



Michigan's Public Safety Communications Interoperability Board

Agenda

March 12, 2019, 2:00 PM – 4:00 PM

MSP HQ, Centennial Room, 7150 Harris Drive, Dimondale, MI 48821

Dial In # 888-278-0296

Access Code: 8855666#

	Notes
I. Call to Order	Vice Chair Brad Stoddard called the meeting to order at 2:01p.m.
II. Roll Call	The following Board Members were present: Brad Stoddard, Michelle LaJoye-Young, Greg Janik, Ron Bush, Ken Morris, Bryce Tracy, Jon Unruh, Ann Searles for Kevin Sehlmeier, Col. Tom Sands for Capt. Emmitt McGowan, Jerry Ellsworth for Linda Scott, Bradley Kersten Absent: Troy Stern, Lawrence Schloegl, Gary Hagler, and Kevin Sehlmeier Also Present: Al Mellon, Jaclyn Barcroft, James Grady, John McDonough, Kate Jannereth, and Chelsea Simon
III. Approval of Meeting Minutes	Motion by Bryce Tracy seconded by Chief Janik for December's minutes. Motion by Bryce Tracy, seconded by Chief Janik for special February minutes.
IV. Approval of Meeting Agenda	Motion by Michelle LaJoye-Young seconded by Ron Bush.
V. Public Comment	None.
VI. Communications	None.
VII. Workgroup Reports <ul style="list-style-type: none"> A. Communications Unit Workgroup <ul style="list-style-type: none"> 1. Workgroup Update 2. Statewide Communications Interoperability Plan (SCIP) 2017 Draft (See section IX New Business) B. Public Safety Broadband Workgroup <ul style="list-style-type: none"> 1. Workgroup Update 2. Regional/National Activities/News C. Auxcomm Workgroup <ul style="list-style-type: none"> 1. Workgroup Update D. Public Alerting Workgroup <ul style="list-style-type: none"> 1. Workgroup Update E. Fire Paging Workgroup <ul style="list-style-type: none"> 1. Workgroup Update 	<p>COMU WG Working with Auxcomm for recognized Auxcomm personnel. Face-to-face meeting in May, the day before GLHS conference.</p> <p>Public Safety Broadband – Documented what it will take for Emergency Communication Centers (ECC) to migrate to FirstNet. Network coverage testing –Looking for agencies to help test and use diagnostic licenses.</p> <p>Board action to approve procedure to request FirstNet deployable assets. Bryce – will there be an ability for an annual report to monitor use of assets? Risk of losing them if not used enough? Pam - We can ask for one.</p>

<p>2. Building codes recommendation</p>	<p>Pam – Spoke with Verizon to see if they would want to mirror this process. Meeting end of April. Ron Bush – How will costs be covered for planned events? Pam - No cost even if for planned events. Ron Bush moved to accept the procedure, Michelle LaJoye-Young seconded. State executive leadership meeting on 2018 build out. Regional/National news: Brad mentioned lack of standards surrounding FirstNet applications. Auxcomm - Face-to-face meeting at Interop conference. New vision and mission statements. Coverage around the state and strategic planning discussions. Auxcomm workshop in Marquette in April. Public Alerting – Request for information for emergency alert and mass notification system received. 3 vendors replied. Helped with clarifying requirements. Finalizing business and technical requirements. Working on additional training for IPAWS. Different courses for roles in the system. Cross border EAS messaging. Local primary stations in Indiana can add Michigan federal ID codes into their machines. Goal is to add that into Michigan’s plan for border states. Fire Paging – Lessons learned document in progress. Unication working on micro-site for capable solution for in-building issue. Building codes impacting in-building coverage. Need to spread awareness of building codes for two-way radios. Updating website for Fire Paging to house best practices. Unication working on text paging, testing hardware to integrate into CAD. Working on a way to log and test pager coverage through a smart phone Bluetooth connection.</p>
<p>VIII. Old Business</p> <ul style="list-style-type: none"> A. MPSCS State Performance Audit; November 2017 – June 2018 B. Michigan’s Interoperability and Training Conference Save-the- date February 19-22, 2019 	<p>Audit – no update. Interop Conference –had a Board quorum at special meeting. A lot of first-time participants attending the conference. Call for papers will open soon now for 2020 conference.</p>
<p>IX. New Business</p> <ul style="list-style-type: none"> A. Statewide Communications Interoperability Plan (SCIP) 2017 Draft B. Encryption Task Force Update 	<p>Bryce Tracy presented on what encryption is and things to think about preparing Board for possible action/recommendations. Will draft a flow chart to help in decision making for encryption capabilities and recommendations.</p>

