

Michigan Public Safety Communications Interoperability Board Meeting Agenda

December 12, 2017, 2:00 p.m. – 4:00 p.m.

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

Dial In # 888-278-0296

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I. Call to Order

A. Welcome – Board Chair Colonel Etue

II. Roll Call

A. Welcome members

III. Approval of Meeting Minutes

A. September 12, 2017 meeting

IV. Approval of Meeting Agenda

V. Public Comment

Open the floor for any public comment

VI. Communications

Senate Bill 400 (SB400) "Emergency 9-1-1 service enabling act" to Senator Jones and Senator Nofs.

VII. Workgroup Reports

A. Communications Unit Workgroup

1. Workgroup Update
2. Statewide Communications Interoperability Plan (SCIP) 2017 revision

B. Public Safety Broadband Workgroup

1. Workgroup Update
2. Regional/National Activities/News
3. SCIP Items

C. Auxcomm Workgroup

1. Workgroup Update
2. SCIP Items

D. Emergency Alert System (EAS) & Integrated Public Alert and Warning System (IPAWS) Workgroup

1. Workgroup Update
2. SCIP Items

VIII. Old Business



Michigan Public Safety Communications Interoperability Board

Meeting Agenda

December 12, 2017, 2:00 p.m. – 4:00 p.m.

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

- A. Department of Homeland Security, Office of Emergency Communications
 - 1. SAFECOM nationwide survey, Nationwide Communications Baseline Assessment
<https://www.dhs.gov/safecome/sns>
 - B. FirstNet informational, workgroup efforts and State Plan activities – communications from Board
- IX. New Business
- A. Department of Homeland Security, Office of Emergency Communications & FEMA Update
 - B. Presentation – Verizon’s Public Safety Solution
- X. Technology Update: Director, MPSCS
- A. MPSCS System
 - 1. MPSCS Lifecycle Remediation Project Status
 - a) *Phase 4 Underway & pre-planning later sub-Phase 4 efforts in Phase 4 – South East Michigan. A lot of simulcast systems and most populated area of the State.*
 - 2. 800 MHz Pager adoption
 - a) 2187 Pagers on system – added 724 in last quarter, 111 agencies live – added 66 in last quarter, 9 agencies testing, 99 agencies pending
 - 3. Counties/Agencies meeting with/discussion of joining MPSCS
 - a) None in last quarter
 - b) Eaton County is newest in-progress county
- XI. Good of the Order
- A. Comments by the Board Members
- XII. Meeting dates
- A. Proposed 2018 Dates – March 13, June 12, September 11, and December 11
- XIII. Adjournment – Next meeting date is proposed for **Tuesday, March 13, 2018, Michigan State Police HQ, Centennial Room, 7150 Harris Drive, Dimondale, MI at 2:00 p.m.**

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



Michigan Public Safety Communications Interoperability Board

Meeting Minutes

September 12, 2017, 2:00 p.m. – 4:00 p.m.
MSP HQ, Centennial Room, 7150 Harris Drive, Dimondale, MI 48821

- I. Call to Order
 - A. Welcome – Board Chair Colonel Etue
The meeting of the Michigan Public Safety Communications Interoperability Board was called to order by Co-Chair Bradley Stoddard on Tuesday, September 12th at 2:01pm.

- II. Roll Call
 - A. Welcome members
The following Board Members were present: Captain Chris Kelenske, Brad Stoddard, Kenneth Morris, Bryce Tracy, Jerry Ellsworth (for Dr. Jacqueline Scott), Michelle LaJoye-Young, Chief Troy Stern, Chief Adam Carroll, Jeromie Golab (phone), Eileen Phifer, Kevin Sehlmeier, Chief Gary Hagler, new board member: Sgt. Ron Bush
Absent were: Col. Kriste Etue, Greg Janik, Eddie Washington
Guests were: Pam Matelski, Jim Jarvis, Kate Jannereth, John McDonough, Dominique Clemente

- III. Approval of Meeting Minutes
 - A. March 14, 2017 meeting
*It was moved by Michelle LaJoye-Young and seconded by Captain Kelenske to approve the June 20, 2017 meeting minutes. **Motion was carried.***

- IV. Approval of Meeting Agenda
*It was moved by Troy Stern and seconded by Michelle LaJoye-Young to approve the September 12, 2017 agenda. **Motion was carried.***

- V. Public Comment
There was no public comment.

- VI. Communications
Board has issued no communications. – Need to send support letter for NextGen 911 funding.

