

METROPOLITAN EMERGENCY SERVICES BOARD RADIO TECHNICAL OPERATIONS COMMITTEE AGENDA

April 28, 2021, 1:00 p.m.

This meeting will be conducted online (no in-person location). To join online, please go to https://metropolitanemergencyservicesboard.my/j.php?MTID=m2df4a278a4617dc7ed41e50cee6fb2ea. To join the audio portion only, please call 408-418-9388, use code 182 353 3770. If prompted for a password, use Radio (72346 from touchpad).

- 1. **Call to Order** Committee Chair, Jake Thompson
- 2. **Approval of Agenda** Thompson
- 3. Approval of Minutes of February 24, 2021 Meeting Thompson
- 4. Action Items
 - A. COMU Recognitions/Renewals Tracey Fredrick
 - i. Dan Anderson COML Renewal
 - ii. Scott Huppert COML Renewal
 - iii. Ky Wagner COMT Renewal
 - B. Hennepin EMS Addition of MCC7500e Consoles Dave Theis
 - C. Metro Encryption Best Practices Guide Adoption 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/Tim Lee/Dave Klema
 - D. SECB Committees
 - i. Steering Jill Rohret/Fredrick
 - ii. LMR Nate Timm/Mike Mihelich
 - iii. WBBA Rod Olson/Thompson
 - iv. IOC & Workgroups
 - a. IOC Thompson/Timm
 - b. STR Workgroup Curt Meyer/Mark VandenBerghe
 - c. COMU Workgroup Timm/Dan Anderson
 - v. IPAWS Scott Haas
 - vi. Finance/Grants Workgroup Fredrick

7. Other Business

- A. METAC Permission update Fredrick
- B. Regional Strategic Planning Radio Workgroup Fredrick
- C. METCOM Encryption Meyer
- 8. Adjourn

Reminder: Next meeting scheduled for May 26, 2021

Radio Technical Operations Committee February 24, 2021 Draft Meeting Minutes Meeting Held via WebEx

Members Attendance

Derek Baas, Sherburne County
Jeff Bjorklund, MSP Airport
Cory DeMuth, Anoka County
Scott Haas, Scott County
Ron Jansen, Dakota County
Chad LeVasseur, Metro Transit
Curt Meyer, Hennepin County
Mike Mihelich, Ramsey County

Rod Olson, City of Minneapolis
Peter Sauter, Carver County
Bob Shogren, Isanti County - absent
Chuck Steier, U of M PD
Jake Thompson, Chisago County - absent
Nate Timm, Washington County
Victoria Vadnais, Metro EMS
Mark VandenBerghe, MN State Fire Chiefs

Guests: John Anderson, *MnDOT*; Marcus Bruning, *ECN*; Tucker McCumber, *Washburn County, Wisconsin*; Clay Stenback, *Metro Transit*

MESB Staff: Tracey Fredrick, Jill Rohret, Martha Ziese

1. Call to Order

Ron Jansen, Radio TOC Vice-Chair called the meeting to order at 1:00 p.m.

2. Approval of Agenda

Fredrick said that Captain Cory Palmer from the DNR was to present item 4C, but was not yet on the call. If he did not call in, she would present.

Scott Haas moved to approve the agenda for February 24, 2021 meeting. Mike Mihelich seconded. Motion carried

Approval of Agenda roll call

Name	Entity	Yes	No
Baas	Sherburne	Х	
Bjorklund	Airport	Х	
DeMuth	Anoka	Х	
Haas	Scott	Х	
Jansen	Dakota	Х	
LeVasseur	Metro Transit	Х	
Meyer	Hennepin	Х	
Mihelich	Ramsey	Х	
Olson	on Minneapolis		
Sauter	Carver	Х	
Steier	U of M	Х	
Timm	Washington	Х	
VandenBerghe	Fire Chiefs	Х	

Total Votes: 13 Yes 0 No Motion passes

3. Approval of Minutes

Jeff Bjorklund moved to approve the minutes from the January 27, 2021 meeting. Peter Sauter seconded. Motion carried.

Approval of Minutes roll call

Name	Entity	Yes	No	
Baas	Sherburne	Х		
Bjorklund	Airport	Х		
DeMuth	Anoka	Х		
Haas	Scott	Х		
Jansen	Dakota	Х		
LeVasseur	Metro Transit	Х		
Meyer	Hennepin	Х		
Mihelich	Ramsey	Х		
Olson	Minneapolis	Х		
Sauter	Carver	Х		
Steier	U of M	Х		
Timm	Washington	Х		
VandenBerghe	Fire Chiefs	Х		

Total Votes: 13 Yes 0 No Motion passes

Action Items

4A. Eagan Fire Department Waiver Request

Ron Jansen said Dakota County is seeking a waiver to State Standard 3.19.0 "Use of 800 MHz Statewide LTAC and SIU Interoperability Talkgroups" the same as the 2017 Burnsville waiver. The Eagan Fire department has a single member that is currently assigned to the Eagan SWAT team. This radio is assigned specifically to this person for both their job functions. Dakota County is seeking permission to program this unit with the LTACE's. All three of the SWAT Teams in Dakota County utilize the same zone for communications. Allowing this waiver would significantly reduce the risk of members not being on the same resource and reduce a safety risk for lost or missed communications.

Motion by Nate Timm to approve the Eagan Fire Department Waiver Request. Curt Meyer seconded. Motion carried.

4A. Eagan Fire Department Waiver Request approval roll call

Name	Entity	Yes	No
Baas	Sherburne	Х	
Bjorklund	Airport	X	
DeMuth	Anoka	Х	
Haas	Scott	Х	
Jansen	Dakota	Abstain	
LeVasseur	Metro Transit	X	
Meyer	Hennepin	Х	
Mihelich	Ramsey	X	
Olson	Minneapolis	X	
Sauter	Carver	Х	
Steier	U of M	X	
Timm	Washington	Х	

VandenBerghe	Fire Chiefs	Χ	
Variaciibeigiie	The ciners	^	

Total Votes: 12 Yes 0 No Motion passes

B. Washburn County, Wisconsin Interoperability Participation Plan Request

Nate Timm said this request has been reviewed and approved contingent on regional approval. Washburn County, Wisconsin has a Communications Response team that is looking to get access to ARMER as an interoperability participant. They are not directly on the border, but they do respond to several border events.

Marcus Bruning said Washburn County provides a lot of support in the NE region. Nate would be their local system administrator.

Ron Jansen asked if there was a legally allowable distance from the Minnesota border for radio/ARMER use, mostly for consideration of the SOA channels.

Timm said they are only licensed in Minnesota and would not be used while responding in Wisconsin.

Tucker McCumber, Washburn County, WI Emergency Management, said that there was some discovery during a 2013 event that if there were a major event, response would be 4-8 hours out. Having Minnesota interoperability use available would make mutual aid much easier. He will also be attending the Minnesota Best Practices class at MnDOT.

Motion made by Mike Mihelich to approve the Washburn County, Wisconsin Interoperability Participation Plan Request. Rod Olson seconded. Motion carried.

4B. Washburn County, Wisconsin Interoperability Participation Plan Request approval roll call

Name	Entity	Yes	No	
Baas	Sherburne	Х		
Bjorklund	Airport	Х		
DeMuth	Anoka	Х		
Haas	Scott	Х		
Jansen	Dakota	Х		
LeVasseur	Metro Transit	Х		
Meyer	Hennepin	Х		
Mihelich	Ramsey	Х		
Olson	Minneapolis	Х		
Sauter	Carver	Х		
Steier	U of M	Х		
Timm	Washington	Х		
VandenBerghe	Fire Chiefs	Х		

Total Votes: 13 Yes 0 No Motion passes

C. DNR METAC E Permission Request

Fredrick said this is a request to add METAC E channels to DNR radios.

Jansen asked if this was a request for something desired or is there a current need for this permission.

Scott Haas said that the request comes as a result of the DNR Enforcement being activated for the upcoming potential civil unrest. Haas also asked if this was just for sworn staff.

Fredrick said this request is fleet-wide according to Captain Palmer. If approved, the permission could be worded that this is only for sworn staff. She can also confirm that this request is only for sworn staff.

Timm said that the current standard could be referenced that states that encrypted channels are only for Law Enforcement and if DNR wants any non-LE staff, they would need to request a waiver.

Rod Olson asked where the encryption key would be coming from, since we know there are some state entities that have the wrong encryption key.

Fredrick said she will make sure that DNR receives the correct encryption key.

John Anderson said State Patrol is going through testing and trying to confirm all the CKR info that is being shared is correct.

Haas said that there was an agreement that only the system administrators could program the talkgroups.

