METROPOLITAN EMERGENCY SERVICES BOARD
RADIO TECHNICAL OPERATIONS COMMITTEE AGENDA
July 22, 2020, 1:00 p.m.

This meeting will be conducted online (no in-person location). To join the meeting, please use https://metropolitanemergencyservicesboard.my.webex.com/metropolitanemergencyservicesboard.my/j.php?MTID=m928f3512e412a013175efe35f4c31530. To join the audio portion, please call 408-418-9388 and use participant code 146 170 4905.

1. **Call to Order** – Committee Chair, Bob Shogren

2. **Approval of Agenda** – Shogren

3. **Approval of Minutes of May 27, 2020 Meeting** – Shogren

4. **Action Items**
    A. M Health Fairview ARMER Participation Plan – Steve Pott/Eli Charif
    B. Hennepin Healthcare Plan Amendment – King Fung
    C. Stearns County METAC Request – Kristen Lahr

5. **Moves, Additions & Changes to the System**

6. **Committee Reports**
    A. Metro Mobility System Usage Update – Chad LeVasseur/Clay Stenbeck
    B. System Managers/Metro Owners Group Update – Ron Jansen
    C. MnDOT ARMER System Update – John Anderson/Tim Lee/Dave Klema
    D. SECB Committees
        i. Steering – Jill Rohret/Fredrick
        ii. LMR (OTC) – Nate Timm/Mike Mihelich
        iii. WBBA (IDC) – Rod Olson/Jake Thompson
        iv. IOC & Workgroups – Thompson/Timm; Curt Meyer/Mark VandenBerghe (STR); Timm/Dan Anderson (COMU)
        v. IPAWS – Scott Haas
        vi. Finance/Grants Workgroup – Rohret/Fredrick

7. **Other Business**
    A. Discussion: Response to Civil Unrest

8. **Adjourn**

Reminder: Next meeting scheduled for August 26, 2020

1. Call to Order:
Bob Shogren called the meeting to order at 1:00 p.m.

MESB Radio TOC Roll Call Attendance – May 27, 2020

Name	Entity	Present	Absent
Baas, D	Sherburne	X	
Bjorklund, J	Airport	X	
Eckel, J	Chisago		X
Jansen, R	Dakota	X	
LeVasseur, C	Metro Transit	X	
Meyer, C	Hennepin	X	
Mihelich, M	Ramsey	X	
Olson, R	Minneapolis	X	
Sauter, P	Carver	X	
Schatz, N	Scott	X	
Shogren, B	Isanti	X	
Steier, C	U of M		X
Thompson, J	Anoka	X	
Timm, N	Washington	X	
Vadnais, V	EMS		X
VandenBerghe, M	Fire Chiefs		X

Total: 12

Guests Present: Marcus Bruning; *ECN*; Frank Jarman, Chris Meier; *Motorola*, Brandon Larson; *City of St. Cloud*; Andrew LaVenture, Jeff Siems; *Edina Fire*, Tracey Fredrick, Jill Rohret, Martha Ziese, *MESB*

2. Approval of Agenda
M/S/C - Motion made by Mike Mihelich to approve the agenda. Rod Olson seconded. Motion carried.

Approval of Agenda Roll Call

Name	Entity	Yes	No	Absent
Baas, D	Sherburne	X		
Bjorklund, J	Airport	X		
Eckel, J	Chisago			X
Jansen, R	Dakota	X		
LeVasseur, C	Metro Transit	X		
Meyer, C	Hennepin	X		
Mihelich, M	Ramsey	X		
Olson, R	Minneapolis	X		
Sauter, P	Carver	X		

Schatz, N	Scott	X		
Shogren, B	Isanti	X		
Steier, C	U of M			X
Thompson, J	Anoka	X		
Timm, N	Washington	X		
Vadnais, V	EMS			X
VandenBerghe, M	Fire Chiefs			X

Total Votes
Yes 12
No 0
Pass

3. Approval of Minutes

Ron Jansen asked that the minutes be corrected to state that Rod Olson represents the City of Minneapolis, not Hennepin County.

M/S/C - Motion made by Ron Jansen to approve the Radio TOC corrected minutes from March 25, 2020. Jeff Bjorklund seconded. Motion carried.

