9-1-1 Technical Operations Committee

Meeting Notice

Thursday
October 19, 2017
10:00 AM

MESB Office
2099 University Ave W
St. Paul, MN 55104

Mark Your Calendars

Metropolitan Emergency Services Board

9-1-1 Technical Operations Committee
Tentative Agenda
October 19, 2017

1. Call to Order

2. Approval of Minutes / Agenda

3. Action Item
    a. 2017 SHSP Grants
        i. Establish project priorities
    b. Text-to-911 Call Processing Standard

4. Unfinished Business
    a. Next Generation 9-1-1
        i. Text-to-9-1-1 implementation
            1. Greater MN
            2. Metro Area – Hennepin Co. Preparations
            3. Text-to-9-1-1 Call Processing Standard update
        ii. Firewall implementation
            1. Element implementation project presentation
    b. PSAP Operations Round Table Work Group update
    c. Emergency Communications Professionals Training Curriculum Development Project
    d. CAD-to-CAD Interoperability Feasibility Study
        i. Winbourne Project Presentation

5. Pending Business
    a. EMD Guidelines – Metro Standard?

6. Reports
    a. Wireless Issues

      b. GIS Issues

      c. Data Issues (see attached)

7. Adjourn

Metropolitan Emergency Services Board
9-1-1 Technical Operations Committee
Draft Meeting Minutes
September 21, 2017

Committee Members

X	Nancie Pass, Ramsey (Chair)			Kathy Hughes, Hennepin
	Bob Dowd, Isanti (Vice-Chair)			Lisa Lovering, Isanti
X	Val Sprynczynatyk, Anoka	X		Heather Hunt, Minneapolis
X	Jim Scanlon, Bloomington PD	X		Jonathan Rasch, Ramsey
	Tim Walsh, Carver			Angie Iverson, Scott
X	Jon Eckel, Chisago	X		Darlene Pankonie, Washington
	Cheryl Pritzlaff, Dakota			Doug Anschutz, Washington
	Troy Ruby, Dakota			

Alternates

	Kyle Blum, Anoka		Bob Shogren, Isanti
	Deb Paige, Carver		Christine McPherson, Minneapolis
X	Susan Bowler, Carver		Denise O'Leary, Ramsey
	Vicki Nelson, Dakota		Jill Martens, Scott
	Jeff Schlumpberger, Hennepin		

Others Attending

Pete Eggimann, MESB	Georgine Bohl, Airbus
Vic Barnett, MESB	Tony Martin, Edina
Marcia Broman, MESB	Dawn Evangelist, CTL
Martha Ziese, MESB	Matthew Hoffer, CTL
Kay Simons, MESB	Jake Jacobson, CTL
Diane Lind	Gloria Vadnais, AHEMS

1. Call to Order

Nancie Pass called the meeting to order at 10:05.

2. Approval of Minutes / Agenda

Nancie asked for a motion to approve the agenda for the September 21, 2017 TOC.
Motion(Rasch/Hunt) to approve the September 21,2017 TOC agenda as it was distributed. Approved.

Nancie asked for a motion to approve the draft July 20, 2017 minutes if there were no corrections or additions.
Motion (Eckel/Rasch) to approve the draft July 20, 2017 minutes as distributed. Approved.

3. Action Items
a. Emergency Communications Professionals Training Curriculum
i. Development Project

Pete Eggimann said there were two RFPs put out last fall; training curriculum and the CAD-to-CAD. Diane Lind was hired to complete the training curriculum project. Pete asked if the training coordinators would be a logical choice to work on that project with Diane. Diane said 3-4 people would be needed. Much of the project could be done by email with a couple of face-to-face meetings. Heather Hunt said Minneapolis would be able to participate in the project. LaVae is on the Roundtable. Nancie Pass said same for Ramsey County. Pass asked if it made sense to have Diane work directly with the Roundtable participants, Heidi being the point of contact.