Motion by Nate Timm to approve the DNR METAC E Permission Request. Scott Haas seconded. Motion carried.

4C. DNR METAC E Permission Request approval roll call

Name	Entity	Yes	No
Baas	Sherburne	Х	
Bjorklund	Airport	Х	
DeMuth	Anoka	Х	
Haas	Scott	Х	
Jansen	Dakota	Х	
LeVasseur	Metro Transit	Х	
Meyer	Hennepin	Χ	
Mihelich	Ramsey	Х	
Olson	Minneapolis	Х	
Sauter	Carver	Х	
Steier	U of M X		
Timm	Washington	Х	
VandenBerghe	Fire Chiefs	Х	

Total Votes: 13 Yes 0 No Motion passes

D. Temporary Permissions for METAC E Requests

Fredrick said that this being the last Radio TOC meeting before the civil unrest trials kick off on March 8, and more encryption requests coming forward, if the Radio TOC would want to grant some temporary permissions for use of METAC Es.

Jill Rohret said open email discussions would not comply with the open meeting law.

Haas asked if a standard could be set up to have the Chair or Vice-Chair of the Radio TOC temporarily approve the request and have the request approval ratified at the next meeting. Rohret said that might work because the state standard allows the LMR and board chair to authorize certain things in an emergent situation.

Jansen said that things do come up, but poor planning should not make it an emergency on our part.

Fredrick said the groups that have been part of the pre-planning have already been granted these permissions but wanted input as to needs that might come up between today and the next Radio TOC meeting March 24, 2021.

Rod Olson said he felt it would be a good tool to have just in case.

Motion made by Jeff Bjorklund to approve Temporary Permissions for METAC E Requests be done by the Radio Services Coordinator to be ratified at the next Radio TOC. Rod Olson seconded. Motion carried.

4D. Temporary Permissions for METAC E Requests approval roll call

Name	Entity	Yes	No
Baas	Sherburne	Х	
Bjorklund	Airport	Х	
DeMuth	Anoka	Х	
Haas	Scott	Х	
Jansen	Dakota	X	
LeVasseur	Metro Transit	Х	
Meyer	Hennepin	Х	
Mihelich	Ramsey	Х	
Olson	Minneapolis	Х	
Sauter	Carver	Х	
Steier	U of M	Х	
Timm	Washington	X	_
Vadnais	EMS	EMS X	
VandenBerghe	Fire Chiefs	Х	

Total Votes: 14 Yes 0 No Motion passes

5. Moves, Additions & Changes to the System

Haas said the Scott County cutover was completed on February 22. There were no major issues. A few training issues will be brought up at the after-action review. The first call out was an in-progress call which surprised the people in the car because they had a scanner in the car.

Mark VandenBerghe said the Eden Prairie Police will be going encrypted March 22.

Olson asked that for those that have gone encrypted on the main; the state-wide pursuit requirement for patching on LTAC1, are people keeping a clear channel in case of the patch.

Haas said when there is a need for interoperability or mutual aid that exceeds the need for encryption there will be cross-patching and encryption will be dropped at that time to meet the standard.

6. Committee Reports

A. Metro Mobility System Usage Update

Chad LeVasseur said there is little change in usage. Clay Stenback said that ridership is still around 50%, but will continue to monitor over the spring.

B. System Owners Group Update

Jansen said the SMG met last month, and there was a system upgrade update. The revisions workgroup will begin testing. Kim Corso is the new Genesis sales representative. Change

management was discussed but no update. Encryption was discussed.

Olson said the AES discussion led to possibly going before the LMR to form a workgroup.

C. MnDOT ARMER System Update

John Anderson said MnDOT is working with State Patrol on subscriber programming. Coming up is the Lucent MUX replacement project for the early part of March. There will be some momentary/non-serious outages during the switch out.

D. SECB Committees

i. Steering

Jill Rohret said the Steering Committee met in January. Discussions included the Regional and Statewide Strategic Planning.

ii. LMR

Nate Timm said the LMR Committee met in March and discussed the North Memorial, Otter Tail County, Washburn County, WI Participation Plan change requests. Also discussed were the State Patrol internal talkgroups and LMR standards.

iii. WBBA - no update

iv. IOC & Workgroups

a. IOC - no meeting

b. STR Workgroup - no meeting

c. COMU Workgroup

Timm said the group met in February and primarily discussed the workgroup for the AUXCOMM. Telephone CPR response was presented. New recognitions to positions were approved.

v. IPAWS - no meeting

vi. Finance/Grants Workgroup

Fredrick said in the finance discussion there were questions about the role of the Finance Workgroup to the SECB. The TCPR grant is currently open until this Friday. The grant process was approved last month.

Jansen said the MTUG group was interested in is the Upgrade Differences course AST 2008.

7. Other Business

A. METAC Permission update

Fredrick said the only requests since the last meeting have been for the Northeast region cache and St. Louis County, both of which are enlisted to assist with the upcoming trials. No encryption is requested.

8. Adjournment 1:55 PM

Requirements Summary for COMU Applications

April 28, 2021 Radio TOC

COML Renewals										
				Assist			Participate			
				with			in other	Agency		
	Complete an	Attend	Give COMU	comms.	Serve as	Lead a	comms.	Authorizatio		
	ICS 205 (1	cont. ed.	presentation	exercise	COML for	comms.	activity	n Form		
Name	pt.)	course (1)	(3)	(3)	an event (3)	exercise (5)	(variable)	Complete		
Dan Anderson	2		6		3			Х	_	
Scott Huppert	3	3						Х		
COMT Renewals										
				Assist		Participate				
	Assist in ICS			with		in other	Agency			
	205	Attend	Give COMU	comms.	Serve as	comms.	Authorizati			
	development	cont. ed.	presentation	exercise	COMT for	activity	on Form			
Name	(1)	course (1)	(3)	(3)	an event (3)	(variable)	Complete			
Ky Wagner	1	4			3		Х			
										_

COMU Position Recognition Application Application Type: Renewal ☐ Initial Application ☐ Change of Status Position: EX COML □ COMT □ INCM □ RADO □ AECS Name (Last, First Middle) Certifying nocemen Agency ECB/ESB County Hennean Region Agency Address 24/7 Business 596-0253 Telephone Telephone (@hennepin.us Email Addres evs Signature Date 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. Managemon Agency Date 8 March 2121 Signature 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**

Date

Signature

COMU Experience Record

Name (Last, First Middle)	Andreson	Daniel Denn	ک	
Agency Hennepia	Carry Em	orgency Management	ECB/ESB Region	Metra
Position: ▼ COML □ INTD	□ C0		□ INCM □ 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)
3	11/27/2018	MESB (RTF Quarterly Training HCSO ECF CONU Subcommittee Prosontation BPlymosty MN
3	8 p4 1807	SESA Auxiliany Europeanay Communications Briefing Hennepin Ecc 1600 Province Dr., Madina MN
	1 27/2018	SBS2 Emergency Preparedness Divisin ICS-205 Hennepin Cowly
1	9/24/2019	Sovere Storm Event ICS-2005 Henne pin Cardy response
3	Apr:12018	SECB COMU Subcommittee Prosontation 2018 Minnoste PULZ Staty Communications Conference St. Clark, MW

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

Renewal Tasks

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

POINTS	DESCRIPTION	DETAILS
1	Complete an ICS-205	Complete 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 COML in a real- world, planned or unplanned event	Must be under the control of the Logistics section. Must be for at least one operational period.
5	Leading a Communications Exercise	Examples: Formal COMMEX and informal communications exercise
Variable	Participation in other communication activity	Request must be detailed in writing and must be preapproved by the COMU workgroup



METROPOLITAN EMERGENCY SERVICES BOARD COMMUNICATIONS RESPONSE TASK FORCE QUARTERLY TRAINING AGENDA

November 27, 2018, 10:00 a.m. November 29, 2018, 6:00 p.m.

Hennepin County Sheriff's Office 1245 Shenandoah Lane, Plymouth

- 1. Introductions Dan Anderson, Hennepin Co. Emergency Management
- 2. SECB Communications Unit (COMU) Subcommittee Anderson
 - A. Discussion on the Purpose of the Subcommittee and its Processes
 - B. Minnesota Communications Unit Standard Operating Guidelines
 - C. Newly Recognized COMU Positions
- 3. Emergency Management Assistance Compact Brad Winger, State of Minnesota, HSEM
 - A. How EMAC Works
 - B. Role of COMU/MESB-HSEM TERT Agreement
 - C. Hot-wash of Hurricane Florence EMAC Request
- 4. MNFOG & NIFOG Jim Stromberg, State of Minnesota, ECN
 - A. Key Points
 - B. How Field Operations Guides are Written
- 5. VHF Interoperability and Use of 8TAC Repeaters Nate Timm, Washington County Sheriff's Office
- 6. Other Business
- 7. Adjourn

2019 CRTF quarterly training dates will be sent out before the end of 2018.



METROPOLITAN EMERGENCY SERVICES BOARD COMMUNICATIONS RESPONSE TASK FORCE QUARTERLY TRAINING AGENDA

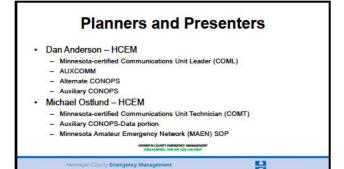
November 27, 2018, 10:00 a.m. November 29, 2018, 6:00 p.m.