	<p>Al Mellon - Radios that have encryption that are end of life have the encryption keys. Crucial to remove before sold back to dealers or traded in.</p> <p>Brad Stoddard – MSP Training Sergeants have noticed encryption impact while working with local agencies and prevented a lot of poor encryption practices. Michelle LaJoye-Young cautioned mandates. The system has overcome a lot of bad press mandating issues. Need to lean toward education and recommendations/best practices.</p>
<p>X. Technology Update</p> <p>A. MPSCS System</p> <ol style="list-style-type: none"> 1. MPSCS Lifecycle Remediation Project Status 2. Phase 4, second sub-phase 800MHz RF underway 3. MCM – radio programming and tracking package 4. County discussions: None this quarter 5. System annual maintenance – common cost and services comparison (update from September FEMA meeting) 6. Agencies – 1825; Radios – 99,145; Dispatch Centers – 81; Dispatch Consoles – 415; Computer Aided Dispatch (CAD) consoles – 59; Fire Pagers – 4,568 7. FY 20 Budget <p>B. Statewide Interoperability Coordinator (SWIC)</p> <ol style="list-style-type: none"> 1. Winter SWIC/SAFECOM meeting update <ol style="list-style-type: none"> a) Emergency Communications Governance best practices 	<p>Remediation will end Qtr. 2 2019. Kudos to MPSCS and Motorola cutover Washtenaw during Polar Vortex with no issues.</p> <p>MCM – possible demo at future meeting. Soft launch to production later this summer. Will provide user community more visibility and inventory tracking capabilities.</p> <p>County Discussions – Growth should hit 100,000 radios this quarter.</p> <p>System annual maintenance – Minnesota is hiring a consultant to help with negotiations. Our annual maintenance is approaching \$7 million with new counties joining through 2019. MPSCS is not fully funded for the increase.</p> <p>CAD upgrade migration target go live this spring.</p> <p>SAFECOM governance best practices – guidance over public safety communications and how to include 9-1-1.</p> <p>Jim Jarvis – Not every state has incorporated other aspects of communications into SCIP. They only focus on LMR. DHS looking for who is going to prioritize and merge projects for all emergency communications.</p>
<p>XI. Good of the Order</p> <p>A. Comments by Board Members</p>	<p>Lt. Col. Sands – WPS application worked well when Verizon was having an issue.</p> <p>Jim Jarvis – PTS dialer also works.</p> <p>Bryce Tracy – HB 4249 proposed to repeal multi-line telephone location ID. December 31,2019 multi-line systems must have a specific location for all phone numbers in buildings. Trying to find a compromise. Please talk with 911 directors or coordinators if concerned. Possible need for future board communications.</p>

XII. Adjournment Next Meeting: <u>Tuesday, June 11, 2019</u>	MSP Headquarters, 7150 Harris Drive, Dimondale MI at 2:00 p.m. Motioned by Michelle LaJoye-Young seconded by Greg Janik.
2019 Meeting Dates	<ul style="list-style-type: none">• June 11th• September 10th• December 10th

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Michigan's Public Safety Communications Interoperability Board

