



# **METROPOLITAN EMERGENCY SERVICES BOARD 9-1-1 TECHNICAL OPERATIONS COMMITTEE AGENDA**

April 15, 2021 10:00 a.m.

[WebEx Meeting Link](#)

(408) 418-9388

Meeting Access Code: 182 739 4648

Passcode: 9119

- 1. Call to Order**
- 2. Approval of Agenda**
- 3. Approval of Minutes – February 18, 2021 Meeting**
- 4. Action Items**
  - A. Election of Committee Chair
- 5. Discussion Items**
  - A. Regional Workload Sharing / Situational Awareness Planning WG
  - B. Regional Strategic Planning Meetings (2/22, 3/8, 3/15)
  - C. Pandemic Response (Jan. Report Attached)
    1. Metro PSAP Consolidation Planning
    2. PSAP Consolidation Plan System Evaluation Team
  - D. Telecommunicator Resiliency Training
  - E. T-CPR Training Grant Requests
  - F. System Outage Notifications
  - G. Mental Health Call Processing Standard
  - H. Legislation Update
  - I. T-Mobile Location Based Routing
  - J. PSAP ESInet Connection Design and Funding
  - K. Event and Exercise Communications Planning Standard Feedback
- 6. Reports**
  - A. PSAP Operations Round Table Work Group
  - B. SECB NG9-1-1 Committee Report
  - C. 9-1-1 Network Report (Attached)
  - D. 9-1-1 Data Report (Attached)
- 7. Announcements**
- 8. Adjourn**

# Metropolitan Emergency Services Board

## 9-1-1 Technical Operations Committee February 18, 2021 Draft Meeting Minutes Meeting Held via WebEx

### Members Present

Allina EMS	Victoria Vadnais	MAC/Airport	Heidi Hieserich
Anoka County	Val Sprynczynatyk	Metro Transit PD	Bill Anderson
Bloomington PD	Jim Scanlon	Minneapolis	LaVae Robinson
Carver County	Susan Bowler	North Memorial	Melissa Carpenter
Chisago County	<b>Absent</b>	Ridgeview EMS	<b>Absent</b>
Dakota County	Cheryl Pritzlaff	Ramsey County	Nancie Pass
Eden Prairie PD	<b>Absent</b>	Scott County	Scott Haas
Edina PD	Janelle Harris	Sherburne County	Linda Anderson
Hennepin County	Tony Martin	St. Louis Park PD	Greg Weigel
Hennepin EMS	Wade Johnson	University of Minnesota PD	<b>Absent</b>
Isanti County	Bob Dowd	Washington County	Dar Pankonie

**Guests:** Matthew Hoffer, Lumen; Kari Morrissey, Anoka County; Jonathan Rasch, RCECC; Vic Barnett, RCECC; Dawn Kenyon, Hennepin County; Dave Sehnert, RapidSOS

**MESB Staff:** Marcia Broman, Pete Eggimann, Jill Rohret, Martha Ziese

### 1. Call to Order

Heidi Hieserich (9-1-1 TOC Chair) called the meeting to order at 10:00 AM.

### 2. Approval of Agenda

*M/S/C Motion made by Cheryl Pritzlaff to approve the agenda for February 18, 2021. Nancie Pass seconded. Motion carried.*

### Roll Call for Approval of Agenda

Agency	Member	Yes	No
Allina EMS	Vadnais	X	
Anoka County	Sprynczynatyk	X	
Bloomington PD	Scanlon	X	
Carver County	Bowler	X	
Chisago County	Absent		
Dakota County	Pritzlaff	X	
Eden Prairie PD	Absent		
Edina PD	Harris	X	
Hennepin County	Martin	X	
Hennepin EMS	Johnson	X	
Isanti County	Dowd	X	
MAC/Airport	Hieserich	X	
Metro Transit	Anderson	X	
Minneapolis	Robinson	X	

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North Memorial	Carpenter	X	
Ramsey County	Pass	X	
Ridgeview EMS	Absent		
Scott County	Haas	X	
Sherburne County	Anderson	X	
St. Louis Park PD	Weigel	X	
U of M PD	Absent		
Washington County	Absent		

**Yea:17 Nay: 0 Motion passed**

### 3. Approval of Minutes

Tony Martin asked that the minutes from January 18, 2021 minutes be amended to add the word Mental before Health under 7.E. Call Processing Standard.

