METROPOLITAN EMERGENCY SERVICES BOARD
RADIO TECHNICAL OPERATIONS COMMITTEE AGENDA
February 24, 2021, 1:00 p.m.

This meeting will be conducted online (no in-person location). To join online, please go to https://metropolitanemergencyservicesboard.my.webex.com/metropolitanemergencyservicesboard.my/j.php?MTID=mbf500ea993bdcf6540d4b50203e96393. To join the audio portion only, please call 408-418-9388, use code 182 402 1391. If prompted for a password, use Radio (72346 from touchpad).

1. **Call to Order** – Committee Vice-Chair, Ron Jansen

2. **Approval of Agenda** – Jansen

3. **Approval of Minutes of January 27, 2021 Meeting** – Jansen

4. **Action Items**
    A. Eagan Fire Department Waiver Request – Jansen
    B. Washburn County, WI Interoperability Participation Plan Request – Nate Timm/Marcus Bruning
    C. DNR METAC E Permission Request – Cory Palmer
    D. Temporary Permissions for METAC E Requests – Tracey Fredrick

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

6. **Committee Reports**
    A. Metro Mobility System Usage Update – Chad LeVasseur/Clay Stenbeck
    B. System Managers/Metro Owners Group Update – Ron Jansen
    C. MnDOT ARMER System Update – John Anderson/Tim Lee/Dave Klema
    D. SECB Committees
        i. Steering – Jill Rohret/Fredrick
        ii. LMR (OTC) – Nate Timm/Mike Mihelich
        iii. WBBA (IDC) – Rod Olson/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

8. **Adjourn**

Reminder: Next meeting scheduled for March 24, 2021

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Radio Technical Operations Committee
January 27, 2021
Draft Meeting Minutes
Meeting Held via WebEx

Members Attendance

Derek Baas, Sherburne County
Jeff Bjorklund, MSP Airport
Cory DeMuth, Anoka 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
Nick Schatz, Scott County
Bob Shogren, Isanti County - **absent**
Chuck Steier, U of M PD
Jake Thompson, Chisago County
Nate Timm, Washington County
Victoria Vadnais, Allina EMS
Mark VandenBerghe, Mn State Fire Chiefs

Guests: John Anderson, MnDOT; Tim Boyer, MN State Patrol; Marcus Bruning, ECN; King Fung, Hennepin County; Scott Haas, Scott County; Heidi Hieserich, MSP Airport; Jeff Lessard, U of M; Mike Melby, North Memorial; Val Sprynczynatyk, Anoka County; Clay Stenback, Metro Transit

MESB Staff: Tracey Fredrick, Jill Rohret, Martha Ziese

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

2. Approval of Agenda
Tracey Fredrick said she will be presenting Action Item 4C. Stearns County METAC E Permissions.

Jeff Bjorklund moved to approve the amended agenda for January 27, 2020 meeting. Mike Mihelich seconded. Motion carried.

Approval of Agenda roll call

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

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Total Votes: 14 Yes 0 No Motion passes

3. Approval of Minutes
Nick Schatz moved to approve the minutes from the October 28, 2020 meeting. Victoria Vadnais seconded. Motion carried.

Approval of Minutes roll call

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

Total Votes: 15 Yes 0 No Motion passes

Action Items
4A. COMU Recognitions/Renewals
i. Amy Sizer INTD Recognition
ii. LaVae INCM Recognition

Motion made by Curt Meyer to approve INTD Recognition for Amy Sizer and LaVae Robinson INCM Recognition. Mike Mihelich seconded. Motion carried. Friendly amendment to combine both action items and approve both.

4A. COMU Recognitions/Renewal approval roll call

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

Vadnais	EMS	X	
VandenBerghe	Fire Chiefs	X	

Total Votes: 15 Yes 0 No Motion passes

B. North Memorial Participation Plan Amendment

Mike Melby said North Memorial is in the process of building out a COOP and training center at the hospital location which will include eight MCC7500e console positions. North Memorial is requesting approval of their ARMER participation plan to include these consoles.