Special Meeting Minutes

February 19, 2019, 10:00 AM – 12:00 PM

Great Wolf Lodge, 3575 N. US Highway 31 S, Traverse City, MI 49684

	Notes
I. Call to Order	Vice Chair update: Governor has not yet appointed Chair yet.
II. Roll Call	The following Board Members were present: Brad Stoddard, Michelle LaJoye-Young, Greg Janik, Ken Morris, Bryce Tracy, Jon Unruh, Jen Wolf for Gary Hagler, Kevin Sehlmeier, Col. Tom Sands for Capt. Emmitt McGowan, Jerry Ellsworth, Bradley Kersten
III. Approval of Meeting Agenda	Chief Janik moved to approve the agenda. John Unruh seconded.
IV. Public Comment	
V. Communications	New brochure for Interop board. COMU WG brochure. Edits and comments to Chelsea Simon (SimonC3@michigan.gov)
VI. Workgroup Reports <ul style="list-style-type: none"> A. Communications Unit Workgroup <ul style="list-style-type: none"> 1. Workgroup Update 2. Statewide Communications Interoperability Plan (SCIP) 2017 revision 3. Encryption Task Force Update B. Public Safety Broadband Workgroup <ul style="list-style-type: none"> 1. Workgroup Update 2. Regional/National Activities/News C. Auxcomm Workgroup <ul style="list-style-type: none"> 1. Workgroup Update D. Public Alerting Workgroup <ul style="list-style-type: none"> 1. Workgroup Update E. Fire Paging Workgroup <ul style="list-style-type: none"> 1. Workgroup Update 2. Building codes recommendation 	COMU WG <ul style="list-style-type: none"> • COML and COMT training • Second COMMEX – Communications Unit training for COML and COMTs. Position Task Book sign-offs. Tested internal comms link using WebEOC/MISIMS to facilitate communications resources. • SCIP update – Strategic emergency communication plan for Michigan. Draft in March. Finalize in June. • RADO/Incident tactical dispatcher definition • Encryption interoperability • High level presentation at conference on encryption interoperability and mutual aid. Board needs to approve standard/best practices around encryption. Draft in March. Education and outreach biggest hurdle. Public Safety Broadband <ul style="list-style-type: none"> • Both carriers getting a lot of attention. Choose solution that is best for you. Focus on coverage, cost and capacity. Both Verizon and

	<p>ATT are speaking at the conference on Thursday.</p> <p>Auxcomm Work Group</p> <ul style="list-style-type: none"> • 2018 provided support to North and South Carolina hurricane. Bridge Walk. • Conducted 2 workshops for Auxcomm in 2018. • Looking at training plan for volunteers. • EMHSD is updating RACES cards. • One page hand out to Emergency Managers. <p>Public Alerting Work Group</p> <ul style="list-style-type: none"> • Blue alert implementation – law enforcement injured and suspects on the loose. SECC plan to be updated with details. • MSP Operations advised MSP Ops will be only one in the State to use the Blue Alert. • RFP for statewide emergency alert system. Three vendors responded to questions. Looking for more detail on costs. • Meet quarterly. <p>Fire Paging Workgroup</p> <ul style="list-style-type: none"> • Mitigation of loss of coverage. Amplified bases are providing additional coverage. • 350 Watt micro site under development in early 2019. • Outreaching and education through Fire Marshall and building codes. Educate people on limitations of the system. • MPSCS funding request for micro sites was rejected. Will request again next year. • Best practice document not finalized yet.
<p>VII. Technology Update</p> <p>A. MPSCS System</p> <ol style="list-style-type: none"> 1. MPSCS Lifecycle Remediation Project Status 2. Phase 4, second sub-phase 800MHz RF underway 3. MCM – radio programming and tracking package 4. OPSOC -new monitoring tool put in place following Auditor General audit of DTMB’s Microsoft Active Directory environment 5. County discussions: None this quarter 6. System annual maintenance – common cost and services 	<ul style="list-style-type: none"> • Last phase of remediation. 800 RF upgrade in SE Michigan. Washtenaw County cut over while state was shut down. Genesee scheduled for this week. Midland moved to May. 16 month planning process for cutover without impact. Still on schedule and budget. • MCM – tool being deployed to provide end users the ability to track statuses of work at the MPSCS and share files. Help locals with radio inventory and capabilities. • OPSOC – Deployed for monitoring AD. • Counties – Ongoing planning efforts. Number of communities had funding approved. Looking at loop closures on the network. • System annual maintenance – speaking with regional partners about Motorola