*Motion made by Martin to approve the corrected minutes from January 18, 2021. Sprynczynatyk seconded. Motion carried.*

### Roll Call for Approval of Minutes

Agency	Member	Yes	No
Allina EMS	Vadnais	X	
Anoka County	Sprynczynatyk	X	
Bloomington PD	Scanlon	X	
Carver County	Bowler	X	
Chisago County	Absent		
Dakota County	Pritzlaff	X	
Eden Prairie PD	Absent		
Edina PD	Harris	X	
Hennepin County	Martin	X	
Hennepin EMS	Johnson	X	
Isanti County	Dowd	X	
MAC/Airport	Hieserich	X	
Metro Transit	Anderson	X	
Minneapolis	Robinson	X	
North Memorial	Carpenter	X	
Ramsey County	Pass	X	
Ridgeview EMS	Absent		
Scott County	Haas	X	
Sherburne County	Anderson	X	
St. Louis Park PD	Weigel	X	
U of M PD	Absent		
Washington County	Absent		

**Yea: 17 Nay: 0 Motion passed**

### 4. Action Items – None

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## **5. Discussion Items**

### **A. Regional Workload Sharing/Situational Awareness Planning**

Jon Rasch reported that the workgroup had begun meeting. There has been some discussion about dividing the workgroup into smaller subgroups that could focus on specific aspects of the project, such as funding, governance, etc. Rasch said defining what the goals are is important to setting up the subgroups. Some discussions involved workload sharing options to improve response in a call overload environment. Other discussions focused on large, multi-jurisdiction events. Hieserich suggested a look back at Winbourne's report and pointed out that on pages 19 and 20 there are bullet points that list system requirements that form the basis for Winbourne's recommendation. Pete Eggimann offered to send the Winbourne study to the committee members so they could review what the workgroup was using.

### **B. Regional Strategic Planning Meetings (2/22, 3/8, 3/15)**

Eggimann said that the meetings have been scheduled and the interested parties should have received WebEx invitations.

### **C. Pandemic Response**

Hieserich said there was a written status update for the committee from Mike Mihelich in the meeting packet. Eggimann said that RapidDeploy is still scheduled to do their major release software upgrade on February 22, 2021. If that happens, there will be a tabletop exercise at 10:00 AM on February 26, 2021. The exercise will test the upgrades RapidDeploy has completed and hopefully the stability and latency issues will have been resolved. The team is hoping to have 40-50 participants logged into the system for that exercise.

Eggimann said if the tabletop exercises are successful; there will be a second round involving the operations floor of each participant and PSAPs to ensure system compatibility. A third round would be Train-the-Trainer sessions. Dawn Kenyon reported that Rapid Deploy has just asked to push back the tabletop exercises into March to give them more time to implement and test the software upgrade.

### **D. Telecommunicator Resiliency Program RFP**

Eggimann reported the only vendor response to the RFP was received from Moetivations, a Colorado-based company that specializes in 9-1-1 staff support and training. The MESB staff have been working with Moetivations and adjustments have been made to their proposal to better align with the grant requirements and timing. The amended contract should be signed this week or next.

### **E. T-CPR Training Grant Requests**

Eggimann reported the MESB has received the information needed for the grant application from 13 PSAPs. The deadline for the grant application is February 26, 2021; but information from all the metro PSAPs needs to be received by the MESB by February 24 to allow time to transfer the information onto the grant application form and send it to ECN.

### **F. System Outages Notification**

Martin said the workgroup continues to meet weekly. A definitions page and a Text-to-9-1-1 page have now been added to the draft document. Martin reported that he had met with Lumen and talked to them about the workgroup members expectations. Lumen said they would review their internal procedures and look at what resources they may have available to work with the notification process outlined in the draft document.

### **G. Mental Health Call Processing Standard**

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Hieserich told the committee that she wanted this issue to remain as an agenda item. Kari Morrissey and the PSAP Roundtable has agreed to work on developing this standard. Hieserich said that Hennepin County is making progress on the 9-1-1 Imbedded Social Work program. Martin said there is a new Hennepin County PSAP social worker that will be focusing on the job and career at the PSAP.