Meyer asked if Air Care is dispatched out of North Memorial and if Air Care is encrypted. Melby said that Air Care is encrypted by ADP encryption currently.

Nick Schatz asked if MnDOT has approved the amendment and what will be used for private connections.

Melby said there is private fiber between the two locations and switched ethernet through CenturyLink, but there are other private connections that could be used. John Anderson did not have issue with this and suggested that sometime in the future a Zone 1 console site. North Memorial is also planning firewall install to keep this secure.

Olson said that the only current state approved method for encryption is the crypter module. Melby said they would not use encryption until the state approved the software module.

Thompson asked who would be doing the install for this project. Melby said Motorola will be installing eight consoles for a total of 16 consoles, with the understanding that both sites will not be in use at the same time to cause any bandwidth issues.

Motion made by Jeff Bjorklund, seconded by Curt Meyer to approve the North Memorial participation Plan Amendment. Motion carried.

4B. North Memorial Participation Plan Amendment approval roll call

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

Total Votes: 15 Yes 0 No Motion passes

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C. Stearns County METAC E permissions

Fredrick said Stearns County is requesting access to METAC 11E and12E. These will be used for interoperability purposes, likely for disaster relief or civil unrest.

Ron Jansen asked if they had our key. Tracey believed that they do but will confirm.

Motion by Ron Jansen, seconded by Curt Meyer to approve Stearns County METAC E permissions. Motion carried.

4C. Stearns County METAC E permissions approval roll call

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

Total Votes: 15 Yes 0 No Motion passes

D. MAC MCC7500e Console Addition

Bjorklund said Metropolitan Airports Commission is requesting permission to add one portable MCC7500e console to be used for support public safety operations in the Incident Command Post Situation Room. There are two firewalls that will be used during this project.

Schatz asked if it was one or two firewalls that were going to be replaced. Bjorklund said that one will be replaced, but they are still using the other firewall on the ARMER side, so there will be two firewalls in use.

Olson asked if their firewall is an open ISP. Bjorklund said that large firewall cluster is open, but they do have a CJIS firewall as well. They are considering a Cisco AnyConnect.

Motion made by Meyer, seconded by Jansen to approve the addition of one portable MCC7500e console. Motion carried.

4D. MAC MCC7500e Console Addition approval roll call

Name	Entity	Yes	No
Baas	Sherburne	X	
Bjorklund	Airport	X	
DeMuth	Anoka	X	
Jansen	Dakota	X	
LeVasseur	Metro Transit	X	

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Meyer	Hennepin	X	
Mihelich	Ramsey	X	
Olson	Minneapolis	X	
Sauter	Carver	X	
Schatz	Scott	X	
Steier	U of M	X	
Timm	Washington	X	
Thompson	Chisago	X	
Vadnais	EMS	X	
VandenBerghe	Fire Chiefs	X	

Total Votes: 15 Yes 0 No Motion passes

E. State Patrol ME TAC 11E and 12E Permissions

Tim Boyer said the State patrol is requesting authorization to the ME TAC 11E and the ME TAC 12E encrypted talkgroups.

Jansen asked if the consoles would be reliant on the local PSAPs to patch.

Thompson asked if the dispatchers are trained not to patch.

Boyer said the staff will be made aware and be trained accordingly.

Motion made by Jansen, seconded by Mike Mihelich to approve the use of the METAC11E and 12E talkgroup permissions by the State Patrol. Motion carried.

Mihelich said he wanted to confirm that the clear METACs will also be placed in the radios. Boyer said that he believed those were granted permission at an earlier meeting and confirmed on State Patrol radios. These would be the only two new requests due to the encryption. Fredrick confirmed.

Jansen said to not use the key from MnDOT, to reach out to Ron or Tracey to get the key.

Nate Timm said he had heard that this would not be a fleetwide but individual permission.