It was agreed and Pass appointed the PSAP Roundtable to work with Diane.

b. CAD-to-CAD Interoperability Feasibility Study

Eggimann said that Winbourne and Associates got the contract to prepare the CAD-to-CAD feasibility study. Their timeline is about four months. They have done similar studies in other cities. Dar Pankonie, Jon Eckel, Chuck Haneca and Chris Kummer were on the project before and it was agreed Pankonie, Eckel and Kummer will assist as a resource for Winbourne on this study project.

c. 2017 SHSP Grants

Troy Tretter said that in 2017 the ECN will have the SHSP competitive grant. There is expected to be $190,000 to compete for between the seven regions. Allocations from each region will be due for review to the ECN by December 1, 2017. Funding priorities will need to be determined. Radio will come up with their own priorities for review by the SECB. If this TOC could come up with funding priorities at the October TOC meeting, then the MESB could approve at their November 8, meeting.

Each region is to receive $25,000 for training and exercises. ECN has determined the following to be priorities:

Firewalls, ARMER training, ARMER interoperability infrastructure and ARMER integration costs.

It is valuable to know if PSAPs are planning to migrate to SIP in the 2018 timeframe and will need firewalls. The firewall portion of the grant is not competitive. ECN will pay for firewalls and there is no 50% match on those.

Jon Rasch asked for clarification on the dollars. Tretter said that $25,00 will be awarded to each of the regions and that the additional $190,000 was available for competitive grants. The grants working group will review requests and determine need. Out of the $190,000 – PSAP firewalls will not be included. Out of the $25,000 training would be included. The GIS component is not included.

Pete said regarding that pool of $190,000, from past experience, has there been an effort to divide it up equally between the regions? Tretter said that in the past there has been enough to go around. If a region requested an amount and the RFP came back less than they could return the requested amount back to the state. There is a federal SHSP grant every year and every two years there is a SECB grant. It is possible there will be other grants available also. In other words, if it isn't on the wish list it is hard to get funded. The priorities will need to be submitted by the October TOC to make it into the November MESB packet. Troy asked they be sent through the 9-1-1 TOC channels (Pass/Eggimann) by October 6.

4. Unfinished Business
a. Next Generation 9-1-1
i. Text-to-9-1-1 Implementation

Pete said Waseca was turned up last week. St Louis County was turned up with the carriers yesterday. Beltrami-Clay County is next week. Hennepin County will be October 17th and 18th.

Dana is working to keep this out of the news, however Ramsey County will have the MOU with Hennepin Co to act on their behalf as the regional text PSAP on the county board agenda October 4th. Dar Pankonie will let Dana know when her county board will be acting on the MOU. All media inquiries are to be sent to Amber Shingledecker, PIO for the State of Minnesota.

St. Louis County got their first legitimate text last night. Pete will forward Dana's summary of what happened in St. Louis County. All of the regional PSAPs should be up by the end of October. Jake Jacobson will forward schedule to Pete. You will start seeing some media on texting by the First of December.

There are still questions about what the ALI display will show, or how the ALI information can be formatted with text messages. Some of these adjustments will need to be made after the PSAP goes live with the carriers.

Jake Jacobson said there is a lot of text testing going on. The location accuracy is not good. Pete said no one is putting much effort into the location accuracy on the carrier side because SMS text-to-911 is seen as an interim solution and everyone is working on the real-time text (RTT) solution which the FCC is requiring the carriers to support within 18 months.

Jon Eckel said the ALI formatting and location accuracy is not just a VESTA issue but is needed for VIPER also. The lack of accurate location will be a challenge for the regional PSAPs because the telecommunicator may not be familiar with the local geography the text caller uses to describe their location.

There is a large population of hearing impaired in Faribault County. That was a factor in the state wide roll out.

Tony Martin said the testing went very well this week. We learned that there can only be one transfer. The transfer sets up three-way text between the caller and the two PSAPs, with private messaging supported between the PSAPs during the three-way configuration. Some emojis closed out the caller and ended the text, and the use of emojis should be discouraged. There is no PSAP identifier in the text message. This may cause confusion when a transfer takes place because the text caller will not be able to tell which PSAP they are communicating with.