Approval of Minutes Roll Call

Name	Entity	Yes	No	Absent
Baas, D	Sherburne	X		
Bjorklund, J	Airport	X		
Eckel, J	Chisago			X
Jansen, R	Dakota	X		
LeVasseur, C	Metro Transit	X		
Meyer, C	Hennepin	X		
Mihelich, M	Ramsey	X		
Olson, R	Minneapolis	X		
Sauter, P	Carver	X		
Schatz, N	Scott	X		
Shogren, B	Isanti	X		
Steier, C	U of M			X
Thompson, J	Anoka	X		
Timm, N	Washington	X		
Vadnais, V	EMS			X
VandenBerghe, M	Fire Chiefs			X

Total Votes
Yes 12
No 0
Pass

4. Action Items
A. City of Edina Talkgroup Request

Andrew LaVenture said the City of Edina is requesting a waiver to add the EMC_COORD Talkgroup to Edina Fire Department radios for the purpose of being in full compliance of ARMER system standards.
Tracey Fredrick it is a state issue, but historically at the LMR meetings it is asked if the issue is supported by the region.

M/S/C - Motion made by Nate Timm to approve the City of Edina Talkgroup request. Jansen seconded. Motion carried.

Approval of Edina Fire Talkgroup Request Roll Call

Name	Entity	Yes	No	Absent
Baas, D	Sherburne	X		
Bjorklund, J	Airport	X		
Eckel, J	Chisago			X
Jansen, R	Dakota	X		
LeVasseur, C	Metro Transit	X		
Meyer, C	Hennepin	X		
Mihelich, M	Ramsey	X		
Olson, R	Minneapolis	X		
Sauter, P	Carver	X		
Schatz, N	Scott	X		
Shogren, B	Isanti	X		
Steier, C	U of M			X
Thompson, J	Anoka	X		
Timm, N	Washington	X		
Vadnais, V	EMS			X
VandenBerghe, M	Fire Chiefs			X

Total Votes
Yes 12
No 0
Pass

B. State FEDCOM Standard
Curt Meyer said State Standard 3.11.0 needed to be updated to clean up the language referring to hardware and the reference to encryption.

M/S/C - Motion made by Bjorklund to approve the State FEDCOM standard language changes. Mihelich seconded. Motion carried.

Approval of State FEDCOM Standard Roll Call

Name	Entity	Yes	No	Absent
Baas, D	Sherburne	X		
Bjorklund, J	Airport	X		
Eckel, J	Chisago			X
Jansen, R	Dakota	X		
LeVasseur, C	Metro Transit	X		
Meyer, C	Hennepin	X		
Mihelich, M	Ramsey	X		
Olson, R	Minneapolis	X		
Sauter, P	Carver	X		
Schatz, N	Scott	X		
Shogren, B	Isanti	X		
Steier, C	U of M			X
Thompson, J	Anoka	X		

		X		
Timm, N	Washington	X		
Vadnais, V	EMS			X
VandenBerghe, M	Fire Chiefs			X

Total Votes
Yes 12
No 0
Pass

C. Carver County Participation Plan Amendment
Peter Sauter said Carver County is requesting to amend their participation plan by replacing their microwave radio links with fiber optic. MnDOT has approved this amendment.

M/S/C - Motion made by Jansen to approve the plan amendment. Meyer seconded. Motion carried.
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Approval of Carver County Participation Plan Amendment Roll Call

Name	Entity	Yes	No	Absent
Baas, D	Sherburne	X		
Bjorklund, J	Airport	X		
Eckel, J	Chisago			X
Jansen, R	Dakota	X		
LeVasseur, C	Metro Transit	X		
Meyer, C	Hennepin	X		
Mihelich, M	Ramsey	X		
Olson, R	Minneapolis	X		
Sauter, P	Carver	X		
Schatz, N	Scott	X		
Shogren, B	Isanti	X		
Steier, C	U of M			X
Thompson, J	Anoka	X		
Timm, N	Washington	X		
Vadnais, V	EMS			X
VandenBerghe, M	Fire Chiefs			X

Motion carried.
Total Votes
Yes 12
No 0
Pass

D. Standards Update
1. 6.4.0 Entry Costs for New Full Participants
Fredrick said this standard is outdated. Rohret said it has never been used.

M/S/C Motion by Nick Schatz to move the deletion of this standard onto the MESB. Meyer seconded. Motion carried.