Hennepin County Sheriff's Office 1245 Shenandoah Lane, Plymouth

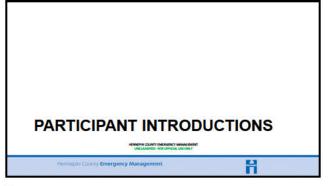
CRTF Steering Workgroup Members

Name	Agency
Dan Anderson	Hennepin County Emergency Management
Sara Boucher-Jackson	Minneapolis Emergency Communications Center
John Gundersen	Hennepin County Sheriff's Office
Ron Jansen	Dakota County
Tom Simota	Minnesota National Guard
Don Smiley	Ramsey County Emergency Communications Center
Jake Thompson	Anoka County
Nate Timm	Washington County Sheriff's Office
Mark VandenBerghe	Eden Prairie Fire Department
Victoria Vadnais	Allina Health EMS
Open	MESB Radio Services Coordinator





1



Explanation of event
 COMU Organizational Structure
 Status of Metro EOCs
 Levels of Communication
 Auxiliary Communications
 Usage
 Discussion

MAEN
 Voice
 Data
 Digital
 HF
 Next Steps
 Discussion

MAEN
 Voice
 Data
 Digital
 HF
 Next Steps
 Discussion

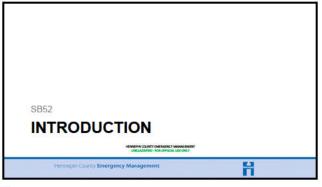
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"...plans are useless, but planning is indispensible."

Dwight D. Eisenhower

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Planning Assumptions • Event vs. Incident • 155 days and counting until 26 JAN 2018

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Event Timeframe

SB 52, plus the series of events from 26 JAN-4 FEB

10 days total

Event Locations Almost exclusively in Hennepin County Primarily downtown Minneapolis US Bank Stadium 4 FEB Bloomington (MOA, team hotels) Eden Prairie (team practice facility) University of Minnesota (team practice facility) HOLDING MARKET MARKE

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Any emergency response that may happen during and because of the event
 Natural
 Winter in Minnesota
 Manmade
 Acts of violence or destruction
 Acts of terrorism
 Cyber threats
 HazMat incidents

Hermingun Courty Emergency Maragement

T Minus 155 days

Much has been done, but much to do as things evolve

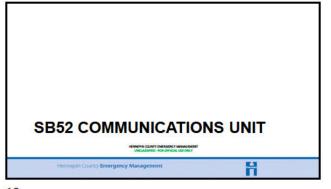
Will continue to plan and rewrite plans and documentation until 26 JAN 2018

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**HOLD ST. COUNTY ETBERGENCY ETB

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COMU Organizational Structure

- Command Post for all Hennepin County events in downtown Minneapolis
- Event COML will staff each Operational Period
- Event COMLs managed by a Communications Coordinator (COMC)
- COMLs also in the following facilities
 - **Eden Prairie Command Post**
 - Bloomington??
 - Hennepin County Emergency Management

Manager (AECM)

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Event COML

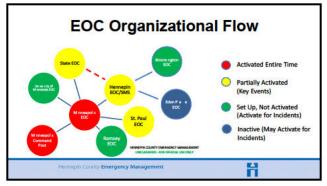
- · Primarily MECC dispatchers
- · MESB Communications Response Task Force may supplement
- · With COMC, will coordinate ICS-205 usage throughout the event



COMU Organizational Chart Communications Coordinator (COMC) Communications Unit Technician (COMT) Auxiliary Emergency Technical Specialists (THSP)

16

15



Status of Metro EOCs

- Minneapolis EOC Activated during entirety of
- Hennepin County EOC Set up and on Standby SMS activated for key events
- Bloomington EOC Set up and on standby. Activated when emergency necessitates
- Eden Prairie EOC Not activated. Activated when emergency necessitates



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Status of Metro EOCs

- <u>State EOC</u> Partially activated, minimal daytime staffing
- <u>St. Paul EOC</u> Partially activated, minimal daytime staffing
- <u>Ramsey EOC</u> Not activated. Activated when emergency necessitates

HENNEPIN COUNTY EMERGENCY MANAGEMENT UNCLASSIFIED - FOR OFFICIAL USE ONLY

Hennepin County Emergency Management



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Minneapolis EOC COMU Staffing

- Radio Operators (RADO) staffing EOC Radio Room
- · HCEM AUXCOMM Team Only
- · Key events and Operational Periods only
- · Actual staffing TBD

NNEPIN COUNTY EMERGENCY MANAGEMENT UNCLASSIFIED - FOR OFF CIAL USE ONLY

Hennepin County Emergency Management



Hennepin EOC COMU Staffing

- · COML (Anderson)
- COMT (Ostlund)
- AUXCOMM staffing all radio positions during key events and Operational Periods

PRIMARY COMMUNICATIONS

Hennepin County Emergency Management

- Backfill from other qualified personnel (BCG, others)
- · Actual staffing TBD

HENNEPIN COUNTY EMERGENCY MANAGEMENT

Hennepin County Emergency Management



Three Levels of Communications

- Primary Communications ICS-205 designed to meet the Event Need
- Alternate Communications
 - When Primary Communications fails and when an emergency response is needed
- · Auxiliary Communications
 - Subset of Alternate Communications
 - Amateur Radio resources

HENNEPIN COUNTY EMERGENCY MANAGEMENT UNCLASSIFIED - FOR OFF CIAL USE ONLY

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Responder Level

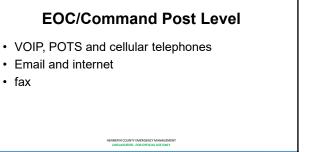
- Trunked, digital ARMER Public Safety backbone
- Existing local, regional, statewide talkgroups
- · Cell phones

HENNEPIN COUNTY EMERGENCY MANAGEMEN

Hennepin County Emergency Management



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SB52

ALTERNATE COMMUNICATIONS

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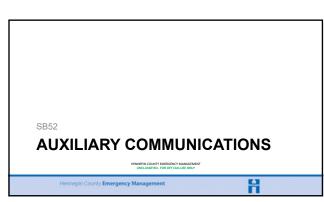
Responder Level ARMER site trunking Select 8TAC frequencies and SOA channels Prepositioned MNNG and Metro Region STR assets PROPREDICTORITY TRANSPORT TRANSPORTED TO THE TRANSPORTED T

Depends on what the failure is
 If phones and network goes down, switch to ARMER
 If phones, network and ARMER fail, switch to 8TACs
 Satellite Phones (HCEM)

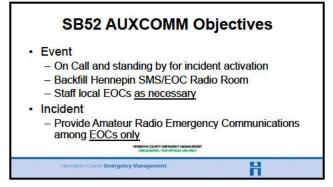
**HERDER COURT PARTICULAR CONTROLLED COUNTY Emergency Management*

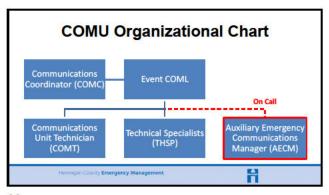
27 28

Use of Alternate Communications Exact usage of Alternate Communications will be determined by the Event COML in response to the communications failure ICS-217A dictates writing of new incident ICS-205



29 30





31 32

Auxiliary Emergency Communications Manager (AECM)

- · Position staffed "on call" for 24-hour period
- Will NOT be stationed at an EOC or Command Post, but will be able to be activated by phone if needed
- From a pool (5-10) of select individual trained in AUXCOMM

resepte County Emergency Management

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Event AECM Pool

Managed by Anderson, Ostlund

34

 5-10 AUXCOMM qualified individuals TBD by Anderson

> HENNEP'N COUNTY EMERGENCY MANAGEMEN UNICASSFIED-FOR OFF CALUSE ONLY

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AECM Duties (when activated)

- Provide amateur radio technical and operational assistance to the Event COML
- Supplement ICS-205 with amateur radio resources at the request of the Event COML
- Activate staff and resources needed to run an AUXCOMM unit attached to the COMU

