portables
    a. No updates.
10. Roll Out Strategy by agency
    a. Agency test radios, test period
        i. Agency will receive two radios to test for one week.
        ii. Chris Clark will determine a radio ID for use, preferably a new one.
    b. Radio exchange
        i. Radios will be exchanged one for one. One agency per day.
11. Mobile radio solution status update.
    a. Motorola working on it. Presenting soon.
12. Command Central
    a. Will Command Central Aware be made available agencies?
    b. Need information on license fees.

Radio Alias List and Templates Updates March 2025

The March 2025 update outlines the progress in gathering essential documents from agencies, including Alias Lists, template selections, and sign-off memos. This overview captures the ongoing collaboration and systematic efforts to ensure all submissions align with the required standards. The following data provides a detailed breakdown of the current stages and distribution within the collection process.

Documents Submission Status	
Awaiting Template Review	9
Awaiting Alias Review	1
Awaiting Full Review	1
Documents Pending	1
Pending Sign Off Memo	1
Ready for configuration	12
Waiting on Agency Response	4
Total Agencies	**29**
.**Template Selection**	
Pending Selection	2
Option 1 Current Template No HZ	1
Option 2 with HZ in Selectable Channels	5
Option 2 NO HZ in Selectable Channels	21
Total	**29**

Motorola Radio System Manager Report:
The System Manager's memorandum is located at the end of the monthly report.

Firmware Update Multi-Charger:
Multi-chargers' firmware updates were completed March 26 and 27 by two teams of two from OHSEM. The System Manager previously completed updates for Bloomingdale PD and the Sheriff's Office. The System Manager is in the process of testing the firmware update for the single charger and its impact on the battery and battery life.

The teams verified asset tags as well as performed the update. This was a good asset check and ETSB staff will verify the lists and notes of the teams against inventory sheets. There were two chargers that could not be located. And there was one unit that would not accept the download. This unit staff will look at it for system issues and possible replacement.

Multi-Charger Firmware Update Project			
Agency	# of Units APXNext	# of Units APX4000	Status
Addison PD	7		Complete
Bartlett PD	6		1 Charger could not be found
Bloomingdale PD	6		Complete
Burr Ridge PD	4		Complete
Carol Stream PD	1		1 Charger could not be found
Darien PD	4		Complete
Downers Grove PD	7		Complete
DuPage Sheriff	2	21	Complete
Elmhurst PD	11	2	Complete
Forest Preserve PD	1		Complete
Glendale Heights PD	1		Complete
Hanover Park PD	4		Complete
Hinsdale PD	3		Complete
Lisle PD	5		Partially Complete
Lombard PD	11	1	1 Charger could not be found
Oakbrook Terrace PD	3		Complete
Oak Brook PD	8		1 Charger would not accept update
Roselle PD	6		Complete
Villa Park PD	5		Complete
Warrenville PD	4		Complete
Willowbrook PD	3		Complete
Wheaton PD	8	3	Partially Complete
West Chicago PD	4		Complete
Wood Dale PD	1		Complete
Woodridge PD	2		Complete
	116	29	

Firmware Update APXNext/Police: In the March report there were 274 police radios that needed firmware updates, as of March 31 there are 81 police radios that still have not completed the firmware updates. A list will be provided at the end of this update.

A refreshed sheet for police agencies requiring firmware updates was provided for the ACDC Police Ops meeting on March 18. The DU-COMM Chiefs meeting on March 11 was cancelled.

PAC Vice Chair Fire Chief Chris Clark provided an update to the DU-COMM fire chiefs at their Ops meeting on March 20.

The DU-COMM Police Ops meeting on March 26 was cancelled but the firmware information was provided to DU-COMM Directors for distribution. The DU-COMM Support Services meeting on April 2 is also cancelled.

A firmware report was run on March 31 and follows this report.

POLICE AGENCIES REQUIRING FIRMWARE UPDATES – as of March 31, 2025

RADIO STATUS: Running: Package Downloaded have downloaded the firmware to the radio but it has not been applied by the user.
These radios are the ones that seem to be susceptible to the radio restart error that is happening. Any radio that gets stuck in a constant restart cycle will need a factory reset, reprogram, and key loading of the radio at the ETSB office. Submit a Zendesk ticket for that radio and schedule a time to bring it in, please.

BARTLETT PD	**FOREST PRESERVE**	**SHERIFFS OFFICE**	**VILLA PARK PD**
BAP SERAFIN	FPP Johnson	SOP NAVRTIL	VPP Bastian
BAP CARULLI	**GLENDALE HTS PD**	SOPSCHOENENBER	VPP Blake
BAP BUBIS	GHPHALIPAJ3034	SOP GREEN	VPP Bregman
BAP PRETKELIS	GHP AMODIO3017	SOP HODGE	VPP Perez
BAP SALLIS	GHP GARCIA396	SOP MERIT 2	VPP Velazquez
BAP KEYSER	GHPSTODDARD374	SOP BIBBIANO	VPP Raymond
BAP NESSLING	GHPSTACHURA395	SOP FAVELA	WCP CHASSAGNE
BENSENVILLE PD	GHPSHAFFREY954	SOP SCHULTZ	WCP LEVATO
BEP MIRANDOLA	GHP JENCA953	SOP HARRAH	WCP ONEIL
BEP CHA	GHPPSHEEHAN950	SOP FOX	WCP CARGOLA
BEP EMA	GHPLOMIBAO3027	SOP GRAVEL	**WHEATON PD**
CAROL STREAM PD	GHP MASCIO399	SOP THOMAS	WHP Lord
CSP ZAKRSKI	GHPLNHARDT3004		**WOOD DALE PD**
CSP MCGOVRN	GHP SCHON397		WDP Singto
CSP MCINTYR	GHPROSARIO3007		**WOODRIDGE PD**
CSP FREER	**LISLE PD**		WOP 132
CSP PLAKETT	LIP ARNOLD		WOP 119
CSP DUMDIE	LIP CARROLL		
CSP JUSTINIANO	LIP HURT		
CSP ROE	**LOMBARD PD**		
CSP CCADLE	LOP OLIVER		
CSP FAUTH	**OAK BK TERR PD**		
CSP BACIDOR	OTP 20		
CSP KOELLER	OTP 22		
CSP CZERNEK			
CSP DUNTMAN			

RADIO STATUS: Running: Waiting For Device has not been powered on to accept the download.

BARTLETT PD	**GLENDALE HTS PD**	**WHEATON PD**	**WINFIELD PD**
BAP JENKINS	GHPGRZKWCZ3020	WHP Tschida	WFP SCHANE
BENSENVILLE PD	**VILLA PARK PD**	WHP Spare 1	**WOOD DALE PD**
BEP CARRERA	VPP Grabowski	WHP Klamerus	WDP Werner
FOREST PRESERVE	**WESTMONT PD**	WHP K Lucas	
FPP Clausen	WSP Santiago		