<p>comparison (update from September FEMA meeting)</p> <p>7. Agencies – 1808; Radios – 98,720; Dispatch Centers – 81; Dispatch Consoles – 413; Computer Aided Dispatch (CAD) consoles – 64; Fire Pagers – 4,367</p>	<p>maintenance costs. Big and small systems serve on a customer advisory board to Motorola. CAD, LMR, mobile technology, etc. First 2 meetings have been about cost of system maintenance and cyber impacts. Possible work group under the board for cyber. Push-back from 911 centers on re-booting consoles for security patches.</p> <ul style="list-style-type: none"> • Approaching 100,000 radios on the system. Average of 12.3 million calls a month. Anticipated go-live of CAD upgrade which DNR Law, MSP and U of M leverage. Wave is a mobile application that uses the MPSCS to do push-to-talks, may transition to Kodiak (not a replacement for LMR). FEMA would have liked to use Wave in Flint as out of state communications solutions. • Providing guidance to Arizona and Connecticut.
<p>VIII. Good of the Order</p> <p>A. Comments by Board Members</p>	<p>Federal Update –</p> <ul style="list-style-type: none"> • Encryption is a nationwide problem for interoperability, same discussion for LTE and applications. Vendors top priority is not interoperability. Governance is only more important with the changing technology. Watch for hidden costs with applications and LTE. Trust of who is running the applications as well as funding. • No longer OEC, now Cyber Security and Infrastructure Security. 3 sections: Cyber Security section (.gov, elections) Infrastructure Security (16 critical infrastructure) and Emergency Communications (Public safety communications). Support 56 States and territories Michigan is leading the way. • Look at all emergency comms. Think about a statewide all-inclusive emergency comms plan. All of the tools are going to be interconnected, need strategy to govern that. Want to ensure you don't end up having to re-work systems to connect them. • HSIN/WebEOC in Comms unit under NIMS looking at what changes need to be made for the LTE environment. ITSL position as well should help support the comms unit and the applications at an event.

	<ul style="list-style-type: none"> • Brad - 10 years ago the regional boards had an interop committee, but when grant money left the boards dissipated. 5-6 years Michigan tried re-engaging those regional interop committees. Need to bring those back and work with EMHSD to have the DC's educate on the board activities and importance of interoperability out in the regions. • Lt. Col. Sands of the MSP introduced himself. He will be Field Support Bureau with Harriet and McGowen and forensic labs, highway safety planning under him. • Jerry Becker – Consumer Energy migrating? No. Every other major utility is looking at it. Smaller co-ops have funding restrictions. Some wanted to leverage the state as a back-up to their back-up. Worked with FCC for a waiver for Consumers. Utility saw the benefit of the cost of the waiver for first responses to disasters. Utility workers being able to communicate with troopers. Utilities can only leverage part of the 800 spectrum. • Oakland County thanked Brad for coming out on snow day. Working through the issues has been a significant effort. • Brad Kersten – Why does the MPSCS allow encryption on the system? Bryce – early encryption was vendor driven by the radio shops. Didn't violate the MPSCS policy to have encryption. Early options had nothing to do with MPSCS. Once technology evolved the MPSCS-RPU tried to manage the interoperability but demand is exploding and creating issues that need to be discussed. Vendors didn't fully understand the implications. We can't mandate it but we can roll out guidance and hold our vendors to the standards and best practices.
IX. Adjournment Next Meeting: <u>Tuesday, March 12, 2019</u>	MSP Headquarters, 7150 Harris Drive, Dimondale MI at 2:00 p.m. Bryce Tracy motioned to adjourn. Kevin Sehlmeier seconded.
2019 Meeting Dates	<ul style="list-style-type: none"> • February 19 (Special Meeting) • March 12th • June 11th • September 10th

	• December 10 th
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Future Agenda Topics

Identification and Implementation of Best Practices (governance, policy, strategic vision, technology)