HENNERIN COUNTY EMERGENCY MANAGEMENT UNCLASSIFIED FOR OFFICIAL USE ONLY

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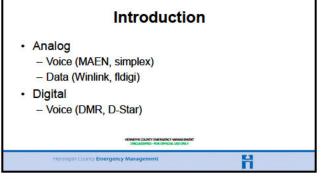
SB52 AUXCOMM CONOPS (ENHANCED)

- · Basic Concept of Operations for amateur radio
- ICS-217A Resource Availability forms for amateur frequencies
- Outlines Voice usage on Minnesota Emergency Amateur Network (MAEN)

Hensepin County Emergency Management

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MAEN

- · Minnesota Amateur Emergency Net
- SOG for the WCØHC repeater system
 - 146.700 downtown Minneapolis repeater
- Primary Amateur "Command" net for SB52
- Ostlund is writing SOP

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ENNE IN COUNTY EMERGENCY MANAGEME

tennepin County Emergency Management



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WCØHC Repeater Network

- Downtown Minneapolis repeater (146.700)
 - Hail/Command Use (voice only)
- Edina VHF (145.430)
 - Potential Tactical Use (voice or data TBD)
- Edina UHF (444.200)
- Potential Tactical Use (voice or data TBD)
- Golden Valley UHF (444.175)
 - Potential Tactical Use (voice or data TBD)

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Hermepin County Emergency Management



Other Voice Repeaters To Be Used

- WCØAAA Bloomington (147.090 and 443.175 repeater)
- KØEPR Eden Prairie (146.880)
- · And more if needed (with permission)
 - Maple Grove Radio Club
 - HCSO CRT (WØPZT)

HENNEPIN COUNTY EMERGENCY MANAGEMENT

inty Emergency Management



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Voice Simplex

- Establishing VHF/UHF frequencies as a backup to repeaters
- · TBD
- · Drawn from Minnesota ARES Frequency Pool

HENNERIN COUNTY EMERGENCY MANAGEME

Hennepin County Emergency Management



Ability for Amateur HF

- · Won't actively use, but will have the ability...
- · Minnesota Section Phone Net (75-meter)
- · Region 10 Phone Net (40-meter)
- Net with surrounding states and FEMA Region 5 (60-meter)

HENNEYN COUNTY EMERGENCY MANAGEMENT UNCLASSIFIED FOR OFFICIAL USE ONLY

temperatin County Emergency Management



Use of Data

- Winlink Establishing and sharing email accounts
 - HCEM wc0hc@winlink.org
- Fldigi

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- Packet network (145.670)
- · Simplex packet (Bartholomew)

UNIT IN COUNTY EMERGENCY MANAGEN UNICASSIFIED FOR OFF CALLUSE ONLY

Hennepin County Emergency Management



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Digital Modes

- DMR
- D-Star

Hennepin County Emergency Management

Next Steps

- Establishing MAEN
- · Establishing Winlink and fldigi
- SB 52 SET (Oct. 28), possible follow-up Nov./Dec.
- · Identifying Event AECM pool
- Training and further briefing Event AECM pool

Hennepin County Emergency Management

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AUXCOMM Discussion

Questions?
Answers!

HENNEPIN COUNTY EMERGENCY MANAGEMENT UNICLASSIFIED FOR OFFICIAL USE ONLY

Hennepin County Emergency Management





Dan Anderson dennepin County Emergency Management (612) 596-0253

daniel anderson@hennepin.us

mension County Emergency Management



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		INCIDENT/EVENT NAME			DATE/TIME PR	EPARED	OPE	RATIONAL PERIOD DATE/TIME
ICS-205 INCIDENT, EVENT OR EXERCISE COMMUNICATIONS PLAN		HCEM 24 SEPT 2019 Severe Storm Event			24-Sep-19		9/24/2019 1800 to 9/24/2019 2400	
Function (NET) (COMMAND TACTICAL SUPPORT AIR)	Talkgroup/Channel/Phone	Assignment (LAW FIRE EMS OTHER)	RX Freq (N or W)	RX Tone/NAC	TX Freq (N or W)	TX Tone/NAC	Mode (A D or M)	Remarks
Command		Command Staff					D	County EOC/SMS to City EOC/County DOC
Tactical		Multi-Discipline Rapid Damage Assessment					D	City/County Interoperability
Tactical	NWS CHAN						D	County Warning Points to NWS
Tactical	METEM	Emergency Management					D	Metro EMs to NWS
Tactical	PW-DSP	County Public Works					D	HC Public Works Dispatch
Tactical	RPTR WCØHC	SMS Situational Awareness	146.700 W		146.100 W	127.3	Α	Skywarn Main North Metro (Monitor Only)
Tactical	RPTR KD0YLG	SMS Situational Awareness	147.345 W		147.945 W	85.4	Α	Becker Skywarn Hub (Monitor Only)
Tactical	RPTR WØWCL	SMS Situational Awareness	147.240 W		147.840 W	136.5	Α	Mankato Skywarn Hub (Monitor Only)
WebEOC Incident:	[ACTIVE] HC 2019 24 SEPT Se	vere Storm Event						
Hennepin Watch								
HCSO Duty Superviso	or Desk							
Dan Anderson COI	ML	(612) 596-0253	(612) (ce	ell)				
			SPECIAL INST	RUCTIONS				
L: Dan Anderson						•		
ICY: Hennepin Count	y Emergency Management				Hennepin Co	ounty Emergen	cy Mana	gement SMS
NE: (612) 596-0253 ((612)			1600 Prairie Drive, Medina, MN 55340				
	•							SNG: 15TVK55318851 'A" or "D" indicating analog or digital or "M"
	Function (NET) (COMMAND TACTICAL SUPPORT ART) Command Tactical Tactical	Tactical RPTR WØWCL Tactical RPTR WØWCL	EMERGENCY ICS-205 CIDENT, EVENT OR EXERCISE COMMUNICATIONS PLAN Function (NET) (COMMUNICATIONS PLAN) Function (NET) (COMMUNICATIONS PLAN) Command Command Command Staff Multi-Discipline Rapid Damage Assessment Tactical NWS CHAN Tactical PW-DSP County Public Works SMS Situational Awareness Tactical RPTR WCØHC Awareness SMS Situational Awareness Tactical RPTR WØWCL SMS Situational Awareness SMS Situational A	EMERGENCY ICS-205 WANAGEMENT IDENT, EVENT OR EXERCISE COMMUNICATIONS PLAN Function (NET) Talkgroup/Channel/Phone Command Command Tactical RPTR WCØHC Tactical RPTR WØWCL Tactical RPTR WØWC	HCEM 24 SEPT 2019 Severe Storm Event RX Freq (N or W) RX Tone/NAC Command Command Command Staff Multi-Discipline Rapid Damage Assessment Tactical NWS CHAN Tactical METEM Emergency Management Tactical RPTR WCØHC Awareness 146.700 W MS Situational Awareness 147.345 W Tactical RPTR WØWCL SMS Situational Awareness 147.240 W WebEOC Incident: Hennepin Watch HCSO Duty Supervisor Desk Dan Anderson CY: Hennepin County Emergency Management IE: (612) 596-0253 (612) (cell)	HCEM 24 SEPT 2019 Severe Storm Event 24-Sep-1 Z0ENT, EVENT OF EXERCISE COMMUNICATIONS PLAN Function (NET) Command Command Tactical NWS CHAN Tactical NWS CHAN Tactical PW-DSP County Public Works Tactical RPTR WCØHC SMS Situational Awareness 147.345 W Tactical RPTR WØWCL Awareness 147.240 W 147.840 W WebEOC Incident: [ACTIVE] HC 2019 24 SEPT Severe Storm Event Energency Management Hennepin Watch HCSO Duty Supervisor Desk Dan Anderson - COML CY: Hennepin County Emergency Management INI CY: Hennepin County Emergency Management Ec (612) 596-0253 (612) [Cell] INI CY: Hennepin County Emergency Management Hennepin CC: Hennepin	HCEM 24 SEPT 2019 Severe Storm Event 24-Sep-19 Function (NET)	HCEM 24 SEPT 2019 Severe Storm Event 24-Sep-19 9/24 Punction (NET) Talkgroup/Channel/Phone Assignment Command Staff Command Tactical Multi-Discipline Rapid Damage Assessment Damage Assessm

The convention calls for frequency lists to show four digits after the decimal place, followed by either an "N" or a "W", depending on whether the frequency is narrow or wide band. Mode refers to either "A" or "D" indicating analog or digital or "M" indicating mixed mode. All channels are shown as if programmed in a control station, mobile or portable radio. Repeater and base stations must be programmed with he Rx and Tx reversed. (MESB Version 1.0, 11/2015)

