

Management of System

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Standard Number	Procedure Title	Description	SECB Approval	NW	NE	CM	ME	SW	SC	SE	State
1.6.6	Security - Infrastructure Security "Data Classification"	Defines classification of data about ARMER system	2/26/2009								X
1.7.0	Subscriber Radio Standards	To set minimum technical performance standards for suscriber radios on ARMER system; policy for avoiding premature obsolescence of radios; procedures for SRB to measure, test, certify, and publish list of approved radios	3/8/2005								X
1.8.0	System Change Management	To establish procedure for managing and approving changes to ARMER system backbone	SUNSET 9-22-16 see 1.8.1				X				X
1.8.1	Changes to Operational Standards	To set forth the process for considering operational and technical changes to the ARMER backbone.	9/22/2016								
1.8.1	Bi-Directional Amplifiers	Metro Standard					X				
1.9.0	Regional Development and Responsible Entity	To identify who contracts with each region;hierarchy between MNDOT and potential users	9/27/2007								X
1.10.0	Requesting Participation and Participation Plan Changes	To establish procedure for an eligible entity to apply for participation in ARMER and to make changes to their participation plan	4/28/2011								X
1.10.1	Requesting Participation	Metro standard					X				
1.10.2	Requesting Participation by Non-Public Safety/Non-Public Service Organizations	To establish a policy that will provide for non-public safety/non-public service organizations not specifically addressed in other ARMER standards to use the ARMER system	8/28/2014								X
1.11.1	Training - System Administrators	To establish minimum training standards for system administrators	9/1/2005								X
1.11.2	Training - Technical Staff	To establish minimum training standards for technical staff	9/1/2005								X
1.11.3	Training - Dispatchers	To establish minimum training standards for dispatchers	9/1/2005								X
1.11.4	Training - 800MHz Radio Users	To establish minimum training standards for radio operators	9/1/2005								X

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Configuration and Allocation

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Standard Number	Procedure Title	Description	SRB Approval	NW	NE	CM	ME	SW	SC	SE	State
2.2.0	Radios Aliases	To set forth the principle for establishing names for radios	9/1/2005								X
2.3.0	Talkgroup and Multigroup Names (Implementation Delayed)	To set forth the principle for establishing standard names for talkgroups and multi-groups (implementation delayed)	4/28/2010								X
2.4.0	Console Naming	To set forth the principle for establishing names for Radio ID's used to support dispatch consoles	SUNSET 6/1/2016								X
2.5.0	ID & Talkgroup Allocation	To simplify management of radio ID's by allocating talkgroup ID ranges and radio ID ranges for individual agencies	10/22/2009								X
2.6.0	Fleetmap Standards	Defines process on how fleetmap information should be documented by each supporting administrative agency	2/26/2009								X
2.7.0	Use of Shared Talkgroups	Predefines sharing authorization of talkgroups	9/1/2005								X
2.8.0	Talkgroup & User Priorities	To establish priority levels for talkgroups	9/1/2005								X
2.9.0	800 MHz Statewide Wide Area Talkgroup Access and Management	To establish policy on radio connectivity with the ARMER system	SUNSET 12/22/16 see 2.9.1								X
2.9.1	Talkgroup Site Access and Roaming	To establish a policy for system and subscriber unit programming to provide ARMER users with wide area access, as needed, while minimizing roaming and preventing unnecessary system loading	12/22/2016								X
2.10.0	Telephone Interconnect	Managing use of interconnect functionality	9/1/2005								X
2.11.0	Radio Site Access	Managing site access	SUNSET 12/22/16 see 2.9.1								X
2.12.0	Scanning	Defines procedures and responsible authorities for scanning	9/1/2005								X
2.13.0	Logger Port Assignments	Defines procedure for assignment of central logger audio ports	SUNSET 12/22/16								X
2.14.0	Private Call	Managing use of private calls	9/1/2005								X
2.15.0	Status Message Transmission	Specifies this is an available feature of the system	9/1/2005								X

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2.16.0	Emergency Button	Emergency Button configuration information	9/1/2005								X
2.17.0	Multigroup/Announcement	Requirements for shared multigroups and talkgroups within multigroups	9/1/2005								X
2.18.0	CAD & ATIA Connectivity	To establish policy & procedures to connect Cad, Logging systems, and air traffic information access to ARMER system	7/27/2006								X
2.19.0	Embassy Audio Switch Port Allocation	Managing system access of audio switch Ports	11/18/2010								X