March 2019 – SCIP Overview

Michigan Public Safety Communications Interoperability Board

Meeting Minutes

December 11, 2018, 2:00 PM – 4:00 PM

MSP HQ, Centennial Room, 7150 Harris Drive, Dimondale, MI 48821

Dial In # 888-278-0296

Access Code: 8855666#

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- I. Call to Order
The meeting of the Michigan Public Safety Communications Interoperability Board was called to order by Capt. Chris Kelenske on Tuesday, December 11th at 2:00pm.
- II. Roll Call
The following Board Members were present: Chris Kelenske (for Col. Kriste Etue) Brad Stoddard, Bryce Tracy, Jerry Ellsworth (for Dr. Jacqueline Scott), Michelle LaJoye-Young, Sgt. Ron Bush, Greg Janik, Kenneth Morris, Eileen Phifer, Jen Wolf for Gary Hagler, Capt. Emmitt McGowan, Jon Unruh
Absent were: Chief Troy Stern, Kevin Sehlmeier
Guests were: Al Melon, Chelsea Simon, Jim Jarvis, Jaclyn Bancroft, Brianna Briggs
A. Welcome Brad Kersten
- III. Approval of Meeting Minutes
A. September 11, 2018
*It was moved by Michelle LaJoye-Young and seconded by John Unruh to approve the September 11, 2018 meeting minutes. **Motion was carried.***
- IV. Approval of Meeting Agenda
*It was moved by Bryce Tracy and seconded by Greg Janik to approve the December 11, 2018 meeting agenda. **Motion was carried.***
- V. Public Comment
There was no public comment.
- VI. Communications
No communications.
- VII. Workgroup Reports
A. Communications Unit Workgroup
1. Workgroup Update
AAR for the COMMEX held in September has been published.
COMT training planned for September of 2019.
COML class planned for 2019.
2. Statewide Communications Interoperability Plan (SCIP) 2017 revision
SCIP Strategy Updates have been given to OEC.
3. Encryption Task Force Update
Looking to develop a product as a standard for education and outreach on encryption. Looking to bring this to the board by the end of 2019 – beginning of 2020.
*Bryce Tracy made the motion for the COMU WG to present a document outlining an initial plan to encryption at the February special meeting. Seconded by Michelle LaJoye-Young. **Motion was carried.***

- B. Public Safety Broadband Workgroup
 - 1. Workgroup Update
 - 2. Regional/National Activities/News
Planning for Emergency Communication Center Transition
Working with AT&T, MSP, DNR, and MPSCS to conduct networking testing to obtain a comprehensive picture and documentation of the actual FirstNet network coverage.
- C. Auxcomm Workgroup
 - 1. Workgroup Update
Held a workshop in October.
Looking to have another Auxcomm workshop in 2019.
- D. Emergency Alert System (EAS) & Integrated Public Alert and Warning System (IPAWS) Workgroup
 - 1. Workgroup Update
*Rob Bush proposed changing the name from EAS & IPAWS Workgroup to Public Alerting Workgroup to focus on all aspects of public alerting. **Board supports this change.***
BLU Alert system will go live on January 18, 2019.
FEMA will soon require one message to be sent to the IPAWS lab on a monthly basis.
- E. Fire Paging Workgroup
 - 1. Workgroup Update
 - 2. Building codes recommendation
On schedule to have a test site in the lab in mid-January.
Would like a recommendation on the board after their review of a building code update.

VIII. Old Business

- A. MPSCS State Performance Audit; November 2017 – June 2018
Expecting a response in the first quarter of 2019.
- B. Michigan’s Interoperability and Training Conference February 19-22, 2019. Registration now available
Email with registration information for board members sent on 12/11.
- C. FirstNet Response Operations Program meeting

IX. New Business

- A. Department of Homeland Security, Office of Emergency Communications -> Cybersecurity and Infrastructure Security Agency (CISA) – Jim Jarvis
- B. 2019 Proposed Meeting dates: February 19, March 12, June 11, September 10, December 10