### **H. Telecommunicator Reclassification and Licensing Legislation**

Dar Pankonie said the Senate passed the bill (SF 565) out of committee yesterday, but no action has been taken on the companion bill in the House (HF 515). Pankonie will try to provide updates as the bills are scheduled for additional hearings and votes.

### **I. T-Mobile Location Based Routing**

Marcia Broman reported to the committee that T-Mobile is implementing a platform to test location-based routing using the handset location of the caller. Four metro PSAPs are participating in the pilot. T-Mobile recommended beginning with an audit of the current sector-based routing data. The T-Mobile routing records will be compared with the MESB's records. Once that reconciliation is complete, the call routing will be transitioned over to handset location-based routing. A comparison can then be made on routing accuracy and the impact on call transfers between PSAPs. The expectation is that routing accuracy to the correct PSAP for the caller's location will improve and fewer calls will need to be transferred between the PSAPs.

## **6. Reports**

### **A. PSAP Operations Round Table Workgroup**

Morrissey said the first meeting of the mental health call processing standard development workgroup has been held. Workgroup members from Carver, Dakota and Minneapolis have volunteered to participate.

### **B. SECB NG9-1-1 Committee Report**

Pankonie reported that the T-CPR grant process and training resources are all in place now and PSAPs should be able to move forward as soon as their grant applications are approved. Pankonie suggested that if the committee members have any questions about the T-CPR requirements or training they were welcome to contact her. Victoria Vadnais asked for clarification that secondary PSAPs did not need to respond to the compliance and training survey? Pankonie said it was her understanding that all the metro PSAPs should respond with their compliance and training need information. That information would be combined in the regional grant application and would show each PSAP's current or intended method of compliance, as well as the training needs to bring all of their staff members into compliance with the required training. Pankonie added that she thought there would be plenty of grant funds available for the training for all the PSAPs.

Tony Martin asked if the Attorney General has responded to the T-CPR compliance questions that had been submitted to that office. Pankonie said the AG responded that if a PSAP currently had a medical director; then that medical director would need to approve the training method chosen by the PSAP. There is nothing in the statute that said the PSAP had to get a medical director.

Val Sprynczynatyk asked what the training protocol was for PSAPs like Anoka that transfers all their medical calls to Allina. Pankonie said the AG made it clear that every telecommunicator needs training. Scott Haas confirmed with Pankonie that just the recognition training was required if medical calls were all transferred for pre-arrival instruction.

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Pankonie said that Virtual Academy supplies the recognition training and can offer further CPR training. Priority Dispatch offers only recognition training. Power Phone has the recognition and the protocols. Haas asked if there were long term training opportunities or just a one and done? Pankonie said funding for continued training is being discussed. The current certification is good for two years.

Pankonie said the COVID vaccinations for 9-1-1 personnel issue was discussed. MDH follows vaccination guidelines from the CDC. There is no clear definition in those guidelines that defines front-line 9-1-1 personnel. It is believed it is the intent of local and state officials to include 9-1-1 personnel with EMS and Firefighters.

Robin Carter reported that the U of M PSAP employees have all been vaccinated. Laura Anderson reported that all the Sherburne Co. PSAP personnel have been vaccinated too and were included in the initial plan. Pankonie said about 50% of the people who have been vaccinated are getting headaches.

### **C. 9-1-1 Network Report**

(written report included in the meeting packet) Eggimann highlighted a couple of items from the attached report and indicated that a significant amount of time is being spent working with ECN on the implementation of the Inteliquent ingress contract and working on the RFP for core services and egress network.

Eggimann also reported that work continues with Scott and Washington counties on their 9-1-1 answering application upgrades and the changes that will need to be made to the ESInet connections to support the upgrade configurations.

Eggimann said it was his understanding that the firewall project has stopped.

### **D. 9-1-1 Data Report**

(written report included in the meeting packet) Broman said the MESB is waiting for Lumen and Intrado to confirm that they have built the revision to the ALI format that would include the z-axis transmission to the PSAP. Jake Jacobson is to prepare a transition plan and coordinate with the MESB PSAPs to migrate to the new format.