Interoperability Standards

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Standard Number	Procedure Title	Description	State Standard SRB Approval	NW	NE	CM	ME	SW	SC	SE	State
3.1.0	Use of Regional 800 MHz to MINSEF Interoperability	Metro standard, now deleted									
3.2.0	SYS-TECH Talkgroup	Defines function, purpose, and operation of SYS-TECH talkgroup	3/23/2006								X
3.3.0	Use of Regional 800 MHz to Statewide Fire Mutual Aid Interoperability	Metro standard, now deleted									
3.4.0	Use of Regional 800 MHz to MIMS Interoperability	Metro standard, now deleted									
3.5.0	National/Statewide VHF Interoperability Resources (VLAW31, VMED28, VFIR23, MIMS)	To establish procedures for use and patching of VHF Interop Resources	SUNSET 1-1-2013 see 3.16.5								X
3.6.0	Use of the METTAC-P and METTAC-A	Metro standard - deleted 5-8-13					X				
3.7.0	Recording Interoperability Channels & Talkgroups	To establish policy and procedure regarding recording interagency communications	7/23/2009								X
3.8.0	LE & IR Nationwide Channels for Interoperability	Metro standard					X				
3.9.0	Nationwide VHF & Interoperability Channels	Metro standard					X				
3.10.0	Interoperability Channels and Talkgroups for U.S. Government Radios	Metro standard					X				
3.11.0	FEDCOM	Metro standard					X				
3.12.0	Talkgroup and Multigroup Ownership	Defines the ownership of private, shared, interop, and multigroup talkgroups	12/17/2009								X
3.13.0	Interoperability Between Regional 800 MHz system and Other 800 MHz systems - ICALL, ITACS	Metro standard					X				
3.14.0	Use of Regional 800 MHz Common Pool Talk Groups - ATACS and PTACS	Metro and Regional standard					X	X	X	X	
3.15.0	Use of 700 MHz & 800 MHz Statewide Scene of Action Channels (effective 11/22/13)	Provides protocol, procedures, and parameters for use of SOA talkgroups	3/28/2013								X

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3.16.0	800 MHz Statewide STAC Interoperability Talkgroups (effective 11/22/13)	To establish policy & procedures for use of Statewide 800 MHz major incident talkgroups & zones	3/28/2013								X
3.16.1	Threshold of Use of Statewide LTAC 1-4 talk Groups-Vehicle Pursuits	Metro standard					X				
3.16.2	Use of Statewide 800 MHz STAC 1-12 Talkgroups - Air Ambulance Emergency LZ Coordination	Specifies use of Statewide S-TAC talkgroups for landing zones	3/24/2016				X				X
3.16.3	Cross Spectrum Interoperability System 800 MHz National Mutual Aid Resources	To establish procedure for use and patching of 800 MHz national mutual aid resources	9/27/2012								X
3.16.4	Cross Spectrum Interoperability System VLAW31 Resources	To establish procedures for use and patching of VLAW31 resources	9/27/2012								X
3.16.5	Cross Spectrum Interoperability System VHF Variable Frequency Station (VFS) Resources	To establish procedures for use and patching of VHF Variable Frequency Station resources (VFS)	9/27/2012								X
3.16.6	800 MHz Statewide Uniform Interoperability Radio Zones (effective 11/22/13)	To establish policy and procedures for the implementation of two 800 MHz uniform interoperability zones in all subscriber radios throughout the state	3/28/2013								
3.17.0	Criteria for State Certification as a Communications Unit Leader type III	To establish protocol & procedures for certification and re-certification of COMLs in Minnesota	7/23/2009								X
3.17.1	Criteria for State Certification as a Communications Unit Leader type III Instructor	To establish protocol & procedures for certification of COML Instructors in Minnesota	5/27/2010								X
3.17.2	S-COML Talkgroup	Defines the function, purpose, and operation of the S-COML talkgroup	1/24/2011								X
3.17.3	Criteria for State Certification as an All-Hazards Communications Technician	To establish protocol & procedures for certification and re-certification for COMTs in Minnesota	2/26/2009								X
3.17.4	Event & Exercise Communications Planning	Metro standard				X	X				X
3.18.0	Standardized FCC Interoperability Channel Naming Format (effective 11/22/13)	Each FCC designated Interoperability channel in public safety radio services shall have a unique name developed according to a standardized format.	3/28/2013								X