			INCIDENT/EVENT NAME			DATE/TIME PREP	ARED	OPERATIONAL PERIOD DATE/TIME			
		REGION ICS205 EVENT PLAN SUPER BOWL LII	Emergency P	reparedness Sec	ction	1/27/2018 15:00		1/28 - 2/5/2018			
			-								
Line	Function (NET) (COMMAND, TACTICAL, SUPPORT, AIR)	Talkgroup/Channel/Phone	Assignment (LAW, FIRE, EMS, OTHER)	RX Freq (N or W)	RX Tone / NAC	TX Freq (N or W)	TX Tone / NAC	Mode (A, D or M)	Remarks		
1	Command	STAC 3	Unified Command	ARMER 800 MHz		ARMER 800 MHz	500	D	Unified Command		
2	Command	МЕТЕМ	Emergency Management	ARMER 800 MHz		ARMER 800 MHz		D	County/City/State EOC-to-EOC		
3	Operations	МРОЕМ	Emergency Management	ARMER 800 MHz		ARMER 800 MHz	7. 38	D	MACC to Minneapolis EOC		
4	Command	SEMTAC	Emergency Management	ARMER 800 MHz		ARMER 800 MHz	27	D	Backup to METEM		
5	Command	WCØHC-UG	Emergency Management	444.175 W		449.175 W	127.3	Α	County/City EOC-to-EOC (Auxiliary)		
6	Command	WC0HC-VM	Emergency Management	146.700 W		146.100 W	127.3	Α	County/City EOC-to-EOC (Redundant Auxiliary)		
7	Command	HV-ALPHA	Emergency Management	147.525 W		147.525 W	203.5	Α	County/City EOC-to-EOC (Redundant Auxiliary)		
8	Command	60-meter Channel 1	Emergency Management	5330.5 W		5330.5		Α	60-meter wide area (Auxiliary/Fed)		
9	Support	HC Packet	Emergency Management	145.010 W		145.010 W		D	Auxiliary HC Winlink access (packet)		
10	Support	HV-PACKET	Emergency Management	145.670 W		145.670 W	5. Set	D	Auxiliary Statewide Winlink access (packet)		
11	Support	MNZone5	Emergency Management					D	Auxiliary DMR EMCOMM Talkgroup (Metro)		
12	Support	MNSTATE	Emergency Management				. 00	D	Auxiliary DMR EMCOMM Talkgroup (State)		
13	Operations		FEMA						FEMA Consequence Management Minneapolis		
14	Operations		FEMA						FEMA Consequence Management St. Paul		
				SPECIAL I	NSTRUCTIO	ONS					

FOUO - The use of any of these frequencies is per the Alternate Communications Plan and the Auxiliary Communications Plan and should not be considered a means of Primary Communications.



COML: Dan Anderson

PHONE: (612)

EMAIL: daniel.anderson@hennepin.us

COML Coordinator (COMC): Sara Boucher-Jackson

INCIDENT/EVENT LOCATION

Metro County and City Emergency Operations Centers, State Emergency Operations Center

The convention calls for frequency lists to show four digits after the decimal place, followed by either an "N" or a "W", depending on whether the frequency is narrow or wide band. Mode refers to either "A" or "D" indicating analog or digital or "M" indicating mixed mode. All channels are shown as if programmed in a control station, mobile or portable radio. Repeater and base stations must be programmed with the Rx and Tx reversed. (MESB Version 1.0, 11/2015)

	COMMUNIC	ATIONS LIST (ICS 205A)				
Incident Name		Operational Period				
MINNESOTA METRO	REGION ICS 205A					
Control of the Contro	LIST SUPER BOWL LI	1/24 - 2/5/2018				
Basic Local Communicat	ions Information:	AA-AE-J7-V-I Combook				
Incident Assigned Position	Name	Method(s) of Contact phone, pager, cell, email, etc.				
rosition	IVallie	(612) cell				
CONT. CONT.	Sara Boucher-Jacks					
COML/COMC	Sara Boucher-Jacks					
		sara.boucher-jackson@minneapolismn.gov				
Emergency		(612) 596-0253 (office)				
Management/Wx	Dan Anderson (HCE					
RPG COML		daniel.anderson@hennepin.us				
Weather RPG		(612)				
Coordinator	Sarah Karel (HCEM	(612)				
coordinator	v/	Sarah.Karel@hennepin.us				
		(651) (office)				
SEOC Communications	Michael Earp	(651)				
Communications		michael.earp@state.mn.us				
		(612)				
Minneapolis EOC	Bryan Gorman	(612)				
	E4	bryan.gorman@minneapolismn.gov				
		(651)				
Ramsey Emergency	Bryan Mayer	(651)				
Management	10.00	bryan.mayer@co.ramsey.mn.us				
		(651)				
St. Paul Emergency	Lucy Angelis (interi					
Management	Eddy / III gollo (III corr	lucy.angelis@ci.stpaul.mn.us				
DI		(952)				
Bloomington Emergency	Ulie Seal	(952)				
Management	Olie Seal	useal@bloomingtonmn.gov				
Eden Prairie	Goorge Fahaman	(952)				
Emergency Management	George Esbenser	` · · · ·				
_		gesbensen@edenprairie.org				
Metropolitan Airports Commission		(612)				
Emergency	Kristi Rollwagen	(952)				
Management		kristin.rollwagen@mspmac.org				
Prepared by: Dan And	derson	Position/Title: COML Signature:				
ICS 205 A IAP Page		Date/Time: 1/3/2018				

	COMMUNICATIONS LIST (ICS 205A)							
Incident Name	ethologica Salaria (1951) della 2001 il 2005 di francisti scologica	Operational Period	-					
MINNESOTA METRO	REGION ICS 205A							
COMMUNICATIONS	LIST SUPER BOWL L	1/2	24 - 2/5/2018					
Basic Local Communicat	ions Information:	us.						
Incident Assigned Position	Name		nod(s) of Contact ager, cell, email, etc.					
University of Minnesota Emergency Management	Lisa Dressler	dressler@umn.edu						
Metro Transit Emergency Management	Vincent Pellegrin	(612) vince.pellegrin@metro	transit.org					
Mdwakanton Sioux Community Emergency Management	Greg Hayes	gregory.hayes@mdfire	.org					
Anoka County Emergency Management	Terry Stoltzman	terry.stoltzman@co.an	oka.mn.us					
Carver County Emergency Management	Deb Paige	cell dpaige@co.carver.mn.u	<u>us</u>					
Chisago County Emergency Management	Scott Sellman	srsellm@co.chisago.mr	<u>n.us</u>					
Dakota County Emergency Management	BJ Battig	bj.battig@co.dakota.m	n.us					
Isanti County Emergency Management	Mari Delage Bostro	om (763) mari.delage@co.isanti.	mn.us					
Sherburne County Emergency Management	Kyle Breffle	(763) kyle.breffle@co.sherbu	ırne.mn.us					
Scott County Emergency Scott Haas Management		shaas@co.scott.mn.us	·					
Prepared by: Dan And ICS 205 A IAP Page	erson	Position/Title: COML Date/Time: 1/3/2018	Signature:					

	COMMUNIC	CATIO	ONS LIST (ICS	205A)
Incident Name			Operational Period	
MINNESOTA METRO	O REGION ICS 205A			
COMMUNICATIONS	LIST SUPER BOWL L	П	1,	/24 - 2/5/2018
Basic Local Communica	LIST SUPER BOWL L tions Information:			
Incident Assigned				hod(s) of Contact
Position	Name		phone, p	pager, cell, email, etc.
Washington County			(651)	
Emergency	Doug Berglund			
Management		~	douglas.berglund@co.	washington.mn.us
A550/A			952-	
NWS Chanhassen	Craig Schmidt			
WW 5 Chambassen	craig Schillac		craig.schmidt@noaa.g	ov
			(952)	
NWS Chanhassen	Todd Krause		(952)	
WWS Chainlassen	Toda Krause		todd.krause@noaa.go	<u>v</u>
Prepared by: Dan And	derson	Positio	n/Title: COML	Signature:
ICS 205 A IAP Page	Service and Collections (Collection)		ime: 1/3/2018	The state of the s

SECB Communications Unit (COMU) Subcommittee

Dan Anderson

Senior Coordinator-Public Warning and Communications Hennepin County Emergency Management



Committee

COMU positions

Guidelines (SOG)