Approval of Deletion of Standard 6.4.0 Roll Call

Name	Entity	Yes	No	Absent

Baas, D	Sherburne	X		
Bjorklund, J	Airport	X		
Eckel, J	Chisago			X
Jansen, R	Dakota	X		
LeVasseur, C	Metro Transit	X		
Meyer, C	Hennepin	X		
Mihelich, M	Ramsey	X		
Olson, R	Minneapolis	X		
Sauter, P	Carver	X		
Schatz, N	Scott	X		
Shogren, B	Isanti	X		
Steier, C	U of M			X
Thompson, J	Anoka	X		
Timm, N	Washington	X		
Vadnais, V	EMS			X
VandenBerghe, M	Fire Chiefs			X

Total Votes
Yes 12
No 0
Pass

5. Moves, Additions & Changes to the System – No report

6. Committee Reports
A. Metro Mobility System Usage Update
LeVasseur said there is not much to report as Metro Mobility has not really been in use during the pandemic.

B. System Managers/Metro Owners Group Update
Jansen said Motorola gave a system update at the SMG this morning. Ramsey's upgrade will be done next and then Anoka. All counties will be upgraded in September-October. Also discussed were console software updates and PPE special restrictions. Cyber Security discussions included best practices. Pagegate and system administration after hours also were discussed.

C. MnDOT ARMER System Update – No report

D. SECB Committees
i. Steering
Rohret said the SECB bylaws amendments will be ready to approve in July. Both board and committee bylaws will be ready for approval by the end of the year.

ii. LMR (OTC)
Nate Timm said there is an update to the U.S. Marshall's plan to include more IDs. There was some clarification about what items LMR can approve without approval of the full SECB Those include approval of additional talkgroups and IDs, leasing or sharing spare radio tower space, new makes and models of radios, and approval of conventional enhancements without going to the full board. Three new items were added to that responsibility: ARMER network transport changes, console and ARMER terminal additions.

The Blue Earth County plan amendment was approved. There was an update from Tusa Consulting. Tim Lee presented the Motorola upgrade agreement.

Rohret asked if the SECB had approved these new responsibilities. Fredrick said the SECB would be hearing the topic tomorrow; it is on the agenda for the SECB meeting.

iii. WBBA
Rod Olson said the WBBA met May 19. Discussions included: FirstNet local control is renamed FirstNet Control. Televate is going to be giving a report on situational awareness apps. The future direction of the WBBA committee and workgroups.

iv. IOC
Jake Thompson said the IOC met May 19. Discussions included: COML and COMT renewals, and some other COMU personnel recognitions, Jim Stromberg gave a financial report on the strategic technology reserve, and an update about the new version 2.0 of NIFOG.

For the STR Workgroup, Fredrick said one change forthcoming is Jansen will be replaced by Meyer. The COMU workgroup has not met since the last TOC meeting.

Jansen said there was a discussion on a standard for SOP tower maintenance, and future funding for STR towers, radios and maintenance.

v. IPAWS – No Report

vi. Finance/Grants Workgroup
Fredrick said the CPE grant is still pending. The GIS grant for Sherburne County has been fully executed. The SECB and SHSP grant applications are due June 30th.

7. Other Business
A. Discussion: Priorities for FirstNet Enhancements
Olson said FirstNet has twenty-three towers that were in their build out that were designated as priorities. That was all based on CAD information. FirstNet is looking for more information on priorities. Olson asked if the Radio TOC would want to form a workgroup.

Jansen said, in Dakota County, it would be hard to determine who would be in that workgroup. Jansen thought it would be a good idea to form a group and asked Olson if he would put together a white paper together as to what the expectations would be.

Meyer said the Hennepin Fire and Police Chiefs would most likely volunteer people into this workgroup for discussion.

Rohret said there has never been a MESB broadband group. The contacts would need to be supplied.

Shogren asked if the 9-1-1 TOC would be the resource for contacts. Rohret said that the 9-1-1 TOC could also be approached, but may have the same issue with not knowing who all has contracts with FirstNet.

Olson said the WBBA Committee could possibly do the outreach for the statewide level on this, since they do have and know the contracts across the state. This committee is also working on a template for these types of discussions and outreach.

Next meeting scheduled for June 24, 2020. Shogren asked if that would be a virtual meeting; Fredrick said yes, the immediate meetings would remain virtual.