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Standard Number	Procedure Title	Description	State Standard SRB Approval	NW	NE	CM	ME	SW	SC	SE	State
3.19.0	Use of 800 MHz Statewide LTAC and SIU Interoperability Talkgroups (effective 11/22/13)	To establish policy and procedures for LTAC and SIU talkgroups	3/28/2013								X
3.20.0	METPHs	Metro standard					X				
3.21.0	Initial Comm Plan for LG Scale and Disaster Mutual Aide	Metro standard					X				
3.22.0	Use of Mobile/Portable Gateways	Metro standard					X				
3.23.0	Connecting Into the Interoperability System	To establish procedures for connecting ARMER to "conventional" VHF and UHF systems	12/17/2009								X
3.24.0	PSAP Interoperability	To establish minimum guidelines for development of regional interop standards for communication with PSAPs and users	10/27/2011				X				X
3.25.0	Radio to Radio Cross Band Repeaters	To establish procedures for the use of temporary radio system to radio system repeaters for interagency intercommunications	7/23/2009								X
3.26.0	Use of the East and West Metro EMS Talkgroups EMS-W and EMS-E	Metro standard					X				
3.27.0	Use of the MRCC Talkgroups-WMRCC, EMRCC,MRCXP1 & XP2	Metro standard					X				
3.28.0	Use of Statewide Emergency Management Talkgroup SEMTAC	To establish operational policy for Statewide Emergency Management talkgroup SEMTAC	4/26/2007								X
3.28.1	Metro Emergency Management Talkgroup	Metro standard					X				
3.28.2	Use of Duty Officer Talkgroup, MNDO	To establish procedures for the use of the MN Duty Officer Talkgroup, MNDO	9/27/2012								X
3.29.0	EMS-Coord Talkgroup	To establish the function, purpose, and operations of the EMS Multi-Agency talkgroup EMS-Coord	3/25/2010								X
3.29.1	EMSAIRCOM	Talkgroup to facilitate communications between helicopter communications centers	11/20/2014								X
3.30.0	Metro METCOM Talkgroup	Metro standard					X				

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Standard Number	Procedure Title	Description	State Standard SRB Approval	NW	NE	CM	ME	SW	SC	SE	State
3.31.0	ARMER System StatusBoard Application Talkgroup or Channel Minimum Requirements	To establish a guideline for the minimum talkgroups required on ARMER system radio consoles Status Board applications	1/22/2009				X				X
3.32.0	Statewide Interoperable Plain Language Policy	Use of plain language for clear communications to effectively coordinate activities	5/28/2009								X
3.33.0	Establishment of Strategic Technology Reserve	To establish an organizational structure for coordination and access for Minnesota's Strategic Technology Reserve	11/18/2010								X
3.33.1	STR Radio Cache	To establish policies and procedures for deployment and use of Strategic Technology Reserve radio cache	11/18/2010								X
3.33.2	STR Transportable Tower/Repeater	To establish policies and procedures for the deployment and use of the STR Transportable Tower and Repeater	11/18/2010								X
3.33.3	Satellite Enabled ARMER base Radio Site (SAT-COW)	To establish policy and procedures for the deployment and use of the STR satellite-enabled ARMER base radio site (SAT-COW)	11/18/2010								X
3.33.4	NW STR Transportable Tower/Repeater/Radio Cache	NW Region Standard		X							
3.34.0	Cache Radio Standards	Metro standard					X				
3.35.0	National Weather Service ARMER Radio Operations	To define ARMER talkgroups and procedures to be used by National Weather Service offices to communicate with ARMER regions during severe weather events	1/24/2013				X				X
3.36.0	EMS-SMRCC,EMS-MRCXP1 & EMS-MRCXP2	To establish operational policy for use of Statewide EMS Medical Resource Control Center related talkgroups	4/28/2010								X
3.37.0	EMH-SED	To establish operational policy for use of Emergency Medical Hospital Statewide Emergency Department talkgroup	6/23/2011								X
3.38.0	Use of Region 5 Emergency Management Talkgroup R5EMTAC		not created								
3.39.0	Programming and Use of FCC-Designated Interoperability Channels		not created								

Interoperability Standards

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System Access by NGO's

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Board Financial Policies and Procedures

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Compliance and Conflict Resolution

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