Boyer said for his involvement in the rollout, initially 12 radios specific to the west metro will be programmed. That process will be used to determine cost. Also, possible if the deadline of March 1, 2021 cannot be met, there has been some talk of programming some supervisor radios for interoperability.

4E. State Patrol ME TAC 11E and 12E Permissions approval roll call

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

Thompson	Chisago	X	
Vadnais	EMS	X	
VandenBerghe	Fire Chiefs	X	

Total Votes: 15 Yes 0 No Motion passes

F. Standards Update
i. Appendix C-Talkgroup Permission Template
Fredrick said the Appendix C updates include separating out clear requests and patching ability for encrypted talkgroups.

Motion made by Rod Olson, seconded by Meyer to approve the Appendix C Talkgroup Permission Template revision. Motion carried.

4F. Appendix C-Talkgroup Permission Template approval roll call

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

Total Votes: 15 Yes 0 No Motion passes

5. Moves, Additions & Changes to the System
Schatz said that the cutover with law enforcement encryption talkgroups is scheduled for February 22, 2021. For any shared talkgroup permissions, contact Schatz.

Mark VandenBerghe said Eden Prairie PD want to go encrypted with some of their talkgroups in March.

Mihelich said the White Bear Lake water tower project has been completed and have been back on the air since late December. A thank you to Washington County for allowing Ramsey to use their towers during the project.

Timm said Washington County is currently finalizing the freeze on Aviat Microwave replacement, will be replaced with Eclipse. There will be some extra true point points to be used as spares free of charge.

Jansen said they are in the process of installing the FAS option into Aviat Microwave for 6 Ghg microwave monitoring. This assists with knowing if you have any interference on the microwave links.

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6. Committee Reports
A. Metro Mobility System Usage Update
Chad LeVasseur said regarding the questions on the move from the Roseville location to St. Paul and that there is no difference other than where the CenturyLink T1 is coming from. Usage numbers have not changed in regard to the pandemic.

Jansen asked if the ridership numbers are coming back up to normal. Clay Stenbeck said the ridership is still down about 60%, and is expected that will remain until spring.

B. System Managers/Metro Owners Group Update
Jansen said the Metro Owners Group (MOG) has been dissolved. The SMG has been become a monthly meeting. The SMG meeting today had a Motorola update. Jake Thompson is working to formulate training standards to keep System administrators up-to-date. There was a Genesis update.

C. MnDOT ARMER System Update
John Anderson said the replacement of the metro microwave MUX equipment in partnership with Hennepin County. Training is scheduled for March before the Floyd trials get underway and implementation will follow shortly after. Momentary outages are expected site by site with the MUX replacement.

D. SECB Committees
i. Steering
Jill Rohret said the Steering Committee met in January. The regional and state-wide strategic planning effort was the main topic of discussion. Volunteers are being sought for this committee.

ii. LMR
Timm said the January 12 meeting held discussions on the U.S. border patrol requested additional IDs and Steele County requested an amendment for additional radio IDs and talkgroup additions. Also discussed was a scanning standard and some minor edits to a talkgroup radio standard.

iii. WBBA
Olson said the WBBA met January 19. There was an update on the state-wide cellular coverage tool RFP process. There were two respondents, and the next step is to set up some demonstrations with them. There was an update on the 2020 enhancements and site builds from AT&T. There was discussion on the proposed rulemaking of the 4.9 GHZ public safety licenses. The FCC plans to give control of the 4.9 GHz frequencies to each state to control or lease out. At some point the committee will weigh in on that issue. The LTE-LMR Practice Guide was approved to be posted on the SECB website.

