METROPOLITAN EMERGENCY SERVICES BOARD
RADIO TECHNICAL OPERATIONS COMMITTEE AGENDA
August 24, 2022, 1:00 p.m.

This meeting will be conducted in-person at the MESB Office, 2099 University Ave W, St Paul ONLY

1. **Call to Order** – Committee Chair, Jake Thompson

2. **Approval of Agenda** – Thompson

3. **Approval of Minutes of July 27, 2022 Meeting** – Thompson

4. **Action Items**
    A. COMU Recognitions/Renewals – Tracey Fredrick
        i. Michael Ostlund COMT/AECS Renewal
    B. Edina Participation Plan Amendment – Andrew LaVenture
    C. Avera CareFlight Talkgroup Request – Dan Klawitter
    D. Metro Transit BDA Request – Chad LeVasseur
    E. US Marshals Talkgroup Request – ██████████/Fredrick
    F. 2023 Regional Radio Grant Priorities – Fredrick
    G. Representation to State/SECB Change Management Workgroup – Fredrick

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

6. **Committee Reports**
    A. Metro Mobility System Usage Update – Chad LeVasseur/Clay Stenbeck
    B. System Managers Group Update – Ron Jansen
    C. MnDOT ARMER System Update – John Anderson/Dave Klema
    D. SECB Committees
        i. Steering – Jill Rohret/Fredrick
        ii. LMR – Nate Timm/Nick Schatz
        iii. WBBA – Rod Olson/Thompson
        iv. IOC & Workgroups
            a. IOC – Thompson/Timm
            b. STR Workgroup – Schatz/Mike Parker
            c. COMU Workgroup – Timm/Dan Anderson
        v. IPAWS – Scott Haas
        vi. Finance/Grants Workgroup – Fredrick

7. **Other Business**
    A. METAC Permission update – Fredrick
    B. Console Profile Change Management Submission – Jansen

8. **Adjourn**

Reminder: Next meeting scheduled for September 28, 2022

Metropolitan Emergency Services Board

**Radio Technical Operations
Committee
July 27, 2022
Draft Meeting Minutes**

Members

Derek Baas, Sherburne County
Cory DeMuth, Anoka County
Ryan DeYoung, MAC Airport-**absent**
John Elder, Isanti County-**absent**
Scott Gerber, MN St. Fire Chiefs-**absent**
Ron Jansen, Dakota County
Chad LeVasseur, Metro Transit
Rod Olson, Minneapolis

Dan Palmer, Ramsey County-**absent**
Mike Parker, Hennepin County-**absent**
Peter Sauter, Carver County
Nick Schatz, Scott County
Chuck Steier, U of M - **absent**
Jake Thompson, Chisago County
Nate Timm, Washington County
Victoria Vadnais, EMS

Guests: Mike Melby, *North Memorial*

MESB Staff: Tracey Fredrick, Jill Rohret

1. Call to Order
Jake Thompson, Chair called the meeting to order at 1:00 p.m.

2. Approval of Agenda
Tracey Fredrick asked to add an update in the form of a letter from Dave Theis in Moves, Additions and Changes.

Motion (Jansen/Vadnais) to approve the July 27, 2022 agenda.

3. Approval of March 23, 2022 Minutes
Motion (Schatz/DeMuth) to approve the June 22 ,2022 minutes.

4. Action Items
A. COMU Recognitions/Renewals
i.   **Benton Jackson COMT/AECS Recognition**
ii.   **Clayton Bartholow COMT Recognition**
iii.   **Dave Johnson COMT/AECS Recognition**
Tracey Fredrick said all three candidates have met all the requirements for COMU recognition.

Motion (Jansen/Sauter) to approve COMU recognition for all three candidates. Motion passed.

B. Workgroup Formation for MCC7550e/Wireless Standards and Best Practices
Fredrick said the June Radio TOC held a discussion about possible issues that may arise with usage of MCC7500e and other wireless devices. This topic was also discussed earlier this week at a SECB standards call. Also discussed was that the region possibly wait until the state has updated its standard revision.

Motion (Jansen/Schatz) to table discussion until the state has completed their revision. Motion passed.

C. Opening of Metro Change Management
i.   **Open METAC 11E and 12E**
ii. **Addition of LE only talkgroups**

Metropolitan Emergency Services Board

Fredrick said there has been a request to change some metro talkgroups. The TOC is to review those requests.

Ron Jansen said the request for new METACs is coming about due to how often these talkgroups are in use. Adding four additional METACs for regional use for law enforcement only would assist in freeing up LTACs for statewide use. Using the two encrypted METACs for civil unrest has led to them being mostly "open" to any group. Desire to officially open 11E and 12E and adding two new LE-only encrypted talkgroups.

Rod Olson said that there will be a need for more DES-OFB groups as people transition to AES encryption. Will there be options for both so programming only has to happen once? Jansen commented that there should be two of each encryption type so that they can be programmed as such.

Nick Schatz also suggested bringing forth METCOM encryption.

Nate Timm also suggested bringing forth having a region-wide call talkgroup.

Suggestion for forming a workgroup among metro region of both Radio and 9-1-1. Ron Jansen volunteered to chair, Nick Schatz volunteered to co-chair. Jake Thompson said he would bring this up at the next 9-1-1 TOC meeting.

Rohret said there should not be a majority from each group, because then it would count as a quorum for open meeting.

Jake Thompson said so there should be five from this group and five from the 9-1-1 TOC.

Motion (Jansen/Timm) to approve a workgroup formed with a maximum of five Radio TOC, five from 9-1-1 TOC members, with Ron Jansen as chair. Motion passed.

5. Moves, Additions & Changes to the System
Fredrick said that she has received a notice via Dave Theis of the U of M from Crow Wing County who currently has an MCC7550E that they want to put onto the U of M side. The U of M currently has ports for it so there would be no change for that.

Jansen said he talked to Theis yesterday and this would mostly be for backup for Crow Wing County, as it does not have any current redundancy in place should its center need to be evacuated.

Jansen said there will be changes to its ethernet next Monday, in line with the MnDOT changes.

Timm said the St. Paul Park water tower is done.

6. Committee Reports
A. Metro Mobility System Usage Update – no change in usage
Fredrick suggested this item is kept on the monthly agenda for the remainder of this calendar year and then go to a quarterly report after. The data will be kept in the packet each month.