Current COMU Subcommittee Members

- Dan Anderson (Chair), Metro Region
- Dave Pike (Vice Chair), Southeast Region
- Jim Stromberg, ECN
- SFC Thomas Simota, Minnesota National Guard
- Brian Zastoupil, Northwest Region
- Steve Olson, Northeast Region
- Dean Wrobbel, Central Region
- Kevin Haney, Southwest Region
- Keith Ruffing, South Central Region Jim Jarvis, DHS OEC (non-voting)



3.48.0 COMU Standard

COMU Subcommittee Purpose

· Formal Subcommittee under the Interoperability

· Assists in managing the state's COMU program · Recommends state recognition of individual for

· Recommends changes the Standard Operating

- Approved November 2017
- · 6 State Recognized ICS Positions
 - COML, COMT, INCM, INTD, RADO, AECS
- Replaces former COML and COMT standards
- · Identifies that specifics to the state COMU program be outlined in the Standard Operating Guidelines



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3.48.0 COMU Standard

· Identifies that specifics to the state COMU program be outlined in the Standard Operating Guidelines



COMU SOG

- · Identifies COMU positions
- · Establishes process for statewide recognition
- · Defines minimal requirements for statewide deployment
- COMU SOG Forms package

Hennepin County Emergency Management



SOG Forms Package

- · Outlines the Position Recognition Process
- Application
- · Agency Certification
- · Points-based system of experience

in County Emergency Manag



(INCM)

(AECS)

Incident Communications Center Manager (INCM)

- · Manage the Incident Communications Center (ICC) when having a COML do so present a span of control issue
- · DHS OEC Training offered



Incident Tactical Dispatcher (INTD)

New COMU Positions

· Auxiliary Emergency Communications Specialist

· Incident Communications Center Manager

• Incident Tactical Dispatcher (INTD)

nepin County Emergency Management

• Radio Operator (RADO)

- Knowledge and skills to operate away from the dispatch center in a command post, EOC, base camp, incident scene, or another dispatch center
- · DHS OEC training forthcoming



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Radio Operator (RADO)

- · Staff an ICC, monitoring radio traffic and base station operations for EOCs, hospitals, dispatch centers, and NGOs.
- · DHS OEC training forthcoming

Hennepin County Emergency Manageme



Auxiliary Emergency Communications Specialist (AECS)

- · Provide Auxiliary Communications to command post, EOC, or other ICS facility
- · "Communications of the weird"
- · "TRG-AUXCOMM" DHS OEC training forthcoming

Hennepin County Emergency Management



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HCEM AUXCOMM Team

- 5 members
- SB LII support for Hennepin, Minneapolis EOCs
- Technical and Operational Duties
- Public Safety and Amateur radio systems



Hennepin County Emergency Management

H

Thank You

Dan Anderson daniel.anderson@hennepin.us

(612) 596-0253

Hennepin County Emergency Management

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COMU Position Recognition Application Application Type: ☐ Initial Application Renewal ☐ Change of Status Position (check only one unless changing status): X COML □ COMT ☐ INCM □ INTD □ RADO □ AECS Name THOMAS UPPERT SCOTT (Last, First Middle) Certifying HENNEPIN Agency ECB/ESB HENNEPIN County Region METRO PARK 55415 AVE Agency Address MINNEAPOLIS 24/7 **Business** 651-755-4597 612-347-2141 Telephone Telephone SCOTT, HUPPERT CHEMED. ORG Email Address Signature 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. OHNSON - DEPUTY CHIEF Name & Title Agency 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

COMU Subcommittee & SWIC Recognition

The COMU Subcommittee and the SWIC have reviewed the request for state recognition and supports state recognition of this person.

SWIC Signature

Date

COMU Experience Record

Name (Last, First N	Middle) Hu	PPERT, Scott	THOMAS	
Agency	HENNEPIN	EMS	ECB/ESB Region METRO	
Position: Marcom COM INTD		□ COMT □ RADO	□ INCM □ 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)
1	2/23/21	QUARTERLY CRIF VIRTUAL MEETING, RAMSEY COUNTY CO-OP PLAN. TRACEY FREDRICK
Ì	3/10/2021	TYLER LUPKES - HENNEPIN EMS
1	3/16/21	DAN KLAWTTER- HENNEAN EMS
1	7/17/2019	2019 X-GAMES ICS 205 CHARLIE SLOAN III HENDERN EMS
Ĭ	2/25/2020	QUARTERLY CRIF MEETING - ICS FORMS/COMU POSITIONS TRACEY FREDRICK
		-,

I certify that I participated in the above activities.

	5,659
Signature	Date: 4/6/z1

	MINNESOTA METRO REGION ICS205		INCIE	DENT/EVENT NAME	O DESCRIPTION	DATE/TIME PR	EPARED	OPERATIONAL PERIOD DATE/TIME		
	INCIDENT, EVENT OR EXERCISE COMMUNICATIONS PLAN		Operation Safety Net - EMS			3/16/2021 1300hrs		4/1	4/19/2021 0800 - 5/31/2021 2359	
Line	Function (NET) (COMMAND, TACTICAL, SUPPORT, AIR)	Talkgroup/Channel/Phone	Assignment (LAW, FIRI, EMS, OTHER)	RX Freq (N or W)	RX Tone/NAC	TX Freq (N or W)	TX Tone/NAC	Mode (A, D or M)	Remarks	
1	OPERATIONS	HC-DTWN	EMS	ARMER		ARMER		D	Hennepin EMS Dispatch (MAIN)	
2	SUPPORT	HC-BUS	EMS	ARMER		ARMER		D	Hennepin EMS Info/Talk Around	
3	SUPPORT	WEST MRCC	EMS	ARMER		ARMER		D	Metro Region Patient Reports/Patient Tracking	
4	SUPPORT	SMRCC	EMS	ARMER		ARMER		D	Statewide Patient Reports/Patient Tracking	
5	TACTICAL	HC-TAC4	EMS	ARMER		ARMER		D	Hennnepin EMS Internal Strike Teams/MFF Units	
6	TACTICAL	ME TAC 7	EMS	ARMER		ARMER		D	Metro Region EMS Mutual Aid/Strike Teams	
7	TACTICAL	S TAC 7	EMS	ARMER		ARMER		D	Non Metro Region EMS Mutual Aid/Strike Teams	
8	SUPPORT	EMSCRD	EMS	ARMER		ARMER		D	EMS Command agency to agency coordination	
9	TACTICAL	SW-FG 7	EMS	ARMER		ARMER		D	FIRE/EMS talk around outside Minneapolis	
10	SUPPORT		EMS Dispatch						Hennepin EMS Dispatch	
11	SUPPORT		WMRCC						West MRCC Phone	
12										
13										
14										
15										
CLUE	7.0150 7.4450 7.4			SPECIAL INST						
SWFG	/ INFO TAKEN FROM	M EDINA FD COML ANDREW LA	VENTURE'S ICS 205	/ EMS AGENCIES CH	HECK MNTRAC	FOR INFO SHARING				
	: Scott Huppert /Da	aniel Klawitter				INCIDENT/EVENT LOCATION				
AGENCY: Hennepin EMS DFFICE: (612) -873-7522 CELL: (612)760-1706 EMAIL: Daniel.Klawitter@HCMED.org					Operation Safety Net, Chauvin Trial expected civil unrest					

The convention calls for frequency lists to show four digits after the decimal place, followed by either an "N" or a "W", depending on whether the frequency is narrow or wide band. Mode refers to either "A" or "D" indicating analog or digital or "M" indicating mixed mode. All channels are shown as if programmed in a control station, mobile or portable radio. Repeater and base stations must be programmed with the Rx and Tx reversed. (MESB Version 1.0, 11/2015)

	UECOTA METOC	DECION ICCOOL INCIDENT	ING	DENT/EVENT NAME	ME DATE/TIME PREPARED OPERATION		ATIONAL PERIOD DATE/TIME		
		REGION ICS205 INCIDENT, COMMUNICATIONS PLAN	Hennepin EMS EMD Paul Jacobs Procession 3/10/2021 2200				3/10/2021 2200		3/11/2021 1600-2100
Line	Function (NET)	Talkgroup/Channel/Phone	Assignment	RX Freq (N or W)	RX Tone/NAC	TX Freq (N or W)	TX Tone/NAC	Mode (A	Remarks
1	Tactical	ME TAC 5	EMS/LAW/FIRE	ARMER		ARMER		D	Procession Coordination
2									
3									
4									
5									
6								\vdash	
7								\vdash	
8								\vdash	
9									
10								\vdash	
11								\vdash	
12									
13									
14								-	
15				SPECIAL INST	DUCTIONS				
				SPECIALINS	RUCIIONS				
OML:	Scott Huppert					IN	ICIDENT/EVEN	LOCATION	
HONE	Y: Hennepin EMS : (651) 755-4597 (Cel Scott.Huppert@HCN	l). (612) 347-2141 (Dispatch)				MSF	International A	Airport to Blair	ne