Broman said some of the GIS persons are attending a workshop sponsored by ECN today. A recording of that workshop will be made available

## **7. Announcements**

Martin thanked those that acknowledged the passing of one of Hennepin County's telecommunicators.

**Adjourn at 11:50**



## **METROPOLITAN EMERGENCY SERVICES BOARD**

**Meeting Date:**

**April 15, 2021**

**Agenda Item:**

**4.A 9-1-1 TOC Chair Election**

**Presenter:**

**Eggimann**

### **RECOMMENDATION**

The 9-1-1 Technical Operations Committee (TOC) recommend a replacement for Heidi Hieserich, who has resigned as Committee Chair. The new chair will serve for the balance of 2021.

### **BACKGROUND**

Heidi has accepted an offer to work in the private sector, will be leaving her position with the Airport PSAP, and asked that we find a replacement for her as the Chair of the TOC.

### **ISSUES & CONCERNS**

(none)

### **FINANCIAL IMPACT**

(none)

MOTION BY:

SECONDED BY:

MOTION:

PASS/FAIL

## Allied Radio Matrix for Emergency Response (ARMER) Standards, Protocols, Procedures

Document Section 3	<b>Interoperability Standards</b>	<b>Status:</b> Complete
SECB Standard Number	<b>IOP-27</b>	
Legacy Standard Number	<b>3.17.4</b>	
Standard Title	<b>Non-emergent Event and Exercise Communications Planning</b>	
Date Established	<b>09/25/2013</b>	<b>SECB Approval:</b> 01/24/2019
Replaces Document Dated	<b>10/08/2018</b>	
Date Revised/Reviewed	<b>1/24/2019</b>	

### **1. Purpose or Objective**

The purpose of this standard is to establish protocols and procedures to be used for planning communications for full-scale or functional exercises and non-emergent/pre-planned events that affect multiple agencies or jurisdictions in the Metro region. This standard will also specify procedures for using statewide or metro-wide talkgroups during these types of events.

**Commented [TF1]:** Add Metro to this section?

### **2. Operational Background**

Full-scale or functional exercises and pre-planned events that include multi-jurisdictional, multi-agency disciplines, and use of two or more statewide and/or regional interoperability talkgroups require an All-Hazards, Type III Communications Unit Leader (COML) to establish a communication plan.

**Commented [JR2]:** Should this be adjusted to more than one metro talkgroups

Non-emergent/pre-planned events are scheduled, non-emergency activities as defined by the national incident management system. These events include, but are not limited to, a sporting event, concert, or parade.

A full-scale exercise (FSE) is a multi-agency, multi-jurisdictional, multi-discipline exercise involving a functional and/or field unit response. A functional response could include a joint field office, emergency operations center (EOC), etc. A field unit response could include firefighters or other first responders at a scene, along with mock victims, etc.

A functional exercise (FE) examines and/or validates the coordination, command, and control between various multi-agency coordination centers, such as an EOC, joint field office, etc. A functional exercise does not involve any field unit responders.

**Commented [TF3]:** Include information about patches that are planned for 'real world' scenarios during pre planned events.

**Commented [TF4]:** Since this is a standard about events AND exercises, should any information about events be added here?

Refer to Metro ARMER Standard 3.21.0 (Large Scale Incidents) for emergent events and/or Metro ARMER Standard 3.48.0 and SECB Standard IOP-30 (Communications Unit) and the Minnesota Communications Unit Standard Operating Guidelines for additional information about COMLs.

**Commented [TF5]:** Metro standard 3.21.0 for Large Scale incidents

### **3. Operational Context**



Full-scale or functional exercises and pre-planned events of any size can include complex communications issues. There is also a potential for any event to grow quickly into a large-scale incident. Refer to Metro ARMER Standard 3.21.0 (Large Scale Incidents) for emergent events.

**Commented [TF6]:** Add information about Large scale incident planning standard

Since full-scale/functional exercises and pre-planned events have the potential to affect system loading, a COML should ensure that the event does not inadvertently affect normal, daily operational needs by over-utilization and/or overloading of ARMER system resources.