B. System Managers Group Update – no meeting
Jansen said due to lack agenda items, there was no meeting. Next month the SMG meeting agenda will include the MNDOT report on change to ethernet backhaul. Motorola will present SUA upgrades at the next meeting.

C. MnDOT ARMER System Update – no report

Metropolitan Emergency Services Board

D. SECB Committees
i. Steering – no meeting

ii. LMR
Timm said the LMR Committee met on July 12. There was an item added to the agenda on the U of M plan. Also discussed were the SCIP goals, LMR encryption and change management process, and LMR-LTE integration.

Fredrick said the next scheduled meeting is August 9, which is also primary election day. Committee has not yet said if the meeting is cancelled or moved.

iii. WBBA – no update

iv. IOC & Workgroups
a.   IOC
Jake Thompson said the Interoperability Committee met July 19. Action items included two COMU recognitions and a work group charter. The Fire Service Best Practices Guide was reviewed. SCIP goals and current vacancies were discussed. The MnFOG draft was also presented.

b. STR Workgroup – no meeting

c. COMU workgroup – no meeting

d. IPAWS – no update

vi. Finance/Grants Workgroup
Fredrick said both committees met in July. There was a Finance Committee all-day retreat where and education and outreach charter was discussed. SECB grant management, rules and responsibilities of the Finance Committee, and funding methods for on-going projects were discussed.

Fredrick said next month grant priorities will be discussed during the regular TOC meeting.

Rohret said the MESB has approved the 2023 preliminary budget that includes training money from the operational budget, specifically for radio technical training.

7. Other Business
A. METAC Permission update – no new requests

8. Adjournment 1:42 P.M.

COMU Position Recognition Application

Application Type:
☐ Initial Application   ☑ Renewal   ☐ Change of Status

Position:
☐ COML   ☑ COMT   ☐ INCM
☐ INTD   ☐ RADO   ☐ AECS

Name (Last, First Middle)	Ostlund, Michael John
Certifying Agency	Hennepin County Emergency Management
County	Hennepin, MN
ECB/ESB Region	Metro
Agency Address	1600 Prairie Drive - Medina, MN 55340
24/7 Telephone	
Business Telephone	612.596.0253
Email Address	michael.ostlund@hennepin.us
Signature	
Date	21 JUL 2022

Agency Certification (this section must be completed even if PTB Agency Certification form was completed)

The above named individual seeking state recognition for the above identified COMU position(s) is recognized by the above named agency in that COMU position. The person serves the agency as a paid employee or as a volunteer but, in either case, is recognized as an employee for the purposes of Workers Compensation, liability, and all other liability-related protections afforded employees of the agency, when activated for duty.

When the above named person serves in the COMU position(s), whether within the agency's jurisdiction, or outside, the person serves as an employee/representative of the agency providing the Agency Certification.

Name & Title	Eric Waage, Director
Agency	Hennepin Coounty Emergency Management
Signature	
Date	26 July 2022

Regional Recognition

The ECB/ESB region has reviewed the request for state recognition and supports state recognition of this person.

Name & Title	
Region	
Signature	
Date	

SECB Interoperability Committee & Statewide Interoperability Coordinator (SWIC) Recognition

The SECB Interoperability Committee and the SWIC have reviewed and approved this request for state recognition.

SWIC Signature	
Date	

COMU Experience Record

Name
(Last, First Middle)   Ostlund, Michael John

Agency   Hennepin County EM   **ECB/ESB Region**   Metro

Position:
☐ COML   ☐ COMT   ☐ INCM
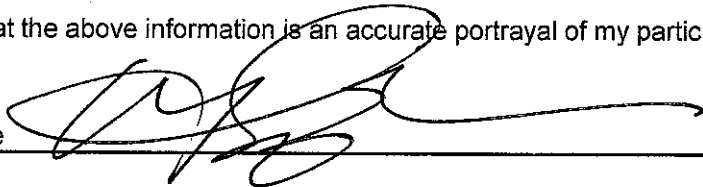☐ INTD   ☐ RADO   ☐ AECS

Detail activities below and attach supporting documents (use multiple lines or pages, as necessary).

POINTS	DATE(S)	SUMMARY (location, activity, participants, who can verify, general summary)
		See Attached Documentation

I certify that the above information is an accurate portrayal of my participation in the activities.

Signature _____   Date: 22 Jul 2022

The following is a summary of work performed by Michael J. Ostlund in support of my AUXCOMM AECS (Auxiliary Communications Specialist) work. It should be noted, while the bulk of my work was at the request of, and on behalf of Hennepin County Emergency Management, my experience over the past three plus years also includes work at the request of and on behalf of Eagles Nest Fire Department in Eagles Nest Township, MN, where I serve as an Emergency Medical Responder and Fire Fighter. I also serve as the Director of Emergency Management for the Township and am also the ENFD Communications Officer.

POINTS	DATE(S)	SUMMARY OF WORK
1	August 2021	Created an ICS-205 as part of the Eagles Nest Committee for Emergency Response (ENCEP) for their Emergency Preparedness Exercise. I also served as the Deputy IC (Incident Commander) during the exercise.
3	April 2022	Provided ARMER End-User Training to Hennepin County Emergency Management Staff
3	April 2022	Provided ARMER End-User Training to Hennepin County Public Health Staff
3	June 2022	ARMER – Provided ARMER Overview Training to the Bloomington AUXCOM Team on behalf of the City of Bloomington and HCEM
1	February 2021	ARMER Train-the-Trainer – Refresher Course. Alexandria, MN. 16 Hour classroom course in teaching ARMER. The training was provided by OnTarget Training.
3	January 2022	Worked to develop and write numerous SOP's (Standard Operating Procedures) for Hennepin County Emergency Management on Communications Topics including; SKYWARN Net Operations, Metro Auxiliary Emergency Net Operations, HCEM EOC Communications Operations, and Disaster Communications Trailer Operations.
3	April 2022	Provided ARMER End-User Training to the Eagles Nest (Township) Fire Department. Worked with St. Louis County Dispatch to demonstrate and train on the "Orange Button" on the XTS radios.
3	June 2022	Served as COMT Technical Specialist for HCEM Communications Operations during "Rockin' Rogers" community celebration. Assisted with the development of making the support of the City of Rogers into a COMMEX for the HCEM AUXCOMM Team looking to have PTB's signed off.
1	Ongoing	Provide leadership to the HCEM AUXCOMM (Auxiliary Communications Team)
3	October 2018 October 2019	Served as COMT as well as INCM for HCEM SET (Simulated Emergency Tests). This included coordination of the HCEM Radio Room and coordinating with outside agencies on testing of communications links and radios.
1	January 2021	Attended ICS-300 Intermediate ICS for Expanding Incidents online from the Wisconsin Office of Emergency Management.
1	February 2021	Attended ICS-400 Advanced ICS for Complex Incidents online from the Wisconsin Office of Emergency Management
3	January 2021	Continued to maintain and update the HCEM DCT – Disaster Communications Trailer. Designed and built multiple communications platforms that could be utilized in a disaster or for a pre-planned event,