The convention calls for frequency lists to show four digits after the decimal place, followed by either an "N" or a "W", depending on whether the frequency is narrow or wide band. Mode refers to either "A" or "D" indicating analog or digital or "M" indicating mixed mode. All channels are shown as if programmed in a control station, mobile or portable radio. Repeater and base stations must be programmed with the Rx and Tx reversed. (MESB Version 1.0, 11/2015)

Purpose	
Preparation	
ARMER Status Board	
Distribution	
Incident Event Name	
Date/Time Prepared	
Operational Period Date/Time	
Line Number	
Function	
Talkgroup/Channel/Phone	
Assignment	
Rx Frequency	
Rx Tone	
Tx Frequency	
Tx Tone	
Mode	
Remarks	
Special Instructions	
COML Contact Information	
Location	

MINNESOTA METRO REGION ICS205 INCIDENT, EVENT OR EXERCISE COMMUNICATIONS PLAN			INCIDENT/EVENT NAME XGAMES			7/17/2019 2200hrs		0PERATIONAL PERIOD DATE/TIME 8/1/2019 -8/4/2019 0800-2330		
1	COMMAND	612-281-0811	CMDR. DELMONICO						INCIDENT COMMAND	
2	COMMAND	METAC-8	LAW/EMS/FIRE	ARMER 800MHZ		ARMER 800MHZ		D	UNIFIED COMMAND B4 on MPD PORTABLES	
3	TACTICAL	MPPD 8	LAW	ARMER 800MHZ		ARMER 800MHZ		D	STADIUM INTERIOR	
4	TACTICAL	MPPD 9	LAW	ARMER 800MHZ		ARMER 800MHZ		D	STADIUM EXTERIOR	
5	TACTICAL	LTAC-4	LAW	ARMER 800MHZ		ARMER 800MHZ		D	IF NEEDED FOR LE INTEROP C5 on MPD PORTABLES	
6	TACTICAL	MP-SWAT2	LAW	ARMER 800MHZ		ARMER 800MHZ		D	MPD SWAT TALK AROUND 86 on MPD SWAT PORTABLES	
7	TACTICAL	West Main	LAW	ARMER 800MHz		ARMER 800MHz		D	Transit Police OPS	
8	TACTICAL	MPFD-1	LAW	ARMER 800MHz		ARMER 800MHz		D	MFD Fire OPS	
9	TACTICAL	METAC-10	EMS	ARMER 800MHz		ARMER 800MHz		D	HEMS Interop (If needed)	
10	TACTICAL	HCEVT	EMS	ARMER 800MHz		ARMER 800MHz		D	HEMS Internal TG	
11	LOGISTICS	WMRCC2	EMS	ARMER 800MHz		ARMER 800MHz		D	WMRCC Transport Logs.	
12	SUPPORT		LAW	LANDLINE		LANDLINE			MECC Supervisor MPD/MFD	
13	SUPPORT		LAW	LANDLINE		LANDLINE			Metro Transit PD	
14	SUPPORT		EMS	CELLULAR		CELLULAR			HEMS Duty Chief	
15	SUPPORT	0	EMS	LANDLINE		LANDLINE			HEMS Comm. Ctr	
ENN	EPIN EMS WILL PATO	CH HCEVT TO ME TAC 10 FOR A	ANY MUTUAL AID AM	SPECIAL INST IBULANCES CALLED		STADIUM	THE CHARLE			
COML: Scott Huppert COML						INCIDENT/EVENT LOCATION				

The convention calls for frequency lists to show four digits after the decimal place, followed by either an "N" or a "W", depending on whether the frequency is narrow or wide band. Mode refers to either "A" or "D" indicating analog or digital or "M" indicating mixed mode. All channels are shown as if programmed in a control station, mobile or portable radio. Repeater and base stations must be programmed with the Rx and Tx reversed. (MESB Version 1.0, 11/2015)

US BANK STADIUM - 401 CHICAGO AV, MINNEAPOLIS

AGENCY: Hennepin EMS PHONE: 651-755-4597

EMAIL: Scott.Huppert@HCMED.ORG

METROPOLITAN EMERGENCY SERVICES BOARD

PHONE: (651) 643-8395; FAX: (651) 603-0101 www.mn-mesb.org

COMMUNICATIONS RESPONSE TASKFORCE

Fall 2019 Quarterly Training November 19, 2019 (day course)

MESB Board Room 2099 University Ave W, St Paul, MN

ATTENDANCE

Name Organization 14000 a Venture Allina RON JANSON

CRTF Quarterly Training Attendance – February 2021

Day session – Tuesday, February 23

Travis Belisle, Airport

Don Smiley, Ramsey

Dawn Spencer-Marks, Ramsey

Andrew LaVenture, Edina

Candy Capra, Airport

Chad Steffen, Goodhue

Craig Brekke, Airport

Erin Wegner, Dodge

Jake Prager, Allina

Jerry Erickson, North Memorial

Jon Whitling, Airport

Bob Beem, Hennepin

Nate Timm, Washington

Mark VandenBerghe, Eden Prairie

Mike Ostlund, Hennepin

Ron Jansen, Dakota

Scott Huppert, Airport?

Alissa Baker, Scott

Curt Meyer, Hennepin

Autumn Stark, Scott

Rod Olson, Minneapolis

Al Jankovich, Isanti

Melissa Engley, Scott

Brad Winger, HSEM

Jeff Bjorklund, Airport

Evening Session – Thursday, February 25

Vicki Vadnais, Allina

Tyler Lupkes, HCMC

Wade Johnson, HCMC

Dan Anderson, Hennepin

Sara Boucher-Jackson, Minneapolis

Dan Klawitter, HCMC

Tim Albrecht, HCMC?

Denise McMullan, Ramsey

Dan Motley, Allina

COMU Position Recognition Application

Application Type: ☐ Initial Application ☐ Renewal	☐ Change of Status
Position (check only one unless changing status): ☐ COML ☐ COMT ☐ INTD ☐ RADO	□ INCM □ AECS
Name (Last, First Middle) Wagnes, Kyo K	
Agency MAC Energing Commissions	
County Henripin	ECB/ESB Region Melvo
Agency Address GIZO 34th Au S. Mas N	STATO
24/7 Telephone (GZ) 726-5577	Business Telephone (C7) 467 - C965
Email Address Kys., Wagne @ MSAMAE. avg	
Signature	Date 3-(4-71
named agency in that COMU position. The person serves to case, is recognized as an employee for the purposes of the protections afforded employees of the agency, when activate the whole the above named person serves in the COMU position person serves as an employee/representative of the agency. Name & Title	above identified COMU position(s) is recognized by the above the agency as a paid employee or as a volunteer but, in either Workers Compensation, liability, and all other liability-related and for duty. On(s), whether within the agency's jurisdiction, or outside, the
Regional Recognition The ECB/ESB region has reviewed the request for state reco	ognition and supports state recognition of this person.
Name & Title	Region
Signature	Date
COMU Subcommittee & SWIC Recognition The COMU Subcommittee and the SWIC have reviewed the this person.	request for state recognition and supports state recognition of
SWIC Signature	Date





TEXAS A&M ENGINEERING EXTENSION SERVICE

National Emergency Response and Recovery Training Center

in cooperation with the
Department of Homeland Security
Federal Emergency Management Agency

Kya K. Wagner

has successfully completed

Advanced ICS-400 Command and General Staff-Complex Incidents

Saint Paul, Minnesota, United States 14 Hours September 25 - 26, 2018

Gary F. Sera, Director
Texas A&M Engineering Extension Service

National Emergency Response and Recovery Training Center Texas A&M Engineering Extension Service

FP MGT905 318

TEEX ID 1674321

State Board for Educator Certification #500132





TEXAS A&M ENGINEERING EXTENSION SERVICE

National Emergency Response and Recovery Training Center

in cooperation with the
Department of Homeland Security
Federal Emergency Management Agency

Kya K. Wagner

has successfully completed

Intermediate ICS-300 for Expanding Incidents

Minneapolis, Minnesota, United States 20 Hours June 19 - 21, 2018

Gary F. Sera, Director
Texas A&M Engineering Extension Service

National Emergency Response and Recovery Training Center Texas A&M Engineering Extension Service