X. Technology Update - Director, MPSCS

- A. MPSCS System
 - 1. MPSCS Lifecycle Remediation Project Status
 - 2. Phase 4, second sub-phase 800MHz RF underway
 - 3. MCM – radio programming and tracking package
 - 4. OPSOC -new monitoring tool put in place following Auditor General audit of DTMB’s Microsoft Active Directory environment
 - 5. County discussions: None this quarter
 - 6. System annual maintenance – common cost and services comparison (update from September FEMA meeting)

2018 Meeting Dates: February 20, March 13, June 12, September 11, and December 11

- 7. Agencies – 1782; Radios – 97,834; Dispatch Centers – 78; Dispatch Consoles – 405; Computer Aided Dispatch (CAD) consoles – 59; Fire Pagers – 4,367

B. Statewide Interoperability Coordinator (SWIC)

- 1. Winter SWIC/SAFECOM 2018 meeting update
 - a) Cybersecurity
 - b) Emergency Communications Governance best practices
 - c) Information Sharing assessment tool

XI. Good of the Order

A. Comments by Board Members

Brad Stoddard requests that board members think about what they would like to see going forward.

XII. 2019 meeting dates

A. February 19 (Special Meeting), March 12, June 11, September 10, and December 10

XIII. Adjournment – Next meeting date is **Tuesday, February 19, 2019**

Great Wolf Lodge, 3575 North US Hwy 31 S., Traverse City, MI at 10:00 a.m.

*It was moved by Greg Janik and seconded by Ron Bush to adjourn the meeting. **Motion was carried.***

Date	Future Agenda Topics
2018	Identification and Implementation of Best Practices (governance, policy, strategic vision, technology)



STATE OF MICHIGAN

MICHIGAN PUBLIC SAFETY COMMUNICATIONS INTEROPERABILITY BOARD

LANSING

STATUS OF CURRENT ACTIONS REPORT TO THE MPSCIB – MARCH 2019 – COMU WG

Interop Board Action Items

Future: SCIP Strategy Draft for review.

Current Tacks & Projects

Ongoing - Credentialing = Collaboration with AUXCOMM and MSP-EMHSD and DTMB regarding credentialing and resource/asset typing practices.

Early 2019 Effort – AUXCOMM Database = Collaborate with AUXCOMM WG regarding tracking of verified personnel, similar to the existing COML/COMT database in CASM.

Ongoing - Technical Assistance from OEC & DTMB = development an electronic application version of the MIFOG.

100 printed MIFOGs were sold at the Interop Conference.

What's on the Horizon?

2019 Effort - Define RADO & Incident Tactical Dispatcher in the MI- Communications Unit Position Specific Recognition Guidelines.

Face-to-face meeting May 6th before the GLHS Conference.

Training and Exercises

Completed:

COMMEX – September 19-20 @ Holly (AAR On-File)

AUXCOMM Class – October 6-7 @ Manistique

Future:

COMT Class September 23-27, 2019

Auxcomm Class April 6-7, 2019 Negaunee

Auxcomm Class June 1-2, 2019 Howell

Possible comms exercise before Interop Conference February 2020



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STATUS OF CURRENT ACTIONS REPORT TO THE MPSCIB – MARCH 12, 2019
MICHIGAN'S PUBLIC SAFETY BROADBAND WORKGROUP

State and Local Implementation Grant Program (SLIGP) Initiatives

- **Planning for Emergency Communication Center Transition**

Objective – Identify the current level of technology at Public Safety Answering Points (PSAP)s, Emergency Operations Centers (EOC)s, and other emergency communications centers and develop a planning document for these facilities to identify what they would need to do to effectively integrate with FirstNet. This will be achieved through surveys, regional workshops, and direct outreach to a limited number of facilities to determine the current level of technology, and coordination with AT&T/FirstNet to identify the requirements for integration at various technical levels.

Status – Completed Phase 1 document – Assessment of Emergency Communication Center Readiness for FirstNet's NPSBN (Attached).

Next Steps – Development of the Phase 2 Transition Planning document. Meetings with AT&T Network Team and Peninsula Fiber Network (PFN) regarding network configuration, ESINet interface(s), and associated equipment for each configuration type. Also reaching out to CAD vendors to determine their plans to capture multimedia data.