Shogren asked if the rest of the summer would also be virtual. Rohret said we will have to play it by ear for the rest of the summer/year and to be prepared to do virtual meetings, as it will be difficult to social distance in the space available at the MESB office.

8. Adjourn
M/S/C Jansen motioned to adjourn, seconded by Bjorklund. With no further items or objections to adjournment, meeting stands adjourned.

Meeting adjourned at 1:48 p.m.

Technical Plan

for ARMER

800 MHz Trunked Radio System Participation

by

M Health Fairview

Submitted to:
Metropolitan Emergency Services Board

July 7, 2020

TABLE OF CONTENTS

Executive Summary & Overview of M Health Fairview Plan

Below is a high-level synopsis of the plan being proposed by M Health Fairview to become a full participant of the ARMER 800 MHz system. Further narrative is contained later in this document describing the topics which are summarized below. M Health Fairview is the newly expanded collaboration among the University of Minnesota, University of Minnesota Physicians, and Fairview Health Services. The healthcare system includes a network of 10 hospitals and 60 clinics. The EMS/ambulance function formerly called HealthEast is also part of the M Health Fairview network.

The M Health Fairview call center and dispatch center is located at 799 Reaney Ave, St. Paul. M Health Fairview intends to upgrade their equipment and capabilities to establish a PSAP capable of receiving 911 calls as a secondary answering point to better serve the public.

This radio plan contemplates adding a new 4 position Motorola MCC 7500 console system at the Reaney Avenue building, integrated with the ARMER Zone 1 controller located at Waters Edge. This console arrangement will require two leased T-1's to the Zone 1 controller. Calls are currently dispatched using control stations on the ARMER network since 2003. M Health Fairview will also install a Conventional Site Controller and Conventional Channel Gateways (CCGW) at the Reaney Avenue location, to provide backup dispatching capabilities in the event of a network failure. The existing control stations will be reconfigured and connected to the CCGW's for backup purposes in the event of loss of Zone controller connectivity.

M Health Fairview currently operates 24 Advanced Life Support (ALS) ambulance shifts per day. They provide primary ALS response in Dakota, Ramsey, Washington and Chisago counties. They also have a contract with Northfield Ambulance Service to provide dispatch services. Northfield Ambulance has primary response areas in Dakota and Rice counties, All of the M Health Fairview and Northfield users are currently using the ARMER network for day-to day operations. There has been some discussion about operations in the Princeton area, but there are no plans to expand to that area, at this time. If a decision is made in the future to expand into the Princeton area, M Health Fairview will present an ARMER plan amendment requesting the expansion.

In 2003, HealthEast Transportation (now operating as M Health Fairview) submitted a request for participation in the 800 MHz system to the Metropolitan Radio Board. Since that time, the authorized talkgroups and radio ID's has increased to 26 and 164, respectively. 3 of those radio ID's are used for the control stations currently used with the system. We anticipate using those existing control stations as backup in the dispatch center. M Health Fairview recently had 176 ID's in the system, about 150 of which were active each month. M Health Fairview has reduced the

number of ID's in the system to their authorized number and is not requesting additional radio ID's at this time. M Health Fairview does not expect to request additional talkgroups over the next five (5) years. The radios and talkgroups used by Northfield Ambulance are also currently operating as part of the M Health Fairview portfolio.

The purchase of dispatch console and network connectivity equipment will be funded internally by M Health Fairview and is not contingent on receiving grant funding. M Health Fairview hopes to complete the installation within the 2020 calendar year, or at such time as the plan receives final SECB approval.

Primary Project Challenge

Establishing network connectivity from the Reaney Avenue facility will be a challenge. The building is relatively short, so a microwave path to a nearby site isn't possible. M Health Fairview intends to use two diverse T1 paths to achieve connectivity to Reaney Avenue. The first will be a leased T1 from Reaney Avenue to the MnDOT John Ireland building, where it will travel on a MnDOT T1 to Water's Edge. The second will use existing M Health Fairview fiber to get from Reaney Avenue to their ambulance facility in Forest Lake. A leased T1 will connect the Forest Lake location directly to Water's Edge.

SECTION 1 - BACKGROUND

Introduction

This document is prepared as the technical plan for M Health Fairview's participation on the Minnesota ARMER 800 MHz trunked radio system. The primary audience for this plan is the Statewide Radio Board Operations & Technical Committee (OTC). Prior to submission to the OTC, this plan was presented to and accepted by the Metropolitan Emergency Services Board's Radio Technical Operations Committee, as well as the Metropolitan Emergency Services Board.