FP MGT904 409

TEEX ID 1674321

State Board for Educator Certification #500132

			INCID	INCIDENT/EVENT NAME		DATE/TIME PREPARED	PARED	OPE	OPERATIONAL PERIOD DATE/TIME
	COMMUNIC	COMMUNICATIONS PLAN		POTUS Visit		10/03/2018 1700	1700		10/04/2018 1100-1800
Line	Function (COMMAND, TACTICAL, SUPPORT, AIR)	Talkgroup/Channel/Phone	Assignment	RX Freq (N or W)	RX Tone/NAC	TX Freq (N or W)	TX Tone/NAC	Mode (A.DorM)	Remarks
∺	TACTICAL	STAC 4	LAW	ARMER 800MHz	N/A	ARMER 800MHz	N/A	٥	Motorcade (State, Hennepin, Metro Transit and Airport)
7	TACTICAL	STACS	LAW	ARMER 800MHz	N/A	ARMER 800MHz	N/A	D	Motorcade Disruption/Protest
m	TACTICAL	METAC 7	LAW	ARMER 800MHz	N/A	ARMER 800MHz	N/A	D	SWAT (Eagan, Burnsville, Richfield, Bloomington, Tri-
4	TACTICAL	METAC 6	LAW	ARMER 800MHz	N/A	ARMER 800MHz	N/A	۵	Event Disruption/Protest
S	TACTICAL	H-MAC-EOD	LAW	ARMER 800MHz	N/A	ARMER 800MHz	N/A	D	Airport K9 Sweeps
9	TACTICAL	H-MAC-ADM	LAW	ARMER 800MHz	N/A	ARMER 800MHz	N/A	Q	T1 Parking Ramps/External Security
7	TACTICAL	H-MAC-TAC3	LAW	ARMER 800MHz	N/A	ARMER 800MHz	N/A	۵	Event Disruption/Protest. Lt. Malone's Group
∞	TACTICAL	H-MAC-PDSO	LAW	ARMER 800MHz	N/A	ARMER 800MHz	N/A	D	Internal Hotel Secuirty
6	TACTICAL	H-MAC-FR1	FIRE	ARMER 800MHz	N/A	ARMER 800MHz	N/A	٥	Medical/Fire Response
10	COMMAND	METAC 4	LAW	ARMER 800MHz	N/A	ARMER 800MHz	N/A	O	Command Net
11									
12									
13									
14									
15									
16					a e				
		-		SPECIAL INSTRUCTIONS	FRUCTIONS				
IMPC	DRTANT NOTICE- AGENCIES	IMPORTANT NOTICE- AGENCIES INVOLVED ARE AT VARIOUS STAGES OF RADIO RE-PROGRAMMING	- RADIO RE-PROGRAMM	ING BE ADVISED: METAC	2=PTAC2, METAC	BE ADVISED: METAC2=PTAC2, METAC3=PTAC3, METAC4=PTAC4			

911-POLICE STRETENS EMERGENCY COMMUNICATIONS MSP AIRPORT

COML: Craig Brekke, Kya Wagner COMT CONTACT: 952-270-4609

6920 34th Avenue South, Minneapolis, Minnesota 55450 Minneapolis-Saint Paul International Airport ECC - IDT

InterContinental Hotel, 5005 Glumack Drive, Minneapolis, MN 55450. MSP Airport

INCIDENT/EVENT LOCATION

UNM MUNICALIONS 612-726-5577

The convention calls for frequency lists to show four digits after the decimal place, followed by either an "N" or a "W", depending on whether the frequency is narrow or wide band. Mode refers to either "A" or "D" indicating analog or digital (e.g. Project 25) or "W" indicating mixed mode. All channels are shown as if programmed in a control station, mobile or portable radio. Repeater and base stations must be programmed with the Rx and Tx reversed.



METROPOLITAN EMERGENCY SERVICES BOARD

COMMUNICATIONS RESPONSE TASK FORCE

Winter Quarterly Training Tuesday, February 26, 2019 10:00 a.m. – 12:00 p.m.

ATTENDANCE

Name	Agency/Organization
Mark Vandenmeltraadt	Allina EMS
Dan Klawitter	HEMS
MADE JOHN-SON	HEMS
HAR TEFFEW	TZWPD
Mark Vanden Bergh	Eden Prairie Jings
KOBERT BERM	HCSO
BRAD WINGER	HSEM
Travis Belist	MS Airport
Ky Wagner	was Diabout
RON JANSON	DAKOTA COUNCE
Am Smiley	Ramsey Co
NATE TIM	WASHINGTON CO
Red DISON	City of Minney golis
DAN MOTTEY	ALLINA
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METROPOLITAN EMERGENCY SERVICES BOARD

COMMUNICATIONS RESPONSE TASK FORCE

Spring Quarterly Training Tuesday, February 27th, 2018 10:00 a.m. – 2:00 p.m.

ATTENDANCE

<u>Name</u>	Agency/Organization
Chara Breikica	Azront
Carrie Sohnson	Airport
Andrew Laventure	Eding
Jake Thompson	Anoka Co.
King France	Hennemin
SCOTT ALPRETT	HENNEPIN EMS
Mark Vander Bench	Eder Prairie Cini
Curtis Mey	HCSO
Mark Vandammettnacht	Alling Ens
AME Tim	WASUNGEN CO
Ka SANOTA	DANDA Co.
DONA GUNGESSE	WEND 0050
Travis Belish	Airport
Ky Wagner	Airport
Sara Bineher Tackston	MECC
dennifer Geiselharg	MECC
Dawn Spencer-Marks	RCE((
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Tuesday, April 20, 2021

Tracey Fredrick
Metropolitan Emergency Services Board
2099 University Avenue West
Saint Paul, Minnesota 55104

RE: ARMER Participation Plan Amendments

Dear Tracey,

Hennepin EMS is requesting approval for the following modifications to our ARMER participation plan.

The request is the addition of two (2) Motorola MCC-7500e mobile dispatch positions. These mobile positions will provide backup dispatch capabilities for the Hennepin EMS Emergency Communications Center, and a remote work environment for our Incident Dispatch Team when working in support of local, regional, state, and federal incidents. These mobile dispatch positions would possess the same approved ARMER Talkgroups that the Hennepin EMS ECC positions would have.

Sincerely

Wade Johnson, EMD, NRP, TLO

Deputy Chief - Manager

Communications & West MRCC

Tel: 612-873-5678

Fax: 612-904-4605

Hennepin EMS

Minneapolis, MN 55415

(612)-873-5672

Fax: 612-904-4537

Radio Encryption Best Practices Metro Region

The following guide is meant to be used for direction for those entities planning to make the switch to encrypted radios. This guide is not a directive standard and can evolve over time. If you have any questions or concerns about this guide, please contact the MESB Radio Services Coordinator.

Prior to Cutover

- Consider partner entities who share talkgroups, especially mains. Communicate prior to the
 cutover, with recommendations for communication at the time of the decision made to cutover,
 six months prior to cutover, two months prior, one month prior, and once each week in the last
 month. A notice should also be sent to the ARMER System Managers list and the Metro PSAP
 Managers list within the month before cutover.
- Coordinate how entities will receive the DES or AES key. Note that a KVL *must* be kept secured, per SECB Standard LMR-50. If possible, consider having this information password protected.
- Verify capacity for logging and potential increase for logging needs

Programming Changes

- Consider adding an 'E' to talkgroup names that are encrypted. Note that, given some display limitations, this designation may not always be seen on the display.
- Emergency Button, Home Channel, and Key Loading should be considered for subscriber programming in different zones.
- The use of selectable encryption should be avoided; if used, radios must be encryption-capable. Special care should be taken to ensure transmissions are appropriate.

During Cutover

- Notifications sent out to documented partner entities on new permissions and how to share keys
- Consider how long to keep former talkgroups enabled and communicate the date that former talkgroups will be disabled
- Configure logger and load encryption keys, if new
- Remove clear channels from backup consolettes if those channels will be disabled
- Ensure channel capacity is understood (cannot patch encrypted to clear)

Concerns

- Be prepared for media requests
- If an encrypted talkgroup gets patched to a clear talkgroup, the transmission is no longer encrypted
- When an encrypted TG is patched to a clear TG, 2 repeaters are being used instead of 1 (overuse of system resources)

Metro Mobility Usage (Hours:Mins:Secs) 2021

		Anoka (Lino				North	Hennepin	
Month	City Center	Lakes)	Dakota	Norwood	Hastings	Branch	West	Overall
January	63:54:47	31:25:26	21:23:55	11:11:37	32:59:25		21:56:38	182:51:48
February	57:56:13	24:20:30	18:36:36	10:21:59	31:51:11		16:53:24	159:59:53
March	53:34:46	27:26:49	26:20:11	9:52:27	35:08:45		16:49:47	169:12:45
April								
May								
June								
July							_	
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

150:00:00 75:00:00 75:00:00 75:00:00 0:00:00

75:00:00 525:00:00

Target