- VII. Workgroup Reports
 - A. Communications Unit Workgroup
 1. Workgroup Update– *provided report*
 - *Working through Continuing Education Credits. Plan to present to the Board in the future for approval.*
 - *Credentialing is being reviewed with EMHSD and Auxcomm. A lot of local support for this effort in order to ID credentialed assets.*
 - *MIFOG – user friendly mobile device application coming soon.*
 - *Working on Communication Asset typing with EMHSD – Site on Wheels, radio caches, etc. Import into MICIMS. Brad thanked EMHSD for support with asset typing.*
 - *Two COML classes and one COMT class scheduled. 30 people through statewide recognition plus 9 today.*
 - *Requesting Auxcomm training this fall.*
 - *Captain Kelenske asked if we could incorporate COML/COMT into exercises – yes.*
 2. Statewide Communications Interoperability Plan (SCIP) 2017 revision
 - *Face-to-face meeting discussed this September 11th.*
 3. COML/COMT Vetting
 - *It was moved by Eileen Phifer and seconded by Captain Kelenske to approve the September vetted COML/COMT list. **Motion was carried.***

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Meeting Minutes

September 12, 2017, 2:00 p.m. – 4:00 p.m.

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

- B. Public Safety Broadband Workgroup
1. Workgroup Update – Michigan opt-in decision August 3, 2017– *Gave presentation*
 2. Program Update
 3. Regional/National Activities/News
 4. SCIP Items
- C. Auxcomm Workgroup
1. Workgroup Update– provided report
 - *Experimenting with after action reports (AAR).*
 - *The Statewide Exercise provided an opportunity for narrowband messaging for resource requests.*
 - *Auxcomm having an exercise at the end of September.*
 - *Seven members deployed to midland for several days.*
 - *23 members participated in the Mackinac Bridge Walk.*
 - *National ARES are making changes – EMHSD reviewing.*
 - *Brad requested moving meetings from the evening to working hours for greater participation.*
- D. Emergency Alert System (EAS) & Integrated Public Alert and Warning System (IPAWS) Workgroup
1. Workgroup Update – provided report
 - *30 Counties are IPAWS compliant – need to train dispatchers and establish funding.*
 - *Work group is meeting with regional boards on IPAWS.*

VIII. Old Business

- A. Department of Homeland Security, Office of Emergency Communications
1. SAFECOM nationwide survey, Nationwide Communications Baseline Assessment
<https://www.dhs.gov/safecome/sns>
No release date. 420 agencies in Michigan getting the survey. Requested the board to help coordinate. 38 questions online taking on average 30 minutes to complete.
- B. FirstNet informational, workgroup efforts and State Plan activities – *Pam is completing this with a FirstNet video.*

IX. New Business

- A. Department of Homeland Security, Office of Emergency Communications * FEMA Update
- *Policy academy's occurring regionally.*
 - *Communications Unit 2.0 with expanding COML/COMT role and how the unit operates.*
 - *NIFOG Review – cross border capabilities.*
 - *FY 2018 Technical Assistance requests needed. Board supports:*
 - *COML in March 2018*
 - *COMT Spring 2018*
 - *COMMEX September 2018*
 - *Auxcomm*
 - *LTE Test Equipment*

Michigan Public Safety Communications Interoperability Board

Meeting Minutes

September 12, 2017, 2:00 p.m. – 4:00 p.m.

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

- X. **Technology Update:** Director, MPSCS
- A. MPSCS System
1. MPSCS Lifecycle Remediation Project Status
 - a) Phase 3 completion 4th quarter 2017.
 - b) Phase 4 pre-planning – *South East Michigan. Majority of subsystems are simulcast and it is the most populated area of the State. Activity to start Fall 2017 and transition Spring of 2018 and Spring 2019.*
 2. 800 MHz Pager adoption
 - a) 2187 Pagers on system – added 724 in last quarter, 111 agencies live – added 66 in last quarter, 9 agencies testing, 99 agencies pending
 - b) Recent article from St. Clair regarding MPSCS Pager issues
http://www.thetimesherald.com/story/news/local/marine-city/2017/05/24/new/341705001/?utm_source=dlvr.it&utm_medium=twitter
The issue was coverage, not pager technology. Site in a box (mini site) may help provide coverage MPSCS working with Motorola to develop. Captain Kelenske mentioned there was talk of paging issues in Leelanau County, will send contact to Brad Stoddard.
 - c) LED strobes are new technologies that have reduced energy costs and working with the vendor we ensured they were able to be seen with night vision.
 3. Counties/Agencies meeting with/discussion of joining MPSCS
 - a) Benzie County
 - b) Lenawee County
- XI. Good of the Order
- A. Comments by the Board Members
- Ron Bush provided a kudos to the MPSCS and their extra effort. Kevin Sehlmeier commented his tour of the MPSCS opened his eyes to the operations.*
- XII. Meeting dates
- A. 2018 Dates –
- XIII. Adjournment – Next meeting date is proposed for **Tuesday, December 12, 2017**, Michigan State Police HQ, Centennial Room, 7150 Harris Drive, Dimondale, MI at 2:00 p.m.
It was moved by Bryce Tracy, seconded by Michelle LaJoye-Young to adjourn the meeting.