Project Funding

M Health Fairview has identified internal funding to purchase and install the dispatch consoles and related equipment, as described in this document.

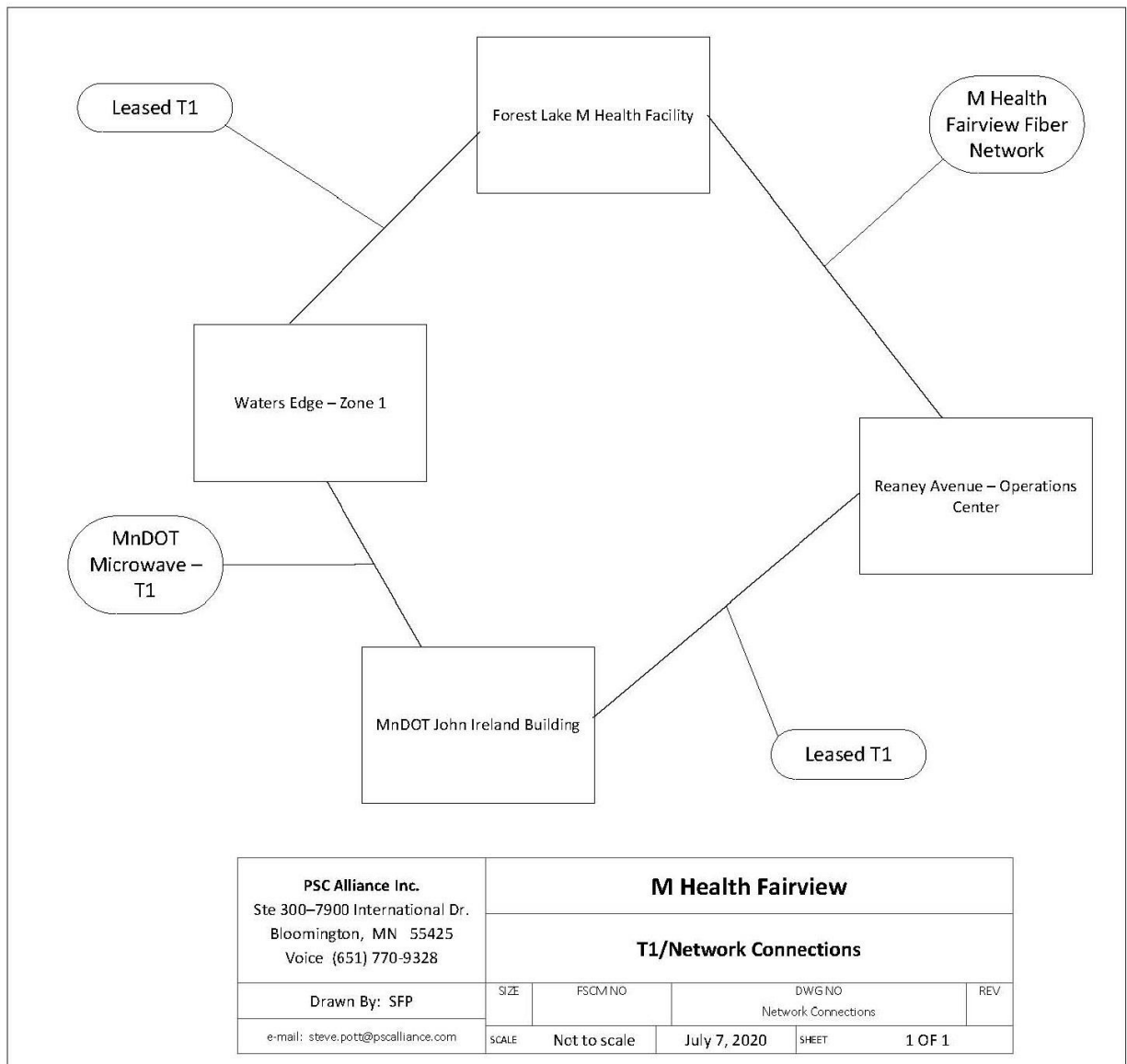# SECTION 2 – ELEMENTS OF THE TECHNICAL PLAN

M Health Fairview Location & Resources

M Health Fairview dispatch operations are located at 799 Reaney Ave, St. Paul. The communications center is currently equipped with ARMER control stations to facilitate communications with the units in the field.