		such as 'Rockin' Rogers Days."
3	January 2021	Served as Project Manager for HCEM's upgrade of the WC0HC Amateur Radio Repeater System. Worked with volunteers and vendors alike to design and install 6 amateur radio repeaters and upgraded controllers. Continue to work on the project developing interoperability with our new DMR (Digital Mobile Radio) repeaters. Also worked with Hennepin County Sheriff's Office Radio Technicians on installation of the system.
3	January 2020	Served as Project Manager for the design and installation of NOAAPort at HCEM. NOAAPort is C-Band Satellite System that delivers weather data to downlink stations. HCEM Installed two redundant systems in Plymouth and Medina to downlink weather data as well as Public Warning Data for the HCEM.
1	Ongoing	Participate in weekly SHARES (Department of Homeland Security) Shared Resources Radio Nets on behalf of HCEM.
3	August 2021	Participated in the first HSEM COMU COMMEX at Camp Ripley. HCEM brought the HCEM DCT where I was the contact to setup and demonstrate the capabilities of the DCT to other members of the Minnesota Communications Unit class.
1	April 2022	Attended the Minnesota DPS Emergency Communications Networks Communications Conference at Breezy Point.

Renewal Tasks

To renew recognition, COMTs must earn five points (one point if renewing in 2018) by engaging in the following tasks:

POINTS	DESCRIPTION	DETAILS
1	Assist in the development of an ICS-205	In conjunction with a COML, draft an ICS-205 for a real exercise, event, or emergency.
1	Attend a continuing education course	May be in-person or online. It must focus on Emergency Communications or the Incident Command System.
3	Give a COMU-related presentation	Must be on a COMU-related topic to an audience.
3	Assist with developing or coordinating a Communications Exercise	Examples: Formal COMMEX, informal communications exercise, and incorporating a communications component into a non-communications exercise
3	Serve as a COMT in a real-world, planned or unplanned event	Must be under the control of a COML. Must be for at least one operational period.
Variable	Participation in other communication activity	Request must be detailed in writing and must be preapproved by the COMU workgroup

Appendix D: Communications Unit Technician (COMT)

Summary

The Communications Technician (COMT) works directly for the COML within the Incident Command System (ICS). The COMT provides the technical skills to implement required equipment and needed systems. The COMT also assists the COML in designing the system needs for the incident. A COMT is responsible for supporting the technical activities of the Communications Unit. A COMT programs, maintains, repairs communications equipment, ensures radio/system coverage, provides for equipment distribution, tracks equipment, and manages radio cache and gateways. The COMT can support radio, data, telephone, satellite or other systems as available or required.

Summary of Responsibilities:

1. Supporting the technical functions of the Communications Unit.
2. Install, test, trouble shoot communications systems.
3. Identify requirements for radio system coverage.
4. Support battery needs.
5. Resolve interference issues.
6. Program radios.

Responsible Authority

The All-Hazards COMT position is recognized and governed by DHS.

Prerequisites (Required)

- IS-100, Introduction to the Incident Command System (ICS)
- IS-200, Incident Command System (ICS) for Single Resources and Initial Action Incidents
- IS-700, National Incident Management System (NIMS), An Introduction
- IS-800, National Response Framework (NRF), An Introduction
- Successful completion of a DHS-recognized COMT course
- Completed Position Task Book (PTB)

Desired Courses

There are no DHS-desired courses for the COMT position.

Minnesota-Specific Requirements

There are no Minnesota-specific requirements to be recognized as a COMT in Minnesota.

Position Task Book Evaluator Requirements

To evaluate and sign off in the PTB of a COMT Trainee, the Evaluator must be a Minnesota-recognized COML or COMT.

COMU Position Recognition Application

Application Type:
☐ Initial Application   ☑ Renewal   ☐ Change of Status

Position:
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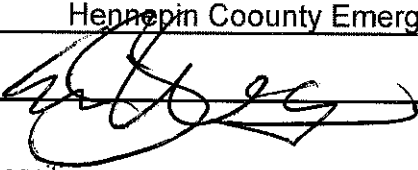
Name & Title	Eric Waage, Director
Agency	Hennepin Coounty Emergency Management
Signature	
Date	

Regional Recognition

The ECB/ESB region has reviewed the request for state recognition and supports state recognition of this person.

Name & Title	
Region	
Signature	
Date	

SECB Interoperability Committee & Statewide Interoperability Coordinator (SWIC) Recognition

The SECB Interoperability Committee and the SWIC have reviewed and approved this request for state recognition.

SWIC Signature	
Date	

COMU Experience Record

Name
(Last, First Middle)   Ostlund, Michael John

Agency   Hennepin County EM   ECB/ESB Region   Metro

Position:
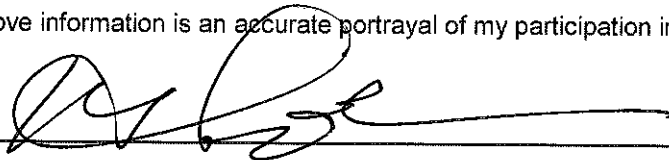☐ COML   ☐ COMT   ☐ INCM
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1	April 2022	Attended the Minnesota DPS Emergency Communications Networks Communications Conference at Breezy Point.

Appendix H: Auxiliary Emergency Communication Specialist (AECS)

Summary

Auxiliary Communications (AUXCOMM) is an all-inclusive term used to describe the many organizations and personnel that provide various types of communications support to emergency management, public safety, and other government agencies. These uniquely qualified communicators provide Auxiliary Communications to NIMS/ICS personnel and public safety partners. Additionally, Auxiliary Communicators frequently provide communications support during planned events, community functions, and training exercises.