With VESTA you can handle a voice call and text at the same time. With VIPER you must put the text call on hold to take or make a voice call. Jeff Lessard said that the U of M is working on a mobile texting app for the campus escort program that would allow students to request an escort by texting.

       ii. Firewall implementation
Contract is not yet signed. The state seems optimistic they can meet the grant deadlines.

   b. PSAP Operations Roundtable Work Group – No report
       i. Training Standard Implementation Guide
       ii. Training Standard Skills Verification Process

5. Pending Business – No Report
   a. Emergency communications Professionals Training Curriculum
       i. Development RFP Draft Update
   b. CAD-to-CAD Interoperability RFP Draft update
   c. Text-to-9-1-1 Call Processing Standard update

6. Reports
   a. Wireless Issues – No Report

b. GIS

Vic Barnett said that the state had put out for review their draft GIS standard they originally distributed in May. As a result of the comments they received, they decided to redo the entire process of the NG 9-1-1 Data standards. Instead of going through the SECB, the state's Geospacial Advisory Council will provide the schema tables.

We are continuing to work toward converting to a GIS-based MSAG with CenturyLink.

Marcia Broman said that the geo coding is done on the ALI reconciliation with the metro road centerline data (MRCC). About 1% of the ALI records fell out with no road centerline or address point match. There was a total overall ALI errors of 3.7%.

Last week there was a 9-1-1 "101" training session for the GIS managers. We completed edge matching between the PSAP boundaries for the rest of the state.

Nancie Pass told members that she would not be accepting position of Chair for the 9-1-1 TOC next year. Typically, there is no December meeting so there will need to be a new Chair elected at the November TOC meeting.

PSAP Managers shared their Center's news.

Adjourn

Summary of 9-1-1/GIS Data Preparation for NG9-1-1 (as of September 1, 2017)

PSAP	9-1-1/GIS Data Synchronization						GIS Integration					
	ESZ Validations	Response Area Validations	Street Name Validations	Postalize MSAG	Address Validations	Address ESN Validation	Integration to Regional Centerline	Integration to Regional ESZ Layer	Integration to Regional Address Points	GIS MSAG	Centerline Validations	Integration to Statewide SIF & ECRF/LVF
Airport	complete	na	complete	complete	complete	not started	active	active	active	not started	active	not started
Anoka	complete	complete	complete	complete	complete	active	active	active	not started	active	active	not started
Bloomington	complete	na	complete	complete	complete	not started	active	active	active	not started	active	not started
Carver	complete	complete	complete	complete	complete	not started	active	active	active	not started	not started	not started
Chisago	complete	complete	complete	complete	complete	not started	active	active	not started	active	complete	not started
Dakota	complete	complete	complete	complete	complete	active	active	active	active	not started	complete	not started
Eden Prairie	complete	na	complete	complete	complete	not started	active	active	active	not started	active	not started
Edina	complete	complete	complete	complete	active	not started	active	active	active	not started	active	not started
Ft Snelling/Airbase	active	not started	na	complete	na	not started	active	active	not started	not started	not started	not started
Hennepin Sheriff	complete	not started	complete	complete	complete	not started	active	active	active	not started	active	not started
Hopkins (closed)	complete	na	complete	na	complete	na	na	na	na	na	na	na
Isanti	complete	not started	complete	complete	active	not started	active	active	not started	not started	active	not started
Minneapolis	complete	not started	active	complete	not started	not started	active	active	active	not started	active	not started
Minnetonka	complete	complete	complete	complete	complete	not started	active	active	active	not started	active	not started
Ramsey	complete	active	complete	complete	complete	active	active	active	active	not started	complete	not started
Richfield (closed)	complete	na	complete	na	complete	na	na	na	na	na	na	na
Scott	complete	active	complete	complete	active	not started	active	active	active	not started	not started	not started
St Louis Park	complete	na	complete	complete	complete	not started	active	active	active	not started	complete	not started
U of M	complete	na	active	complete	active	not started	active	active	active	not started	not started	not started
Washington	active	not started	complete	complete	active	not started	active	active	not started	not started	not started	not started
White Bear Lake	complete	na	complete	complete	complete	not started	active	active	active	not started	not started	not started