Date	Future Agenda Topics
TBD	Review and recommendation to the Governor on the State Plan for FirstNet (Opt-In/Opt-Out)
TBD	Identification and Implementation of Best Practices (governance, policy, strategic vision, technology)



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STATUS/UPDTAE OF CURENT ACTIONS REPORT TO THE MPSCIB – NOVEMBER 2017 – EMERGENCY ALERT SYSTEM (EAS) & INTEGRATED PUBLIC ALERT AND WARNING SYSTEM (IPAWS) 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 workgroup will meet every other month, or as needed in between, on the 4th Thursday of the month. The last meeting was held on October 26. The next meeting is scheduled for December 28.

As of November 30, all focus group meetings for the Emergency Alert System (EAS) Lean Process Improvement (LPI) have been conducted to gain feedback from the various stakeholders and users of the system in the districts.

Strategic Plan – The group provided recommendations relating to EAS/IPAWS for inclusion in the SCIP. The strategy will be 24-36 months and will provide clear strategic goals and objectives.

Presented information on the State EAS/IPAWS workgroup at the MEMA conference in October. The presentation included a live demonstration of issuing an alert message to the FEMA JITC lab. Provided EAS plan and IPAWS MOA templates as examples.

Provided information on Michigan's EAS/IPAWS program at the FEMA Region V REP Training and Exercise Planning Workshop in Chicago in November. Representatives from all Region 5 States attended. Discussed concern of cross-border EAS messaging and the need to address this issue.

Created a video presentation for the FEMA JITC lab's presentation at the IAEM conference in California on Berrien County's use of the lab for the 2017 DC Cook REP exercise.

What's on the Horizon

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

The LPI workgroup will meet the week of January 22-26 to develop recommendations for the statewide EAS. As sponsors of the project, Capt. Kelenske, Insp. Bush, and Ms. Kuzera will be provided a recommendation by the team leader on Friday, January 26. Invitations for this workgroup will go out shortly to the key stakeholders at the state level.

Regional Reports – Going forward, prior to all meetings, regional representatives will be asked to provide an update on EAS/IPAWS discussions at the regional level. A template will be developed for reporting.

Begin discussions with Indiana, Ohio, and Wisconsin on how to address cross-border EAS/IPAWS concerns.

Provide information and a status report on the State EAS/IPAWS workgroup at the Statewide Interoperable Communications Conference in February 2018.

Working with the FEMA JITC lab on a presentation for the 2018 NREP conference in Washington.



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Continuing to work on a presentation for public officials on EAS/IPAWS to help explain the purpose and usefulness of IPAWS with the goal of increasing the number of agencies having access to and using the system.

Training and Exercises

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

No updates



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STATUS OF CURRENT ACTIONS REPORT TO THE MPSCIB – DECEMBER 12, 2017 MICHIGAN'S PUBLIC SAFETY BROADBAND WORKGROUP

Interop Board Action Items

n/a

New Items

NASPO Contract for FirstNet Services

FirstNet/AT&T has established contract rates under the NASPO Contract and a contract change notice has been executed for a discounted rate structure. Plans include voice only, data only, voice and data, and devices. Rates are ~10% below national rates (i.e. unlimited data \$34.99/mth, unlimited voice and data \$39.99/mth). Local agencies can purchase through MiDeal.

Verizon Public Safety Offering

The MiPSB Executive Group met with Mr. Mike Wojcik, VP Public Safety Solutions, on October 23, 2017. On December 13, 2017, Verizon will be hosting a public safety event to demonstrate their technologies supporting public safety, mobile network assets, and tour of the Switch Facility in Southfield.

Mr. David DeVries named as State Point of Contact (SPOC)

Mr. David DeVries replaced Mr. David Behen as DTMB Director and State CIO on August 30, 2017, and has been appointed by Gov. Snyder to replace Behen as SPOC for Michigan.