- **Network Coverage Testing**

Objective – Partnering with AT&T, MSP, DNR, and MPSCS, conduct network testing to obtain a comprehensive picture and documentation of the actual FirstNet network coverage. In the event an area's coverage does not meet that which was represented as "covered" in the Initial Operational Capability phases in the FirstNet State Plan, the state will meet with AT&T to review and address the issue.

- Status – This project is behind schedule due to delays related to servers, firewall rules, change(s) in scope, and agency participation. Other options, including a cloud-hosted subscriber environment, are being considered to support local agency participation. Local agencies interested in partnering to test their areas are encouraged to contact the MiPSB Program Office for information.

Cell on Light Trucks (COLT) Deployment Process

A draft deployment process was reviewed by the MiPSB Workgroup and approved for recommendation to the MPSCIB (Attached). Requests are to be submitted through the MPSCS Network Communication Center (NCC) following the pre-established process of submitting an ICS-205 for all planned communications needs for an event. In the event of an emergency, the requesting agency can call the NCC directly.

FirstNet/AT&T and State of Michigan Executive Leadership Meeting – December 18, 2019.

AT&T presented coverage maps including commercial network towers, FirstNet funded towers, and other builds not specific to FirstNet funding:

- 2018 New Site Build – 17 sites
 - YTD completed – 14 sites
 - End of year planned – 3 sites
- 2018 LTE Overlay - 36 sites
 - YTD completed – 29
 - End of year planned – 4 sites
- 2018 FirstNet Band 14
 - YTD completed – 187 sites
 - Primarily in southeast Michigan, Kalamazoo, Grand Rapids, and along the I94 corridor.



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MICHIGAN PUBLIC SAFETY COMMUNICATIONS INTEROPERABILITY BOARD

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STATUS OF CURRENT ACTIONS REPORT TO THE MPSCIB
MARCH 12, 2019 – AUXCOMM WORKGROUP

Interop Board Action Items

New Items

Vision and Mission statements have been created for the Auxcomm Workgroup.

What's on the Horizon

Information has been gathered to update database of communications capabilities in public facilities in prep for 2019 FEMA Michigan Annex update. Information to be shared with local emergency managers during the next quarter.

Development of key MI Auxcomm training courses/materials has been assigned to workgroup members to complete.

Training and Exercises

FEMA Auxiliary Communications Workshop –scheduled April 6 & 7, 2019 in Marquette.

Region 8 Auxcomm volunteers are planning to participate in the Wisconsin statewide exercise in May 2019.



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STATUS/UPDTAE OF CUURRENT ACTIONS REPORT TO THE MPSCIB – MARCH 2019 – PUBLIC ALERTING WORKGROUP

Interop Board Action Items

Identify actions or decisions the workgroup is requiring of the board

New Items

List items for update and awareness for the boards knowledge since the last quarterly report

The Request for Information (RFI) on the statewide Emergency Alert System (EAS) was conducted in January/February, with results coming in the week of February 11. Only four responses were received from OnSolve, DLT Blackboard, Everbridge and Rave. Based on the information received, EMHSD has decided to hold off on demos until the Request for Proposal (RFP) process.

The Blue Alert implementation recommendation was provided to the SECC. The alert priority code was determined as a "1" or transmit immediately or within sixty seconds of receipt. This allows the MSP Operations Desk to utilize the new BLU code in the EAS. Further discussions were had on providing local law enforcement the ability to issue these alerts, but the determination was made based on the language of the Michigan Blue Alert Act, Public Act 167 of 2015, to keep the use of this code at the state level.

Provided an update on the Workgroup's activities at the 2019 Michigan Interoperable Communications Conference.

FEMA IPAWS Focus Group Update: The team completed the review of the Focus Group Planning Meeting report and the Training Matrix with the identified Learning Objectives for the IS-247.a (Integrated Public Alert and Warning System (IPAWS)) and IS-251 (IPAWS for Alerting Authorities) course updates. Final draft has been released with the next step to begin looking at course lesson updates.