M Health Fairview Connectivity

M Health Fairview intends to establish a dual connection to the ARMER network. Conversations, by M Health Fairview staff, with MnDOT staff have developed into a preferred strategy with one ARMER connection point being at the MnDOT John Ireland site, and the second will terminate at the Water's Edge site. A sketch of the planned connections is below.

PSC Alliance Inc. Ste 300–7900 International Dr. Bloomington, MN 55425 Voice (651) 770-9328	**M Health Fairview**				
	T1/Network Connections				
Drawn By: SFP	SIZE	FSCM NO	DWG NO Network Connections		REV
e-mail: steve.pott@pscalliance.com	SCALE	Not to scale	July 7, 2020	SHEET	1 OF 1

Backup & Redundancy

There will be three (3) control stations which will be used for backup at the Reaney Avenue location. Appropriate consideration will be given to good RF isolation engineering practices in configuring backup control station deployment. The control stations will be connected to the dispatch consoles using a CCGW(s).

Equipment Additions

M Health Fairview intends to implement a proposal from Motorola which includes services and Qty. 4 – MCC7500e workstations, a Conventional Site Controller, Qty. 2 – CCGW's and the necessary switches and routers to complete the connectivity to the ARMER network. The 2 Conventional Channel Gateway's (CCGW) will support the operation of the backup 800 MHz control stations. See Attachment 1 for Motorola Proposed Equipment Configuration.

M Health Fairview Audio Logging

M Health Fairview will contract with an existing AIS based logging system. At this point in time, Central Minnesota or the Rice/Steele County may host ARMER logging. This contracted arrangement will be implemented by the time the console system is installed.

System Loading/Call Activity

All of the dispatch and subscriber unit radio traffic is currently carried on the ARMER network. The monthly activity reports distributed by MnDOT show that the overall M Health Fairview (HealthEast) talkgroup traffic is very consistent:

Month	Total Seconds
Sept 2019	1,752,275
October 2019	1,825,335
November 2019	1,740,848
December 2019	1,805,560
January 2020	1,839,182
March 2020	1,651,319
April 2020	1,346,822
May 2020	1,624,798
June 2020	1,757,098

The net amount of radio traffic is expected to remain the same or drop slightly, because the dispatch audio will originate from the system rather than over the air.

<u>Subscriber Radio Fleet/Radio ID's</u>

According to the MnDOT reports, M Health Fairview recently had 176 radio ID's registered in the system, 3 of which are used for the control stations currently used for dispatch with the system. We anticipate using those existing control stations as backup in the dispatch center, after the console system is installed. M Health Fairview eliminated some unused ID's to bring the total to their authorized number – 164. M Health Fairview is not requesting any additional radio ID's. M Health Fairview will require new ID's for the MCC 7500 dispatch consoles.

<u>Fleet Map</u>

M Health Fairview currently has 14 talkgroups defined in the system. M Health Fairview is allowed up to 26 talkgroups. M Health Fairview does not expect to need more than 26 talkgroups over the next five (5) years.

The M Health Fairview Statewide talkgroup is only used in those cases where a transport vehicle leaves the metropolitan area for a long-distance transport. The out of area transports involve minimal communications.

<u>Interoperability</u>

Primary interoperability will be achieved via shared use of the ARMER regional and statewide interoperability talkgroups. All M Health Fairview radios will be programmed with the required interoperability talkgroups for an EMS provider.

<u>Schedule</u>

M Health Fairview hopes to install the new consoles in the next several months and desires to secure MESB, OTC, and SECB approvals by December 31, 2020.

<u>Training</u>

M Health Fairview is already a limited participant on the ARMER system. Their staff receives ARMER training when they are hired and receive the initial employee training. The operation of the new consoles will require some training, but the dispatchers are already trained in the appropriate use of ARMER resources.

<u>System Maintenance</u>

M Health Fairview uses Baycom from Maple Grove, MN as their maintenance and service provider.