AUXCOMM covers a broad range of amateur radio systems that could potentially be used during an incident, to include: HF, VHF, UHF, satellite communications (SATCOM), microwave, Wi-Fi, digital, video, photos, VOIP, and other modes.

Minnesota recognizes the Auxiliary Emergency Communications Specialists (AECS) position to directly serve the needs of the Communications Unit. AECSs are technical specialists who implement and operate auxiliary communications systems and are direct a resource to the COML in planning and implementing different modes of Auxiliary Communications.

Responsible Authority

AUXCOMM training is managed by DHS. The Minnesota-specific AECS position recognized by the SECB.

Prerequisites (Required)

As a Minnesota-recognized position, there are no DHS requirements to be recognized as an AECS.

Desired Courses

As a Minnesota-recognized position, there are no DHS-desired courses for the AECS position.

Minnesota-Specific Requirements

- IS-100, Introduction to the Incident Command System (ICS)
- IS-200, Incident Command System (ICS) for Single Resources and Initial Action Incidents
- IS-700, National Incident Management System (NIMS), An Introduction
- IS-800, National Response Framework (NRF), An Introduction
- FCC Amateur Radio license
- Successful completion of a DHS-recognized AUXCOMM course
- Completed Position Task Book (PTB)

Position Task Book Evaluator Requirements

To evaluate and sign off in the PTB of an AECS Trainee, the Evaluator must be a Minnesota-recognized COML or COMT.

Renewal Tasks

To renew recognition, AECSs must earn five points by engaging in the following tasks:

POINTS	DESCRIPTION	DETAILS
1	Assist in the development of an ICS-205	In conjunction with a COML, draft an ICS-205 for a real exercise, event, or emergency.
1	Attend a continuing education course	May be in-person or online. It must focus on Emergency Communications or the Incident Command System.
3	Give a COMU-related presentation	Must be on a COMU-related topic to an audience.
3	Assist with developing or coordinating a Communications Exercise	Examples: Formal COMMEX, informal communications exercise, and incorporating a communications component into a non-communications exercise
3	Serve as an AECS in a real-world, planned or unplanned event	Must be under the control of a COML. Must be for at least one operational period.
Variable	Participation in other communication activity	Request must be detailed in writing and must be preapproved by the COMU workgroup

8/15/2022

Tracey Fredrick, MA
Radio Services Coordinator
Metropolitan Emergency Services Board
2099 University Avenue West
St. Paul, MN 55104

RE: Edina ARMER Participation Plan Amendment

Dear Tracey,

The City of Edina is requesting approval for the following modifications to our ARMER participation plan:

1. The addition of two (2) Motorola MCC7500E laptop dispatch consoles. These deployable dispatch consoles will provide continuity of operations should the Edina PSAP need to temporarily relocate as well as for Edina Emergency Operations Center activations. Additionally, these consoles will support our Incident Tactical Dispatchers when they activate for local, regional, state, and federal incidents/events.

    The Motorola MCC7500E consoles will include hardware encryption (CRYPTR). Initial set-up and configuration of the MCC7500E's will be accomplished by On Target Training & Consulting (OTTC). Connection to the ARMER system will be accomplished through the University of Minnesota's ECC firewall with a secure VPN connection. See proposed network connection diagram on the next page for details.

2. Addition of one (1) ARMER Network Management Terminal (NMT). The NMT would be located at the Edina PSAP in a secure area for access to the ARMER network for authorized users in accordance with Standard LMR-28. Remote NMT access may be established via an IP-KVM on the City of Edina's network (VPN) in accordance with Standard LMR-34.

Should you have any questions, please don't hesitate to contact me.

Sincerely,

Digitally signed by Andrew
LaVenture
Date: 2022.08.15 09:44:23 -05'00'

Andrew LaVenture
Communications Unit Leader
Edina Fire Department
952-826-0343
alaventure@edinamn.gov

Connected MCC7500E Consoles

VPN via FortiClient

MCC7500E Edina FD Op-20

MCC7500E Consoles Edina FD Op-21

UM Wifi Or Broadband

U of M Firewall

U of M Campus VPN Netowrk

U of M VPN Gateway

Motorola Juniper SRX345 Firewall

Zone 1 Site 29 LAN HP Switch Subnet

Proxy Server #2

Proxy Server #1

MCC7500 Consoles (existing) Op #'s 1-6

MCC7500E Console (Inside RNI) Op#10

**U of M PSECC RADIO NETWORK (RNI)**

GGM8000 Site Routers

Aggregate BW: 3.08 MBps

T1#2

T1#1

To Zone 1 Core

ZDS (Zone Database Server)
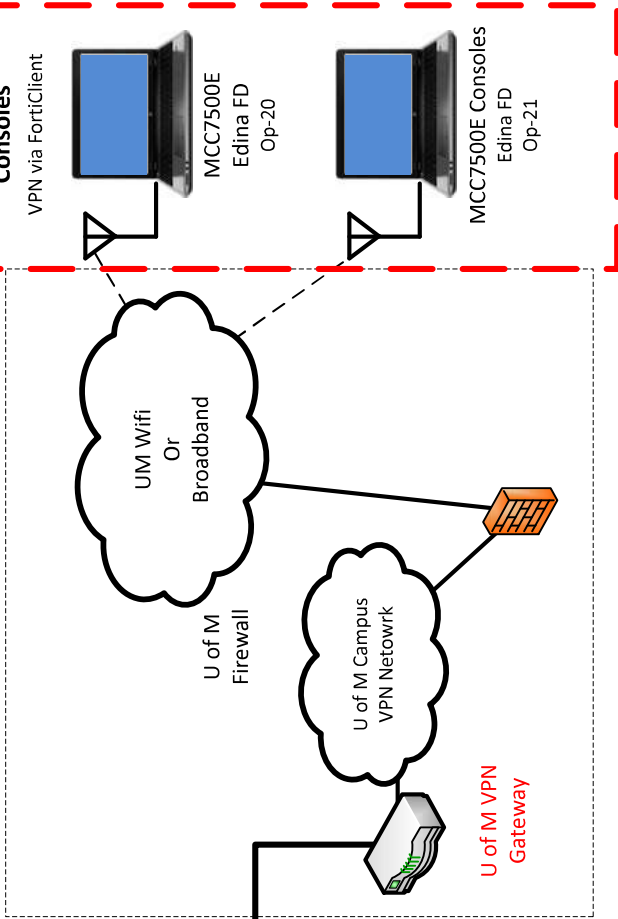
When connected to a VPN, all communications from the MCC7100 Console to the RNI occur via a secure encrypted IPIP tunnel to prevent eavesdropping or sniffing of radio traffic. The MCC7100 laptop will not be allowed access to the Internet when connected (no split-tunnelling).