State Emergency Communications Committee update: Attended meeting in Lansing on February 7, 2019. Discussed that a couple of Local Primary stations' have coverage issues and how to correct along with the State's natural gas alert that was issued on January 30, 2019. The National Weather Service is receiving a new Snow Squall (SQW) alert code for distribution by WEA but will not be available for EAS. They are working on getting alerts issued on MDOT message boards.

Working with MSP/EMHSD to be included in the monthly Local Emergency Management Coordinator Webinar to provide information on EAS/IPAWS.

IPAWS MOU Status Report – As of February 1, 2019, there are 49 Michigan agencies (increase of 2 from December 2018) with completed MOUs and 17 agencies with MOUs in progress with FEMA.

What's on the Horizon

Identify any work efforts, meetings, or information for upcoming activities the board should be aware of

The previously scheduled Workgroup meeting for February 21 was changed to February 28 due to the State Interoperability Conference. Additional 2019 Workgroup meeting dates; May 16, August 16 & November 21.



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Waiting for the release of the Federal Communications Commission (FCC) National EAS Plan Template so updates can begin to the State and Regional EAS Plans.

Looking forward to the FCC adopted updates for Wireless Emergency Alerts to take effect in May and July 2019. Mobile wireless carriers have updates scheduled for November 2019.

Meeting with Indiana Broadcasters to continue discussions on cross border EAS messaging. Will be template to work with other states.

Next steps for the RFP will be to finalize the requirements for the system, to include AMBER portal requirements. Once these are finalized and reviewed by appropriate personnel, the RFP process will be initiated with our purchasing liaisons.

Training and Exercises

Identify any training or exercises the workgroup has or will be participating in

Local EM programs continue to train on the use of IPAWS and originate test messages and live RWT alerts.



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STATUS OF CURRENT ACTIONS REPORT TO THE MPSCIB
DECEMBER 2018 – FIRE PAGING

Interop Board Action Items

None at this time

New Items

Have met twice as a workgroup in this period

Identifying lessons learned/best practices

Micro Site Technology Update – Estimate 90 days to lab test 7/800 version at MPSCS – delayed by federal shutdown

Building Code Updates – **Recommendation from board needed**

New pager firmware released. V1.10 very good feedback from field. Now testing V1.20

New counties testing – New agencies migrating Benzie and Jackson next up.

What's on the Horizon

Next meeting informal at Interop

Development of dealer standards to assure some level of consistency

How to request network coverage maps (signal level guidelines)

- Identify building types (1 – 5) and create a survey to help establish coverage expectations
- Some sample buildings 25 to 35 dB loss = 99.6% to 99.98% signal loss

Script out logical testing criteria and check lists (prelaunch)

Write white paper / road map for interested agencies to consider

Building Code guidance for new MPSCS Member Agencies

CAD text paging Beta test 60 – 90 days out

Training and Exercises

Discussing a brief test for firefighters to pass before getting a pager

Dealers should be required to provide the training



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LANSING

Micro-Site Update

- **Unication has tested Micro-Site Deployment strategy:**
 - o Real world high building losses force some design attributes. (99.98% signal loss.)
 - Unication changed design to 250 watt transmit power as compared to MPSCS site transmitters that are 100 watt only
 - Locate Micro Site Near (1/2 mile) Problem Area / Buildings
 - Locate at a public building fire station / city hall with backup emergency power accessible to department relying on device
 - Antennas to be low to focus signal horizontally into side windows and doors in problem area – not to come in from above as MPSCS 400 foot towers.
 - Micro-Site status will not be monitored by NCC. Micro-Site must transmit status errors to department pagers. Lost line power, antenna problems, backup battery low, etc. Local agency will be responsible for repair.
 - o Unication building 7/800 version micro-site for MPSCS lab testing mid-May
- **Real world limits:**
 - o Finite number of radio spectrum channels available for each area
 - May have to use other than 7/800 MHz in some locations
 - o The Micro-Site is a Reactive solution to mitigate existing buildings.
 - o Proactive solution is to strongly encourage local agencies to support public safety radio need in building codes / fire inspections