What's on the Horizon

State and Local Implementation Grant Program (SLIGP) – Round 2

DTMB and MSP will partner to apply for the second round of SLIGP funding. SLIGP 2 is a formula based grant, and Michigan has been allocated up to \$1.5M (\$1.2M grant / \$300K match) in support of MiPSB program operations. Key initiatives planned for the two year performance period include: Oversight of Michigan's public safety broadband program and ongoing coordination with FirstNet; FirstNet/PSAP integration; development of policies and agreements; identifying and documenting on-going coverage needs/gaps within the state.

Education and outreach activities, unless requested by FirstNet, are not allowable expenses under SLIGP 2.

Statewide Communications Interoperability Plan

The MiPSB Workgroup has established a Task Team to develop the broadband component of the SCIP pending direction on an established common format from the MPSCIB.

QPP Task Team

The QPP Task Team's final recommendations were presented to the MiPSB Workgroup on December 12, 2017.

- The team should be comprised of a diverse cross section of primary and extended public safety representatives. Given the scope of the team's mission, the ideal team would consist of 15 members, with 12 members representing the primary public safety disciplines of Fire, Police, EMS, Emergency Management, and Public Safety Answering Points; and 3 members representing
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extended public safety entities such as Transportation, Probation/Parole, Corrections, Public Utilities, Public Works, etc. The primary public safety representatives should represent all 5 primary public safety entities at all levels of government (state, county, local), and should hail from urban, suburban, and rural areas of the state.

- The establishment of static priority levels for network access is critical to ensuring not every agency assigns all of their devices to the highest static level. The Task Team will work with stakeholders and AT&T to develop static priority templates based on a user's role. Role-based templates will be much more effective than rank-based due to the varying rank structures which can occur within different agencies. In addition to the assignment of static priorities based on user roles, the Task Team will also have to examine the issue of assigning priority levels to devices, such as cameras and other connected devices. The same process will also need conducted for applications as they come onto the network.
 - One of the most important functions of network management will be to ensure the network remains dedicated to public safety, and only those that have a public safety role are able to have a device on the network which is provisioned to access the public safety features.
 - There will be 2 dedicated cell on light truck (COLT) deployable assets assigned within the state of Michigan. The Task Team will work with FirstNet/AT&T to determine the most logical staging locations for these assets within the state. Agencies wishing to utilize these assets shall submit their request to the Michigan State Police, Emergency Management and Homeland Security Division (EMHSD).
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Training and Exercises

MiPSB Broadband Forums

The MiPSB program hosted a series of informational forums across the state, providing background on the NPSBN, the MiPSB program, FirstNet's coverage objectives, and vendor demonstrations of emerging technologies.

- October 17, 2017 – L'Anse* (2)
- October 19, 2017 – St. Ignace* (3)
- October 24, 2017 – Gaylord (27)
- October 25, 2017 – Bay City (20)
- November 28, 2017 – Dimondale (75)
- November 29, 2017 – Kalamazoo (50)
- December 5, 2017 – Novi (98)

* Due to low registration, the Upper Peninsula events were held as a webinar

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STATUS OF CURRENT ACTIONS REPORT TO THE MPSCIB
NOV 2017 - AUXCOMM WORKING GROUP

Interop Board Action Items

New Items

SEC is concerned that ARES members don't totally "get" ICS, and this is a problem. This is actually a problem beyond volunteer radio, but our focus is Auxcomm so that is what we will address.

Repeater survey will be delayed pending availability of some new MI-CIMS boards under development.

Working group is holding some calls during working hours to attract more members of served partner agencies. November call was especially productive.

Completed after action report for annual SET. Available on request.

New DEC District 1.

Region 5 Auxcomm holding twice a month on-the-air meetings in addition to the monthly conference call (5.3715 MHz, 1600 Eastern, 2nd and 4th Sunday). Has decided on an HF marshalling frequency (60 meters channel 4), as well as set up a region wide DMR talk group (R5AUXCOMM, 31673) and selected a D-STAR reflector (REF024A) to use until a dedicated reflector can be established.

What's on the Horizon

Repeater power resiliency survey out to the counties during first quarter pending completion of MI-CIMS board to support the survey.

SEC will be providing counties with hand-fillable versions of key forms. In the event of loss of infrastructure, MI-CIMS won't be available outside the SEOC, but much time and effort can be saved if counties can send exactly the right information. Having forms that match the "official" versions available on paper could be critical.