**Commented [TF7]:** Where to find these resources?

**Commented [TF8]:** Are there other considerations, outside of ARMER, that should be taken into account?

**Commented [TF9R8]:** Would like input from PSA/EM group. What would be included from outside of radio?

#### **4. Recommended Procedure**

When an entity develops a plan for a full-scale/functional exercise or pre-planned event that involves the use of ARMER resources, these procedures will be followed:

- StatusBoard must be utilized. When the exercise or event is planned farther out than seven days, the requested resource should be reserved on the StatusBoard at least one week in advance, but not more than one month in advance.
- Exercise or event planners will include the impacted local entities' (city or county) ARMER System Administrators in the exercise development process from the beginning so local system resources are properly utilized.
- Exercise or event planners intending to use more than one statewide interoperability talkgroup shall engage a Metro-based Minnesota-recognized COML.
- A COML engaged for an exercise or event during which planners intend to use two or more statewide and/or regional interoperability talkgroup shall complete or approve an ICS-205 Communications Plan and that plan should be distributed to the ARMER System Administrators of impacted local entities, the Chair of the Radio Technical Operations Committee, the applicable Regional Interoperability Coordinator, and the Statewide Interoperability Coordinator.
- A COML engaged for an exercise or event during which planners intend to use two or more statewide and/or regional interoperability talkgroup should take into consideration the home zone mapping, priority levels, talkgroup patching, site loading, and site access approvals of talkgroups being considered as well as the channel count and capacity of impacted repeater sites.

**Commented [JR10]:** Is this for anything using more than one regional/statewide resource? Or EVERY exercise?

**Commented [JR11]:** What? We are informing the system resources. Who might that be?

**Commented [JR12]:** Regional?

**Commented [TF13]:** Check to see if all of these are on the distribution list  
Are there others?

**Commented [JR14]:** Being this would be a regional standard do we need/want to escalate to State Committee?

**Commented [JR15]:** Do all of our COML's know and understand home zone mapping and access priority? Should patching also be included in this requirement?

If the event or exercise planner deems the services of a COML necessary but does not have access to one, the Radio Systems Coordinator or the Minnesota Duty Officer should be contacted.

#### **5. Management**

The system managers, administrators, and users will all be responsible to see that this policy is implemented as defined. Identified issues and concerns will be brought to the impacted Technical Operations Committee(TOC) for resolution. Maintenance of this standard will be the responsibility of the Radio Services Coordinator.

**Commented [TF16]:** For metro, brought to Radio TOC?

**Metropolitan Emergency Services Board  
9-1-1 Technical Operations Committee  
Network Report  
April 15, 2021**

**Agenda Number 6.C.**

**1. Text-to-9-1-1:**

Washington and Scott Co. are the only remaining primary PSAPs in the metro area that have not yet implemented text capabilities on their answering applications. Both PSAPs are planning to implement text messaging concurrent with their next 9-1-1 answering application upgrade later this year. Washington Co. is currently planning to move to their new Solacom system in May. Scott Co. believes they will go online with the Motorola SaaS system this summer.

**2. NG9-1-1 ESInet:**

The NG9-1-1 ingress system implementation is underway. Inteliquent has identified the point of interconnect (POI) locations across the state with two legacy telephone POIs in each LATA. This will make it easier for the legacy telephone companies to connect to the 9-1-1 system and reduce network costs. Inteliquent will also have two SIP POIs for telecommunications service providers who have IP-based systems capable of delivering 9-1-1 calls to the system as SIP calls. This week Lumen identified the peering points in their network where they want Inteliquent to connect to the current 9-1-1 system on an interim basis until the NG Core Services vendor is selected.

Additional work remains for the MESB and ECN on the RFP(s) for NG9-1-1 core services and 9-1-1 system egress connectivity between the core services and the PSAP. ECN has contracted with Federal Engineering for professional and technical services to assist in the RFP process.