University of Minnesota
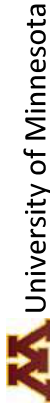
		SIZE 8.5x11
PROJECT: City of Edina Fire Dept MCC7500E Addition		ST Dave Theis
TITLE: System Release 2020.1	PROJECT MGR	
DATE 8-2-2022	ENGINEER Dave Theis	

UNIVERSITY OF MINNESOTA

Twin Cities Campus   *Department of Public Safety*   *University Office Plaza – Suite 123*
             Emergency Communications   *2221 University Avenue S.E.*
                              Minneapolis, MN 55414
                              Office: (612)624-7828

August 15, 2022

Tracey J. Fredrick, MA
Radio Services Coordinator
Metropolitan Emergency Services Board
2099 University Avenue West
St. Paul, MN 55104

ARMER Participation Plan Amendment

Dear Tracey,

The University of Minnesota Public Safety Department is requesting approval for the following modifications to our ARMER participation plan:

1. The City of Edina is planning to add 2 MCC7500E laptop consoles to the ARMER network. The City desires to make the connections to ARMER by way of the University of Minnesota's ARMER firewall and Proxy Server. The VPN connection for this console will be through the University of Minnesota's Twin Cities Police Dispatch site located in zone 1 (dispatch site #29). Remote access connectivity will be from either local Wi-Fi, cellular broadband, or FirstNet. The method of connecting to the University of Minnesota's VPN will not matter as all connections will be routed to the University's VPN server.

2. The University has planned for this addition and will reconfigure the system accordingly. Edina will be allocated two of the 20 available Proxy Server licenses previously approved by the Committee.

3. The Unit IDs assigned to the console will be in the ID range allocated to Edina via Hennepin County.

4. Security Group structure in Provisioning Manager will be Univ of MN.

5. Technical support for the console will be through a combination of On Target Training and Consulting and The University of Minnesota PSECC.

6. Local System responsibility for the consoles will be assigned to

    Andrew LaVenture
    Communications Unit Leader (COML)
    Work: 952-826-0343
    Cell: 612-590-0877
    alaventure@EdinaMN.gov

UNIVERSITY OF MINNESOTA

Twin Cities Campus   ***Department of Public Safety***   *University Office Plaza – Suite 123*

                                     Emergency Communications   *2221 University Avenue S.E.*

   Minneapolis, MN 55414

   Office: (612)624-7828

Sincerely,

Dave Theis
Radio System Administrator
University of Minnesota Dept of Public Safety
(320) 423-8828
dtheis@umn.edu

Hi Tracey,

I was forwarded a request for ARMER radio permission from Avera CareFlight out of Sioux Falls, SD. They fly into the metro occasionally and would like access to the ARMER system, SMRCC would be an appropriate talkgroup for outstate air transports services to utilize. I am being told that their radio shop, Electronic Engineering, in Sioux Falls has received training and permission by MN to do radio programming. They would like to officially get permission to add SMRCC to their radios, who can help me with this?

Thank you in advance for your assistance.

Regards,

Dan

Daniel B. Klawitter EMT, EMD-Q, COML

Deputy Chief - Manager
Communications & West MRCC
Hennepin EMS
w 612-873-7522 | c 612-760-1706 | f 612-904-4605
daniel.klawitter@hcmed.org
hennepinems.org

Hennepin Healthcare
HCMC RED Building, 2nd FL. Room: R2.124
Mailing Address: 701 Park Avenue, Mail Code: MC R2 | Minneapolis, MN 55415
Hennepin Healthcare | Facebook | Twitter | HQMedEd | Hennepin EMS

Our Mission
We partner with our community, our patients and their families to ensure access to outstanding care for everyone, while improving health and wellness through teaching, patient and community education, and research.
Our Vision
Transforming the health of our community – exceptional care without exception.
Our Values
Patient & Family Centered • Excellence • Teamwork • Respect • Integrity • Compassion

August 15, 2022

Jake Thompson, Chairman
Radio Technical Operations Committee
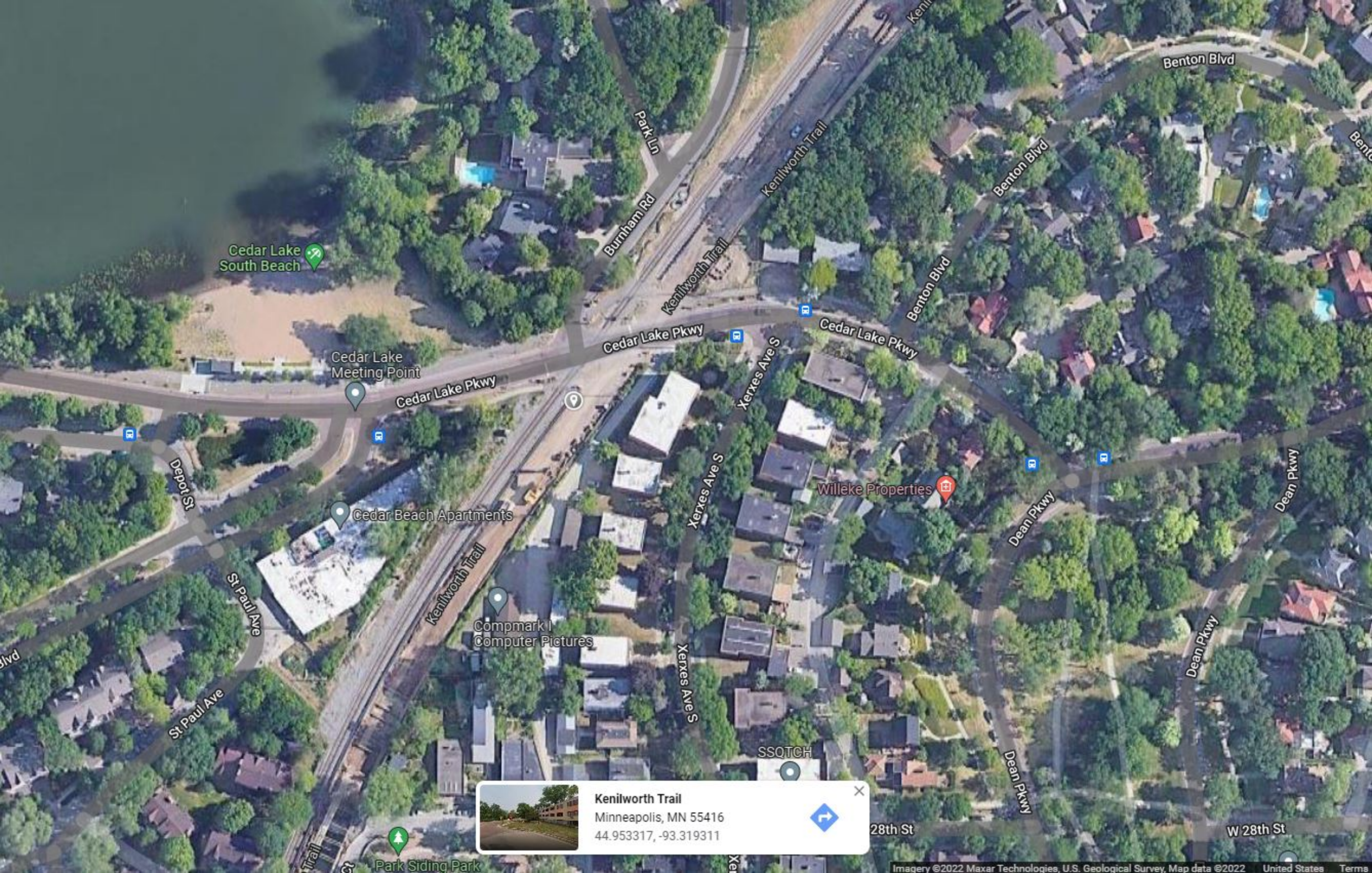Bi Directional Amplifier Request