iv. IOC & Workgroups
a. IOC
Thompson said the IOC met on January 19. There were two COML renewals approved. There was a report on the COMU workgroup. There was an announcement for the regional leadership meeting that took place on January 25.
b. STR Workgroup – no report
c. COMU Workgroup – no report

v. IPAWS
Scott Haas said there was a discussion about the progress for the work that has been done on the State Emergency Alert System Plan. All of the wireless emergency alerts that went out over the past year were reviewed. About 5-10% were errant alerts that were corrected with supplemental training. There were some unique alerts that went out for civil unrest and the pandemic; this year saw more alerts that went out because of these events. The Alerting

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Authority workgroup is reviewing national templates for emergency alerts and EAS.

vi. Finance/Grants Workgroup
Fredrick said the Finance Committee met on January 14. There was discussion and action on Standard 6.5.0 regarding grant funding and the process for obtaining and distributing grant funding. That will be on the SECB agenda tomorrow for approval. There are continued discussions on the grants process and the role of the Finance Committee to the SECB. There will be a SHSP grant discussion and requirements for the T-CPR grant at the Grants Workgroup next Tuesday.

7. Other Business
A. METAC Permission update
Fredrick said Stearns County has been granted use of clear channels.

B. Outside MN/Non-Public Safety Entities Access to METACs
Fredrick said there was a question raised at the LMR meeting about how all the regions handle access to regional interoperability channels. Most were covered, but were asked how each region would want to handle access for agencies not in Minnesota or non-public safety entities. Metro standard currently states that permission needs to come through the TOC for these types of entities.

Olson asked if there is a distinction between encrypted and non-encrypted access. Fredrick said that this would mainly be for clear talkgroups, as standard states everyone needs TOC permission for encrypted talkgroups, regardless.

Jansen said he felt anything non-public safety should come to the Radio TOC for approval.

Timm asked if it would burden the group for any potential influx of requests. Fredrick said she does not believe that there will be a large amount of requests from outside MN agencies or non-public safety entities looking for these channels.

C. Additional METAC E Channels
Fredrick said there have been discussions about adding more METAC E Channels.

Meyer said he did not think there was a heavy usage of them currently, and that anything done with them should coincide with the change management process. He does believe that this will become a concern in the future as more entities move to encryption.

Jansen asked if a workgroup should be formed to begin the change management process.

Jansen agreed but this should be a continued discussion. VandenBerghe said it seems more and more people are pushing for encryption. Schatz said with the potential of more civil unrest perhaps it should be acted upon sooner rather than later. Jansen said if they were approved today there would not be enough time for implementation before the Floyd trials.

Rohret said that she felt it was in 2017 or 2018. Fredrick will track down the dates the change management process was discussed.

Jansen, Schatz, Olson, Timm and Meyer volunteered to work on the workgroup when formed. Marcus Bruning asked to be notified when the workgroup begins to meet.

Haas said the State Standard for Change Management process was to have begun in 2020 for a 4-year cycle.

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D. Update on Pandemic PSAP Response Groups

Mihelich said all efforts have been to focus on CAD East to West environments tabletop exercise to allow the evaluation team to test the functionality of Rapid Deploy. During the Train-the-Trainer session in June of 2020, it was found their platform was unstable and slow. Rapid Deploy has been working on the stability and latency issue and has continuously moved out their production ready date to the week of February 22. The tentative date for the tabletop exercise is scheduled for February 26, 2021 at 10:00 A.M.

Jansen asked if anything was being done with the phones or radios. Mihelich said multiple groups have met and talkgroup lists are being consolidated.

Meyer said that a West side consolidation has been created. Paging for fire is still a struggle.

Mihelich said the majority of PSAPs will have connectivity back at their home CAD systems.

E. Cross-patching LTE to LMR discussion

Olson said there have been discussions about how LTE talkgroups should be controlled, specifically during the large incidents and events. Olson asked if the Radio TOC wanted to discuss any type of coordination for cross-patching to LTE.

Jansen said the change made to Appendix C with patching ability addresses some concern about granting that access.

Mihelich asked if anyone in metro that is going to purchase this LMR device. It does not sound as though anyone has one or is seriously considering right now, because of pricing.

Olson said that COML coordination during large events will be needed.