The MESB continues to focus on giving our PSAPs better continuity-of-operations (COOP) options as well as enabling workload sharing for the PSAPs that are interested in working together. We want to ensure that our ESInet infrastructure can support shared/hosted and cloud-based applications and not limit the use of the ESInet to just handling 9-1-1 traffic. We are working now with ECN to consider ESInet options that would rehome our PSAP ESInet connections to redundant, diverse datacenters that can become the hubs for delivery of shared/hosted and cloud-based applications to all the metro PSAPs such as CAD, CAD-to-CAD interoperability, logging, as well as 9-1-1 answering applications.

In April 2018, NENA published a new NG9-1-1 ESInet Design document that outlines new modifications to the existing ESInets in use today. The new design focuses on increasing reliability and resiliency by incorporating multiple network service providers using different network protocols (e.g. MPLS, Ethernet, cable broadband Internet, wireless carrier broadband Internet). The MESB will continue to work with ECN to develop an implementation strategy to bring the metro area ESInet configuration into compliance with the NENA design recommendations.

**Metropolitan Emergency Services Board**  
**9-1-1 Technical Operations Committee**  
**9-1-1 Data Report**  
**April 15, 2021 Meeting**

1. **Importance of GIS for 9-1-1:** PSAP managers are strongly encouraged to continue to assist their GIS counterparts in communicating to key decisionmakers and county leadership what a **vital role GIS has to their current and future PSAP operations**. Geospatial datasets provide foundational data for PSAP CAD/mapping systems and future NG9-1-1 core services, as well as support many other non-public safety uses that are important to cities and counties.
2. **Regional NG9-1-1 Data QA/QC and GIS-derived MSAG activity:**
  - a. **NG9-1-1 QA/QC support** has been focusing on PSAPs/Counties that have not yet made a significant stride toward GIS-derived MSAG transition and on resolution of certain data inconsistencies found through the GeoComm process.
  - b. **Current GIS-derived MSAG status:**
    - i. **Complete:** Chisago County, Dakota County, Anoka County, Eden Prairie, St Louis Park, Edina, Bloomington, Ramsey County, Isanti County
    - ii. **In preparation stage at MESB:** Carver County
  - c. **Proactive 9-1-1 call location audits** continue for the 10-county region once a week using ALI retrieval logs and the metro regional road centerline, address point, and MSAG data. This process has been helpful in identifying needed VoIP service provider data remediations, as well as some address point additions.
3. **ECN NG9-1-1 Federal Grant work:**
  - a. **Metro Regional GIS-derived MSAG Processes:** MESB is working with GeoComm on the regional GIS-derived MSAG project authorized under the NG9-1-1 federal grant.
    - i. MESB and GeoComm have completed another run of the regional data through the Data Hub to confirm configurations and the handling of the MESB's known error exceptions and border edge-cases. Further refinements are planned in future runs.
    - ii. MESB is starting to use the results of some Data Hub validations to provide vetted resolution recommendations back to the county GIS departments.
    - iii. MESB has also begun validating a sample GeoComm GIS-derived MSAG.
  - b. **Sherburne County:** Sherburne County kicked off their project with GeoComm at the beginning of February. GeoComm is actively editing Sherburne's data for NG9-1-1 readiness.
4. **Statewide GIS Data Standards:**
  - a. The recently **updated MN Geospatial Advisory Council (GAC) Road Centerline Data Standard v1.1 and Address Point Data Standard v1.3 schemas** are now in use for metro data. MetroGIS/Met Council began posting the regional centerline and address point datasets to the Commons in these schemas at the end of March. Both datasets now include four 9-1-1 legacy street name attributes and the road centerline also includes a road cartographic class attribute. The partnership between MESB & Met Council staff on this was greatly appreciated.
  - b. Discussion about a **polygon standard for exchange of 9-1-1 emergency service boundaries** (PSAP, ESZ/ESN, and response agency) has been restarted at a state level.
  - c. The statewide polygon standard will resurface statewide discussion about a domain of **normalized/standardized agency names** to be used in the GIS data. A draft list of the proposed agency names will be sent out to MESB PSAP data contacts (cc to PSAP managers) with a request for the PSAP to review the list and confirm that all agencies they dispatch for are included and there are no significant concerns with the proposed naming.