Metro Transit is seeking permission to add Bi Directional Amplifiers in two
tunnels being built as a part of the light rail extension.

These units will be installed in tunnels at TH-62 in Minnetonka and Kenilworth
trail in Minneapolis. These units are needed to provide coverage in the tunnels in
case of emergency.

These units will be similar to the BDA at the airport and will utilize the City Center
site just like the rest of Metro Transit's BDA's. Metro Transit is currently in the
process of getting these units registered with the FCC.

Sincerely,

Chad LeVasseur
Manager of Communication Systems
Metro Transit

Benton Blvd

Park Ln

Kenilworth Trail

Benton Blvd

Benton Blvd

Burnham Rd

Kenilworth Trail

Cedar Lake
South Beach

Kenilworth Trail

Cedar Lake Pkwy

Cedar Lake Pkwy

Cedar Lake
Meeting Point

Cedar Lake Pkwy

Xerxes Ave S

Willeke Properties

Dean Pkwy

Depot St

Cedar Beach Apartments

Kenilworth Trail

Xerxes Ave S

Dean Pkwy

St Paul Ave

Compmark I
Computer Pictures

Xerxes Ave S

Dean Pkwy

Blvd

St Paul Ave

SSQTCH

W 28th St

Park Siding Park

Kenilworth Trail
Minneapolis, MN 55416
44.953317, -93.319311
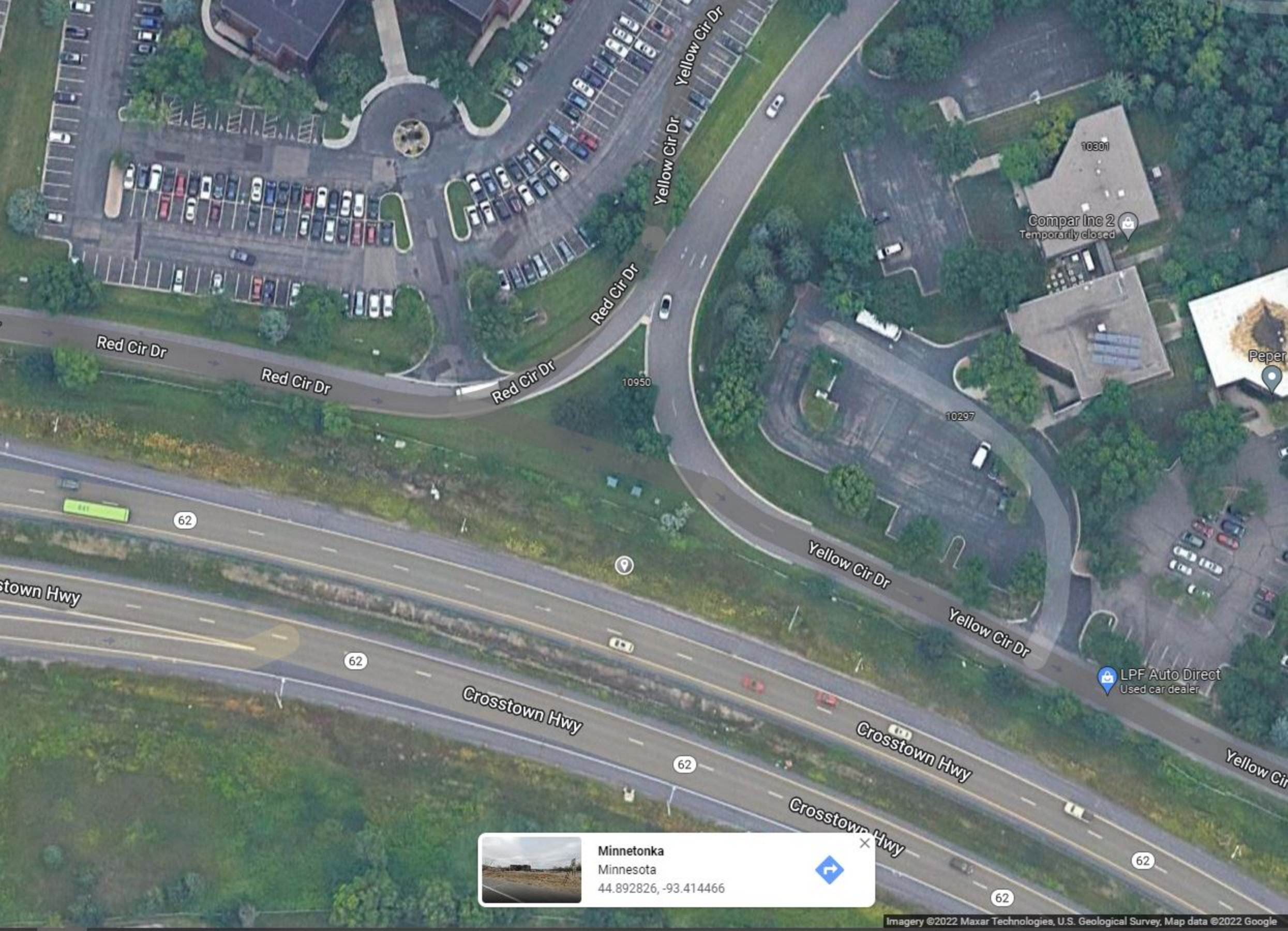
W 28th St