F. Participation in Regional Strategic Planning

Fredrick said the planning sessions dates are February 22, March 8 and March 15 1-3 PM. Volunteers are still being sought.

Jansen said there is plans for the local system administrators to meet prior to strategic planning meetings.

Rohret said in addition to Mike Mihelich and Jake Thompson, there are several 9-1-1 TOC volunteers. Jansen volunteered.

LeVasseur added that the work at MOA is completed, not related to regional strategic planning.

8. Adjournment 2:25 PM

MEMO

To: Metro TOC, Chair Jake G. Thompson
CC: Tracey Fredrick
From: Ron Jansen \ Dakota County
Date: 25 January 2021
RE: LTACE's for 1 Eagan SWAT Team Member

Dakota County is seeking a waiver to State Standard 3.19.0 "Use of 800 MHz Statewide LTAC and SIU Interoperability Talkgroups". 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.

Thank you for your consideration on this item.

Best Regards,
    Ron

ARMER SYSTEM PARTICIPATION REQUEST

Date: 01/29/2021

Requesting Entity: Washburn County, Wisconsin Emergency Management

Entity Type: Emergency Management

Participation Level: Interoperability

Area of Operation: Northeast Minnesota Emergency Communications Board (ECB) Region and
Metro Minnesota Emergency Communications Board (ECB) Region

Section 1: Overview

WASHBURN COUNTY EMERGENCY MANAGEMENT is a recognized public safety entity that has a regional communication team that serves Northwest Wisconsin with trained COML, COMT, INTD, and logistics personnel for expanding incidents. Included in the counties we serve are several border counties with Minnesota.

WASHBURN COUNTY EMERGENCY MANAGEMENT is seeking ARMER system interoperability plan participant status to achieve interoperable Land Mobile Radio (LMR) communications with Minnesota public safety agencies that operate within the Northeast and Metro Minnesota Emergency Communications Board (ECB) regions.

Section 2: ARMER System Participation Eligibility

As a public safety service provider, WASHBURN COUNTY EMERGENCY MANAGEMENT is eligible to utilize the ARMER system for interoperable LMR communication purposes under Statewide Emergency Communications Board (SECB) Standard 1.10.0 (Requesting Participation and Participation Plan Changes).

Section 3: Governance

As an ARMER system interoperability plan participant, WASHBURN COUNTY EMERGENCY MANAGEMENT will:

- Not utilize ARMER system equipment and resources until this plan has been approved by the SECB and a fully executed agreement with the contracting entity (Minnesota Department of Transportation)has been completed.
- Engage in regular communication and interaction with representatives from the SECB, the Northeast/Metro Minnesota ECBs, the Minnesota Department of Public Safety, division of Emergency Communication Networks (MN DPS-ECN), and the contracting entity regarding matters related to ARMER system interoperability and their participation status.
- Seek the approval of the SECB, the Northeast/Metro Minnesota ECBs, MN DPS-ECN, and/or the contracting entity prior to making any changes to the provisions of this plan.

Section 4: Standard Operating Procedures

As an ARMER system interoperability plan participant, <u>WASHBURN COUNTY EMERGENCY MANAGEMENT</u> will not utilize ARMER system equipment and resources until such time as they have developed internal standard operating procedures (SOPs) governing the use of ARMER system equipment and resources in situations requiring interoperable LMR communications with Minnesota public safety agencies. These SOPs will be consistent with established best practices governing the use of ARMER system equipment and resources by interoperability plan participants.