Training and Exercises

First Auxcomm focused MI-CIMS training held.

First in-state Auxcomm class - thanks COMU. Another scheduled for January.

Focusing on effectively transmitting a few key documents - MI-CIMS Resource Request, ICS-205A, ICS-201, ICS-202 and ICS-208. It was determined that in a very bad situation, these would be the most critical to be transmitted over radio. Statewide 2017 pointed out that these could be successfully transmitted by voice with proper training. A video was prepared and sent to the counties to train their members, and the annual SET focused on forms over radiotelephone. The after action report is available on request.

SET results were encouraging but more work is needed. A tabletop will be held at Interop to further cement these procedures, and a re-run of the exercise will be held in April to give counties a measure of their improvements.

An additional training video is under development and more are planned. YouTube videos seem to be an effective way to get a message out to the participants, especially younger people.

Participated in EarthEx, BlackSky.

Training and Exercise Planning Workshop was particularly productive from our perspective. Communications is critical in almost every key capability. Planning and relationship building are areas where Auxcomm needs considerable work.



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STATUS OF CURRENT ACTIONS REPORT TO THE MPSCIB – DECEMBER 2017 – COMU WG

Interop Board Action Items

Today: Submittal of COMU WG approved COML's and COMT's applications - See attachment.

Today: New format of MIFOG published, posted on COMU WG page online.

Ongoing/Pending: Collection of Strategic Goals for MI - SCIP update. Will provide a report to SWIC and Interop Board for next meeting.

Current/New WG Task Items

Future: MIFOG App Development (for field reference access)

Future: COML/COMT Instructor Requirements – Prerequisites, training, vetting

Future: Selection of standardized templates for After Action Reporting best practice for Communications.

Future: Credentialing / Asset Typing process for COML/COMT/AUXCOMM. (collaboration meeting to be scheduled between MSP-EMHSD, AUXCOMM, COMU-WG)

Future: Finalizing CEU's, renewal process for recognized COML/COMT personnel (outline of parameters being defined)

What's on the horizon?

Continue MI COMU WG education and outreach efforts.

Next meeting: January 31, 2018 (Conference Call)

COMU WG Update for 2018 Interoperability Conference

Training and Exercises

Completed:

October 28-29 AUXCOMM class in Muskegon. (28 participants)

Future:

AUXCOMM Class – January 20-21, 2018 Troy Fire (Region 2)

2018 Michigan Statewide Interoperable Communications Training Conference



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COML Class – March 19-23 location TBD (trying for SE regions)

PLANNING TEAM in place for MI-COMMEX 2 to take place in September 2018.



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COML/COMT VETTING – SEPTEMBER 2017

Patrick McBride	COML	Kent County Sheriff's Office
Richard Winters	COMT	MPSCS



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September 20, 2017

Chair of the Michigan Senate Energy & Technology Committee
Senator Mike Nofs
P.O. Box 30036
Lansing, MI 48909-7536

Re: Senate Bill 400 (SB400) "Emergency 9-1-1 service enabling act"

Dear Senator Nofs,

The Michigan Public Safety Communications Interoperability Board collaborates with Michigan's various public safety radio systems and telecommunications networks, to better help provide and promote statewide communications interoperability across all platforms. It also adopts procedures and best practices to help oversee the organization and operations of Public Safety Communications throughout Michigan. The Board is responsible for advising the Governor on all interoperability aspects of current and future technology in the state to ensure the public safety community is well prepared today and in the future with the emergency communications ecosystem.

As you know a vital part of that emergency communications ecosystem is a reliable and redundant 9-1-1 system and the various related technologies that allow a citizen to call, text or otherwise contact a 9-1-1 Center/PSAP when help is needed. In discussion and collaboration with our many partners and workgroups in the communications realm, we are also aware that the current 9-1-1 funding model will no longer continue to support 9-1-1 services and or the transfer to Next Generation 9-1-1 (NG911) networks and technologies. As such, we strongly support Senate Bill 400 because it will establish a stable and fair funding model for 9-1-1 services, at the local level and statewide level. Approval of this legislation will also further fund and help drive the implementation for critical updates for current 9-1-1 systems to elevate their system to an NG911 network level. We urge you to support our 9-1-1 system and programs across the state of Michigan by voting in favor of SB400.

Sincerely,

Col. Kriste Kibbey Etue, Chair
Director, Michigan State Police

Mr. Bradley A. Stoddard, Vice-Chair
Statewide Interoperability Coordinator
Michigan's Public Safety Communications System
Department of Technology, Management & Budget