Yellow Cir Dr

Yellow Cir Dr

Red Cir Dr

Red Cir Dr

Red Cir Dr

Red Cir Dr

10950

10301

Compar Inc 2
Temporarily closed

10297

Peper

62

Yellow Cir Dr

Yellow Cir Dr

LPF Auto Direct
Used car dealer

Crosstown Hwy

Crosstown Hwy

62

Crosstown Hwy

Crosstown Hwy

62

62

Yellow Cir

stown Hwy

Minnetonka
Minnesota
44.892826, -93.414466

Imagery ©2022 Maxar Technologies, U.S. Geological Survey, Map data ©2022 Google

Good morning, ma'am

My brother, Jacob ██████ with Allina EMS Dispatch, passed along your contact information and said you'd be the person to talk to. Myself and ████ are deputies with the U.S. Marshals Service in the District of Minnesota and also work with the North Star Fugitive Task Force. I thought it would be prudent to add both MRCC East and MRCC West to our comms in the event that we are unable to have an ALS service on standby during the service of high risk warrants. We self-transport to the nearest level 1 or level 2 trauma centers in the event of an officer down event. I am generally designated as the medic (NREMT-Basic) during these ops, and having the channels provided so we could coordinate with the trauma centers prior to arrival, or be re-routed to another trauma center in the event that the closest one available is at capacity and unable to active a trauma team activation for us. Deputy ██████████, who I have cc'd, is our comms expert and can coordinate with you on the mechanics of adding the frequency. Let me know if you have any other questions, or would like to schedule a meeting with us as well. Thank you.

V/R

██████████
Deputy U.S. Marshal
North Star Fugitive Task Force-Minneapolis, MN
██████████ @usdoj.gov

Change Managaement Workgroup Update: 06.14.22

The SECB approved implementing the Change Management Workgroup of the LMRC including a variance regarding the four-year cycle of Change Management per ARMER Standard. LMR-47. The process is to begin now. The Statewide Emergency Communication Board (SECB) Land Mobile Radio Committee (LMRC) met on June 14, 2022 and developed a proposed structure for the Change Management Workgroup under the LMRC. The proposal needs your feedback.

The LMRC is initiating the Change Management process due to the recommendations approved by the SECB as a result of the LMRC Encryption Summit. The LMRC is committed to ensuring the right mix of technical and operational perspectives from all regions and interoperability partners are engaged while maintaining a balance between all disciplines and regions including Metro and Outstate. The group wants to build bridges, not silos.

The LMRC is seeking input from all regions through LMRC Representatives on the following proposed workgroup structure:

- Up to two technical representatives from each of the seven SECB Regions.
- Up to two operational representatives from each of the seven SECB Regions.
- An ARMER System Administrator (Level 2 or higher) representative from each system owner/operator of a subsystem with six or more channels on the ARMER Network.
- A representative from MNDOT and Emergency Communication Networks.
- A representative from MSP, DNR, BCA, HSEM, State Fire Marshall and National Guard.
- A representative from the Minnesota Sheriff's Association.
- A representative from the Minnesota Fire Chief's Association.
- A representative from the Minnesota Police Chief's Association.
- A representative from the Minnesota Ambulance Association.
- A Tribal representative.
- A representative from ARMER interoperability partners (FBI, CBP, USPIS, NPS, and cross border).

ACTION ITEMS:
The intention of the LMRC is to have a good mix of technical expertise while providing opportunity for input from a wider variety of operational perspectives. **The LMRC is placing this item on their August 9, 2022 Agenda. Your region's LMRC Representative will be voting on the makeup of the Change Management Workgroup of the LMRC and needs your input. If you need information on who your rep is, please contact Marcus Bruning.**

Any region requesting change management items to be included in addition to encryption should submit those for consideration prior to the August LMRC meeting.

The LMRC Change Management Workgroup will begin meeting after the August LMRC meeting. All representative nominations should be sent to LMRC Chair Dave Thomson and RIC Marcus Bruning.

Dave Thomson, LMRC Committee Chair
DThomson@rochester.mn.gov

Marcus Bruning
Marcus.Bruning@state.mn.us

METROPOLITAN EMERGENCY SERVICES BOARD

Meeting Date: **August 24, 2022**
Agenda Item: **XX. Approval of 2022 Regional**
                                                        Funding Priorities
Presenter: **Fredrick**

RECOMMENDATION
Each year, the Radio Technical Operations Committee (TOC) makes a list of potential uses for available grant funding. The priorities from the Radio TOC for Calendar Year 2022 were as follows (in priority order):

- Vendor-provided technical training
- Communications Response Task Force (CRTF) training/exercise
- Assistance to attend the 2021 Public Safety Communications Conference
- Creation of an updated ARMER training video
- Purchase of laptop radio consoles to be used throughout the region
- Funding local Bi-directional amplifier (BDA) requests
- Additional MCC7500e laptops to join current five agency consortium
- Upgrading MCC7500s
- AES Encryption
- T1 to ethernet backhaul infrastructure costs

BACKGROUND
Emergency Communication Networks (ECN) Division and the Statewide Emergency Communications Board (SECB) require regions to annually approve regional funding priorities. These priorities are to include projects/items/concepts for which regions can apply for grant funds through the SECB process. In the past, grants were only open to radio projects.

ISSUES & CONCERNS
Over the past two grant cycles, grant dollars for radio-related projects have become much more restricted. The region will still apply for funding, but do not expect to receive much for radio, if any. That being noted, the group should consider one to four priorities for a shorter list.