5. **Regional GIS data support for Pandemic Response Planning/RapidDeploy Pilot:** A tabletop exercise was held March 26th. The PSAP evaluation team is discussing the fit of this pilot with the region's desire to move to a CAD-to-CAD solution.
6. **Vertical location on wireless 9-1-1 calls:** Lumen and Intrado completed the **new ALI format that transmits z-axis information** provided by wireless carriers to the PSAP. Isanti County PSAP was successfully transitioned to the new ALI format on 3/24/21. Jake Jacobson will work with other PSAPs who would like to transition to the z-axis ALI format. PSAPs will want to coordinate with their PSAP CPE and CAD/mapping vendors in advance of scheduling the change because the update will change the ALI data stream format interfacing into those systems. Also, Ramsey County is assisting with an initial evaluation of the z-axis data from the wireless carriers.
7. **Wireless Location Based Routing:** T-Mobile and MESB are finalizing an **audit of T-Mobile sector-based routing and wireless ALI data** prior to commencing the pilot of T-Mobile's location-based routing (LBR) capabilities. MESB is currently waiting for confirmation that T-Mobile has processed all updates identified for T-Mobile data, after which the audit of former Sprint wireless data will be conducted. It is currently anticipated that the pilot of T-Mobile's **location-based routing (LBR)** capabilities would begin this summer for the volunteer PSAPs (i.e. Airport, Washington, Ramsey, and Sherburne County.) T-Mobile expects that their new location-based routing capabilities, which plot the caller's device-based hybrid location in PSAP boundary polygons to determine call routing, should help PSAPs reduce the number of transferred 9-1-1 calls.
8. **SECB NG9-1-1 GIS Workgroup:** The workgroup's report will be presented to the SECB NG911 Committee at its April meeting. The report includes **actionable recommendations from the geospatial community about the statewide NG911 GIS project** for consideration by the committee. The report may also be presented to the SECB board in a future meeting.
9. **MESB Region SECB Strategic Planning Process:** Metro GIS partners were represented in the MESB region's SECB strategic planning process by Geoff Maas, Chair of the SECB NG9-1-1 GIS workgroup, and Vic Barnett, alternate GIS rep to the SECB NG9-1-1 Committee, as well as MESB staff. Public safety GIS needs and initiatives are included in the planning feedback being passed onto the SECB and will continue to evolve in future strategic planning work at the regional level.
10. **Statewide NG9-1-1 GIS Project:** ECN held a meeting on April 9, 2021 to provide an overview of their plans to use a new vendor, 1Spatial, to automate the state's NG9-1-1 GIS data aggregation process and provide expanded NG9-1-1 validation tools. As the state's plans evolve, MESB will work with ECN and 1Spatial to appropriately integrate the metro regional GIS workflow and ensure the region's NG9-1-1 data readiness.

## ONGOING ACTIVITIES

11. **Wireless Cell Sector/Routing Data:** MESB continues to process wireless routing updates for all carriers on behalf of the metro PSAPs. Should PSAPs want the routing for a specific cell sector or 9-1-1 call reviewed, just email [mesbgis@mn-mesb.org](mailto:mesbgis@mn-mesb.org) and MESB staff will investigate.
12. **Regional GIS Data Aggregation:**
  - a. **Road Centerline and Address Points:** The MetroGIS/Met Council continues to process regional road centerline and address point dataset updates nightly to the MN

Geospatial Commons website. Each metro county's most recent centerline and address point data that has been uploaded to the portal and passed validations is included in the regional datasets.

- b. **Boundary Polygons:** MESB continues to maintain the regional PSAP, ESZ, MSAG community, law, fire, and EMS boundary polygon layers in coordination with the PSAPs. These datasets are updated as boundaries change or at a minimum of quarterly. Mobile Positioning Center, Text Control Center, and VoIP Positioning Center vendors are directed to the MN Geospatial Commons for downloads of metro's PSAP boundary polygons.

**13. Regional Data Viewer:** The datasets pertinent to regional 9-1-1 interests are available in the dataviewer developed by MetroGIS/Met Council. (<https://www.metrogis.org/projects/9-1-1-Data-Viewer.aspx>.) PSAP MSAG coordinators are encouraged to use the dataviewer as a resource for geospatial data their county GIS departments consider valid and current for regional 9-1-1 use.