System Administration

M Health Fairview intends to initially use Baycom for system administration. M Health Fairview staff recently attended the CPS and best practices training to perform radio programming. M Health Fairview intends to send staff to additional training to perform the system administration function, in the future.
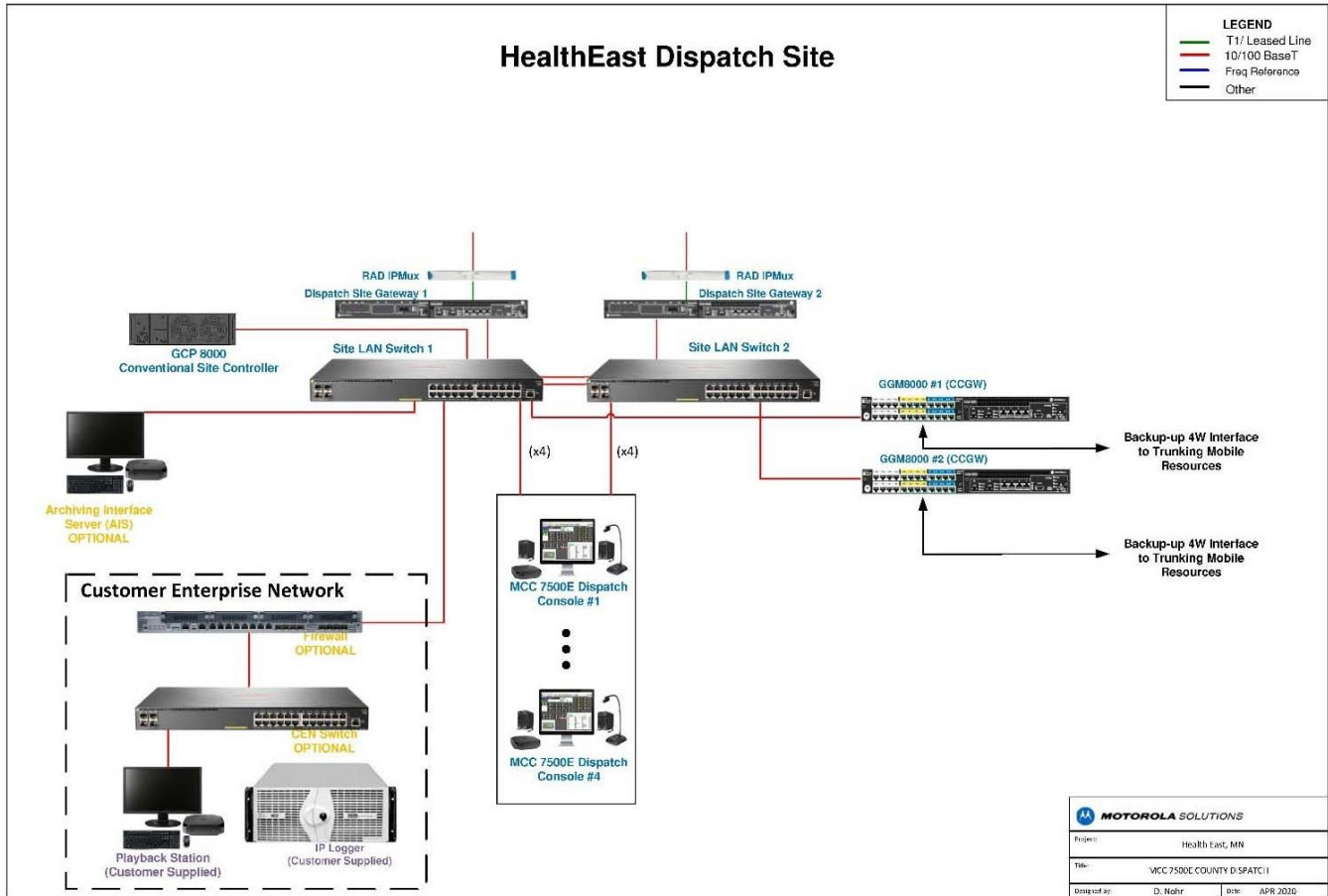
SUMMARY

In summary, the major elements of this participation plan request are:

- Installation and connection of 4 position MCC7500 Console system

- Dual T1 connectivity to the zone controller

- Continued authorization for 26 talkgroups, including the existing statewide roaming talkgroup

- Increase authorization to 195 radio ID's

- Authorization for 5 new ID's for the MCC 7500 Console system

M Health Fairview looks forward to approval of this plan with expected beneficial use of the consoles by December 31, 2020. M Health Fairview believes migrating to fully functioning ARMER consoles will make the most efficient use of the ARMER system and allow for best patient service.