Section 5: Technology - ARMER System Equipment (Subscriber)

As an ARMER system interoperability plan participant, <u>WASHBURN COUNTY EMERGENCY MANAGEMENT</u> will furnish the following subscriber equipment to support their access to the ARMER system:

Quantity	Equipment	Assignment
1	Motorola APX8000 Portable	COML/COMT/INTDs
1	Motorola APX7000 Portable	COML/COMT/INTDs
5	Motorola XTL-2500 Mobiles	COML/COMT/INTDs & Comm Trailer
4	Motorola XTL-5000 Mobiles	COML/COMT/INTDs & Comm Trailer
2	Motorola XTS-2500 Portable	COML/COMT/INTDs

<u>WASHBURN COUNTY EMERGENCY MANAGEMENT</u> will be responsible for all initial and ongoing costs associated with the purchase, configuration, security, and maintenance of equipment necessary to operate on the ARMER system. This equipment will be maintained in accordance with applicable SECB Standards and Equipment Specifications.

Section 6: Technology - ARMER System Radio User IDs

As an ARMER system interoperability plan participant, <u>WASHBURN COUNTY EMERGENCY MANAGEMENT</u> is requesting the following quantity of ARMER system radio user IDs to support their access to the ARMER system:

Quantity	Assignment
13	Current Needs
7	Projected Future Needs (replacing VHF to dual band mobiles)

TOTAL ARMER System Radio User IDs Requested = 20

Section 7: Technology - ARMER System Talkgroups/Channels

As an ARMER system interoperability plan participant, <u>WASHBURN COUNTY EMERGENCY MANAGEMENT</u> will utilize the ARMER system talkgroup/channel resources noted in 'Attachment A' to achieve interoperable LMR communications with Minnesota public safety agencies.

<u>Notes:</u>
- Permissions to utilize the ARMER system talkgroup/channel resources noted in 'Attachment A' will be obtained by submitting an 'ARMER System Talkgroup Authorization Request' form to the appropriate entity.

- Additional ARMER system talkgroup/channel authorizations may be sought and obtained through controlling authorities such as individual cities, counties, and other entities authorized to grant these permissions. These authorizations will be obtained as prescribed by applicable SECB Standards.
- As an ARMER system interoperability plan participant, WASHBURN COUNTY EMERGENCY MANAGEMENT is not authorized to create and/or utilize any ARMER system talkgroups/channels that are specific to their organization/entity.
- Usage of ARMER system talkgroup/channel resources will be limited to areas within the geographic boundaries of the State of Minnesota.
- At this time, WASHBURN COUNTY EMERGENCY MANAGEMENT is capable and prepared to utilize encrypted ARMER system interop talkgroups upon approval from regional or state authorities.

Section 8: Technology - ARMER System Equipment (Other)

As an ARMER system interoperability plan participant, WASHBURN COUNTY EMERGENCY MANAGEMENT will furnish the following other equipment to support their access to the ARMER system:

Quantity	Equipment	Assignment
1	JPS Interoperability Solutions ACU-1000	Communications Trailer
1	JPS Interoperability Solutions ACU-1000	Portable Interop Gateway Box
1	Midian IS-2 Interoperability Gateway	Communications Trailer - Dedicated VHF to 800mhz Patch
1	Motorola APX JPS Interoperability Cable	Communications Trailer

Note: Washburn County will not patch encrypted resources per ARMER standards.

WASHBURN COUNTY EMERGENCY MANAGEMENT will be responsible for all initial and ongoing costs associated with the purchase, configuration, security, and maintenance of equipment necessary to operate on the ARMER system. This equipment will be maintained in accordance with applicable SECB Standards and Equipment Specifications.

Section 9: Technology - ARMER System Loading and Other Adverse Impacts

At this time, there are no known or anticipated system loading or other adverse impacts on ARMER system performance associated with WASHBURN COUNTY EMERGENCY MANAGEMENT operating as an ARMER system interoperability plan participant.

Representatives from WASHBURN COUNTY EMERGENCY MANAGEMENT will collaborate with the SECB, the contracting entity, and any other impacted party to identify and mitigate any system loading and/or other adverse impacts on ARMER system performance that their participation as an ARMER system interoperability plan participant may create.