State grant objectives and SECB funding hierarchy will determine which projects MESB staff will include in the grant applications. Generally, staff will apply for the highest priority project from both areas.

MOTION BY:
SECONDED BY:
MOTION:

PASS/FAIL

METROPOLITAN EMERGENCY SERVICES BOARD

Meeting Date: August 24, 2022
Agenda Item: XX. Approval of 2022 Regional Funding Priorities
Presenter: Fredrick

<u>**FINANCIAL IMPACT**</u>
None to the MESB other than staff time to apply for and process grants. Equipment will likely require a 50% match from the awarded agency.

MOTION BY:
SECONDED BY:
MOTION:

PASS/FAIL

Metro Mobility Usage
(Hours:Mins:Secs)
2022

Month	City Center	Anoka (Lino Lakes)	Dakota	Norwood	Hastings	North Branch	Hennepin West	Overall
January	53:36:06	27:47:09	28:13:09	9:57:03	35:21:22		17:49:33	172:44:22
February	57:03:36	30:50:28	24:58:48	10:50:12	41:05:35		13:14:11	178:02:50
March	51:26:59	28:23:43	24:35:46	9:22:37	35:08:05		14:54:53	163:52:03
April	56:28:46	30:31:56	30:20:01	10:08:22	42:08:20		13:00:58	182:38:23
May	55:52:30	26:23:05	30:59:34	9:06:27	39:06:26		10:53:58	172:22:00
June	40:12:15	17:55:01	16:37:14	8:14:16	27:34:40		11:43:55	122:17:21
July	41:38:18	19:08:35	19:32:57	8:46:42	25:29:45		10:25:32	125:01:49
August								
September								
October								
November								
December								
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

To: Chair Thompson

CC: Tracey Frederick

Date: July 27, 2022

Greetings,

I would like to submit a request for a standardized "Console TG/MG Capabilities Profile" be added to the Metro Region change management process for review and potential adoption. A number of the regional system owners and support staff got together in March of 2022 and came up with the following parameter modifications. These would be applied to all Regional and State talkgroup resources on the regional PSAP, Public Safety Answer Point, console positions. Some of these changes were to help correct issues we have encountered over the past few years. The highlighted field in the allowed values column in the table below is the recommended value to be used in this profile.

Configuration Parameters:

FIELD	DEFAULT	ALLOWED VALUES	DESCRIPTION
Channel Marker Enabled	Yes	Yes	Yes enables the Channel Marker feature for the selected profile
		No	No disables the Channel Marker feature.
Critical Resource Select	Yes	Yes	Yes enables the console user to select the criticality setting of a resource in the communication system.
		No	No disables the console user from selecting the criticality setting of a resource in the communication system.
		Yes	Yes enables the console user to acknowledge an emergency activity
Emergency Acknowledge	Yes	No	No disables the console user from acknowledging an emergency activity. Acknowledging the emergency turns off the alarm tones and informs the other console users that an emergency activity is currently being addressed by a console user.
Emergency Alarm	Yes	Yes	Yes enables the console user Emergency Alarm indications.
		No	No disables the console user Emergency Alarm indications.
		Yes	Yes enables the console user to initiate an emergency call.
Emergency Setup	No	No	No disables the console user from initiating an emergency call.
End Emergency	Yes	Yes	Yes enables the console user to end any emergency activity that has been acknowledged.

Dakota County Radio Services

P 952 891-7886 **F** 651-438-4405 **W** www.dakotacounty.us
A Dakota Communication Center • 2680 160th Street West • Rosemount • MN 55068

		No	No disables the console user from ending any emergency activity that has been acknowledged.
Show Inbound Call Indicator	Yes	Yes	Yes enables the console user to be informed when there is an incoming call.
		No	No disables the console user from being informed when there is an incoming call.
Inbound Emergency	Yes	Yes	Yes enables the console user to be informed when there is an incoming emergency call.
		No	No disables the console user from being informed when there is an incoming emergency call.
Inbound PTT	Yes	Yes	Yes enables the display of the Inbound Push-to-Talk ID associated with an incoming call.
		No	No disables the display of the Inbound Push-to-Talk ID associated with an incoming call.
Instant Transmit	Yes	Yes	Yes enables the console user to initiate a transmission on the resource.
		No	No disables the console user from initiating a transmission on the resource.
Logging Group Call	Yes	Yes	Yes specifies that the Logging Client is informed when a radio group call is received.
		No	No specifies that the Logging Client is not informed when a radio group call is received.
Patch	Yes	Yes	Yes enables the console user to add a resource to a patchgroup
		No	No disables the console user from adding a resource to a patchgroup. If a console TG/MG Capabilities profile is already assigned to a mutligroup, the patch field cannot be set to Yes. Also, if the Patch filed of a Console TG/MG Capabilities Profile is set to Yes, it cannot be assigned to a multigroup.
Priority Select	Yes	Yes	Yes specifies that the console user can select the relative system access priority of the resource in the communication system.
		No	No specifies that the console user cannot select the relative system access priority of the resource in the communication system.
Repeater On	Yes	Yes	Yes specifies that the console user can enable and disable the repeat functionality for a resource.
		No	No specifies that the console user cannot enable or disable the repeat functionality for a resource.
Single Select	Yes	Yes	Yes enables the console user to select the resource for performing various console operations.

Dakota County Radio Services

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Volume Control	Yes	No	No disables the console user from selecting the resource for performing various console operations.
		Yes	Yes enables the console user to control the volume level of individual resources.
		No	No disables the console user to control the volume level of individual resources.
Remote Monitor	Yes	Yes	Yes enables the console user to send the "Enhanced Remote Unit Monitor" command to a radio in a talkgroup with the assigned Console TG/MG Capability Profile. This parameter must be turned on for the console to direct the target radio to transmit on this talkgroup. Otherwise, the console cannot remote monitor any radio in this talkgroup.
		No	No disables this capability.
Radio Status	Yes	Yes	Yes allows the console user to display the status messages sent by radios affiliated with a given talkgroup.
		No	No disables this capability.
Audio Destination	Yes	Yes	Yes enables the console user to configure audio destinations.
		No	No disables the console user from configuring audio destinations.

Sincerely,
Ron Jansen
Dakota County Radio System Coordinator
P: 651 322-8632
E: ron.jansen@co.dakota.mn.us

Dakota County Radio Services

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