Attachment A - Motorola Proposed Equipment Configuration

Ms. Jodi Mager
HHS Security Department MC RL
701 Park Ave South
Minneapolis, MN 55415

6/29/2020

Ms. Tracey Fredrick
Metropolitan Emergency Services Board
2099 University Ave West
St. Paul, MN 55105

Dear Ms. Fredrick,

Hennepin Healthcare is requesting the approval to add 1 new MCC7500 dispatch console from the Technical Operations Committee.
Hennepin Healthcare is planning to add 1 new MCC7500 dispatch console operator position at our facility. This additional operator position is needed to meet our day to day operational demands. We currently have 2 dispatch consoles but operate a 3 desk dispatch center. We are working with Motorola to procure the equipment and project management services. For installation we will be working with the Hennepin County Sheriff's Office technicians. We are expecting this work to be completed during the 3rd quarter of this year.

Thank you.

Sincerely,

Lt. Jodi Mager

ARMER
TALKGROUP
AUTHORIZATION REQUEST

Requesting Entity Information	
Entity: Stearns County Sheriff's Office	Date: 7/16/2020
Requestor: Kristen Lahr, Local ARMER System Admin	
Address: 807 Courthouse Square	
Telephone: 320-259-3727	
Email: Kristen.lahr@co.stearns.mn.us	
Requestor Signature:	

Talkgroup Requests			
Talkgroup	Radio Types	Radio Quantities	Hex ID (provided by Authorizing Agency)
ME-TAC 1	Portable	1 – Dep Hailey Harris	
ME-TAC 2	Portable	1 – Dep Hailey Harris	
ME-TAC 3	Portable	1 – Dep Hailey Harris	
ME-TAC 4	Portable	1 – Dep Hailey Harris	
ME-TAC 5	Portable	1 – Dep Hailey Harris	
ME-TAC 6	Portable	1 – Dep Hailey Harris	
ME-TAC 7	Portable	1 – Dep Hailey Harris	
ME-TAC 8	Portable	1 – Dep Hailey Harris	
ME-TAC 9	Portable	1 – Dep Hailey Harris	
ME-TAC 10	Portable	1 – Dep Hailey Harris	

Reason for the Request
Example: Add regional talkgroups to fire department portable and mobile radios for interoperability with other neighboring departments.
Request to add ME-TAC 1-10 to portable radio assigned to Deputy Hailey Harris. Harris will begin part-time employment in August 2020 with University of Minnesota Police Department for special events. She will be using her Stearns County issued portable radio for this assignment.

Authorizing Entity Information			
Approval:	YES	NO	YES w/CONDITIONS (see below)
Approved By:			
Approver's Entity:			
Approver's Telephone:			
Approver's Email:			
Approver's Signature:			Date:

Conditions
Example: Request authorization must be reviewed and renewed every two years from approver's signature date.

Talkgroup Authorization Requests are considered by the talkgroup's owner (city, county, or region) and should be submitted to that entity. Record of the authorization should be maintained by the authorizing entity and, if applicable, the entity's sponsoring agency.

Metro Mobility Usage
(Hours:Mins:Secs)
2020

Month	City Center	Anoka (Lino Lakes)	Dakota	Norwood	Hastings	North Branch	Hennepin West	Overall
January	264:04:13	164:51:33	65:13:05	60:46:17	114:00:44		124:17:17	793:13:09
February	120:22:06	73:56:37	30:25:30	20:41:31	75:49:33		44:19:06	365:34:23
March	33:07:38	21:39:22	6:26:10	7:10:40	10:21:55		15:02:45	93:48:30
April	22:53:43	12:23:13	3:30:48	4:30:04	6:11:47		9:39:49	59:09:24
May	23:02:12	15:46:27	3:40:44	3:17:29	4:27:22		10:20:52	60:35:06
June	48:54:05	30:00:47	13:44:17	8:08:26	25:39:15		20:54:00	147:20:50
July								
August								
September								
October								
November								
December								

	City Center	Anoka (Lino Lakes)	Dakota	Norwood	Hastings	North Branch	Hennepin West	Overall
Difference since Jan. 12	656:57:50	385:58:45	298:06:15	222:53:22	265:34:15	0:26:46	152:56:51	1982:54:04
Target	150:00:00	75:00:00	75:00:00	75:00:00	75:00:00	0:00:00	75:00:00	525:00:00