Section 10: ARMER System Training

As an ARMER system interoperability plan participant, WASHBURN COUNTY EMERGENCY MANAGEMENT will:

- Not utilize ARMER system equipment and resources until such time as they have been provided appropriate training as required by applicable SECB Standards.
- Participate in regular training and exercise activities with Minnesota public safety agencies to ensure that they remain proficient in the operation of the equipment and resources used to access the ARMER system.

Section 11: ARMER System Usage

As an ARMER system interoperability plan participant, <u>WASHBURN COUNTY EMERGENCY MANAGEMENT</u> will not utilize ARMER system equipment and resources for any purposes other than achieving interoperable LMR communications with Minnesota public safety agencies involved in emergency and disaster response operations.

As an ARMER system interoperability plan participant, <u>WASHBURN COUNTY EMERGENCY MANAGEMENT</u> is not authorized to utilize the ARMER system for internal day-to-day, administrative, and non-emergency communications purposes, except where otherwise approved by the SECB.

Section 12: Point of Contact (Technical Services)

Washburn County
As an ARMER system interoperability plan participant, <u>WASHBURN COUNTY EMERGENCY MANAGEMENT</u> has designated the following individual(s)/entity(s) to serve as the technical services point of contact for matters related to public safety LMR communications. This individual/entity will meet the requirements of SECB Standard 1.11.01 (System Administrators Definition) and will be responsible for addressing any technical issues related to the configuration, deployment, and maintenance of the ARMER system equipment and resources described herein.

Tucker McCumber
Radio Tech / Field Comm Coordinator
Washburn County Emergency Mgmt
421 Highway 63
Shell Lake, WI 54871

Telephone: (715) 416-2791
E-Mail: tmccumbe@co.washburn.wi.us

Local Minnesota System Administrator
The following individual/agency will serve as the ARMER System Manager for WASHBURN COUNTY EMERGENCY MANAGEMENT and will be responsible for system record creation/maintenance, disabling radios, and reporting:

Nate Timm
Radio System Manager
Washington County Sheriff's Office
15015 62nd St North, Stillwater, MN 55082
Telephone: O: 651-430-7863 M: 651-764-5185
E Mail: Nate.Timm@co.washington.mn.us

Section 13: Point of Contact (Administrative)

As an ARMER system interoperability plan participant, <u>WASHBURN COUNTY EMERGENCY MANAGEMENT</u> have designated the following individual(s) to serve as their administrative point of contact for matters related to their usage of ARMER system equipment and resources:

  Carol Buck
  Emergency Management Director
  Washburn County Emergency Mgmt
  421 Highway 63
  Shell Lake, WI 54871

  Telephone: (715) 468-4730
  E-Mail: cbuck@co.washburn.wi.us

Section 14: Plan Submittal

Submitted by <u>WASHBURN COUNTY EMERGENCY MANAGEMENT</u> on the <u>29th </u>day of January, 2021.

Carol Buck, Washburn County Emergency Management (Designated Agency Administrator Signature)

Attachment A: Requested ARMER System Interoperability Talkgroups/Channels

MN Statewide Public Safety	Northeast MN Regional	Metro MN Region	National 800 MHz	700 MHz ARMER Conventional	700 MHz ARMER Conventional Encrypted	800 MHz ARMER Conventional
STAC-1	NE CALL	ME TAC 1	8CALL90	7SOA-1	7SOA-1E	8SOA-1
STAC-2	NE-2	ME TAC 2	8TAC91	7SOA-2	7SOA-2E	8SOA-2
STAC-3	NE-3	ME TAC 3	8TAC92	7SOA-3	7SOA-3E	8SOA-3
STAC-4	NE-4	ME TAC 4	8TAC93	7SOA-4	7SOA-4E	8SOA-4
STAC-5	NE-5	ME TAC 5	8TAC94	7SOA-5	7SOA-5E	FSOA-1
STAC-6	NE-6	ME TAC 6	8CALL90D	7SOA-6	7SOA-6E	FSOA-2
STAC-7	NE-7	ME TAC 7	8TAC91D	7SOA-7	7SOA-7E	---
STAC-8	NE-8	ME TAC 8	8TAC92D	7SOA-8	7SOA-8E	---
STAC-9	NE-9	ME TAC 9	8TAC93D	7SOA-9	7SOA-9E	---
STAC-10	NE-10	ME TAC 10	8TAC94D	7SOA-10	7SOA-10E	---
STAC-11	NE-11	---	---	7SOA-11	7SOA-11E	---
STAC-12	NE-12	---	---	7SOA-12	7SOA-12E	---
STAC-13E	WISMIN-1	---	---	---	---	---
STAC-14E	WISMIN-2	---	---	---	---	---
MN-COML	NE EM TAC	---	---	---	---	---
MSP CALL	---	---	---	---	---	---

ARMER
TALKGROUP
AUTHORIZATION REQUEST

Requesting Entity Information	
Entity: Minnesota DNR Division of Enforcement	Date: 2/11/2021
Requestor: Captain Cory Palmer	
Address: 21371 State HWY 15, New Ulm, MN 56073	
Telephone: 320-233-1206	
Email: cory.palmer@state.mn.us	
Requestor Signature:	

Talkgroup Requests			
Talkgroup	Radio Types	Radio Quantities	Hex ID (provided by Authorizing Agency)
ME10	Mobiles Portables Consoles	Fleet Wide	
ME-TAC11E & ME-TAC 12E	Mobiles/Portables/Consoles	Fleet Wide	

Reason for the Request
The Minnesota DNR Division of Enforcement is purchasing encryption capable radios, with this we are updating our radio fleet map(s) to increase the interoperable communication capabilities on the ARMER system. Per SECB Standard LMR-1 (Talkgroup and Multigroup Ownership), the Minnesota DNR Division of Enforcement is seeking ECB/ESB updated approval to include the encryption talkgroups for each of the state's seven Emergency Communications Board (ECB) and Emergency Services Board (ESB) regions in the mobile and portable radios assigned to Conservation Officers.

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

Conditions

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

METROPOLITAN
EMERGENCY SERVICES BOARD

2099 UNIVERSITY AVENUE WEST
SAINT PAUL, MINNESOTA
55104-3431

PHONE 651-643-8395
WWW.MN-MESB.ORG

February 16, 2021

FOR RADIO TOC FEBRUARY MEETING

Radio TOC Members,

I would like the Radio TOC to consider options for allowing permissions for the METAC encrypted channels (METAC 11E and 12E) for the upcoming trials and potential civil unrest. With the commencement of the first trial on March 8, 2021, the February meeting of the Radio TOC will be the last one held prior to that commencement.

If any requests should arise for the METAC encrypted channels, the permission would currently, by standard, require this group to grant permission. There are two options for the committee to consider as temporary measures to grant permissions for mutual aid.

First, the group could grant temporary permission, beginning now until the end of the trial, to allow METAC encrypted channels to be granted as clear channels are today. This would mean that the request would be sent through the Regional Radio Services Coordinator and could be granted for public safety entities. Similar to METAC clear channels, the Regional Radio Services Coordinator would report each month on any permissions that have been granted. These requests could also be ratified by the Committee at the meeting following.

A second option to allow temporary permissions to the METAC encrypted channels may be to allow the committee to vote via electronic email and ratify at a following meeting.

Please take these into consideration and to make a temporary change to these permissions. Any temporary permission granted would end after the trials have concluded and would return to regular standard.

Sincerely,
Tracey J. Fredrick
Regional Radio Services Coordinator, Metropolitan Emergency Services Board
2099 University Avenue West
Saint Paul, MN 55104
(651) 643.8398
tfredrick@mn-mesb.org

Metro Mobility Usage
(Hours:Mins:Secs)
2021

Month	City Center	Anoka (Lino Lakes)	Dakota	Norwood	Hastings	North Branch	Hennepin 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								
March								
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
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