

# Metro Region ARMER Standards

## Section 3 – Metro 3.10.0 Recommended Interoperability Channels And Talkgroups for U.S. Government Radios

Date Established

3-05-08

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12-21-16

### 1. Purpose or Objective

To establish policy for recommended interoperability channels and talkgroups for U.S. Government radios.

### 2. Technical Background

#### • Capabilities

These channels and talkgroups can be programmed into user VHF, UHF and 800 MHz ARMER radios, incident command posts and emergency operations centers. These nationwide, statewide and region-wide channels and talkgroups can meet a wide range of interoperability needs and can function as the primary communications component in local, regional, statewide and national plans.

#### • Constraints

The availability and the use of these channels and talkgroups must be easily understood by radio user personnel who are primarily concerned with their mission and not with the operation of radios under stressful conditions. Because U.S. Government agencies may need to work with any local agency in any part of the state, it is highly recommended that when agencies purchase 800 MHz ARMER system radios, they obtain radios that have displays, are capable of DES-OFB encryption, and allow a minimum of 10 zones.

### 3. Operational Context

These channels and talkgroups can be used to facilitate communications among agencies and service branches that typically do not communicate with each other on a regular day-to-day basis and to support effective command and management of major incidents under the NIMS protocols.

### 4. Recommended Protocol/Standard

It is recommended that U.S. Government agencies program selected nationwide, statewide and region-wide interoperability channels into their day-to-day VHF and UHF radios that can be patched to the ARMER trunked system. It is also recommended that U.S. Government agencies each acquire a small quantity of 800 MHz P25 trunked radios for use on the ARMER trunked system and direct interoperability with state and local users. A list of recommended shared interoperability resources is attached to this Standard. Specific programming information will be provided to the federal agency's technical personnel upon request.

### 5. Recommended Procedure

#### Best Practices Encouraged

All agencies are encouraged to follow practices outlined by the U.S. Department of Homeland Security SAFECOM Program. Key elements of SAFECOM include:

- Regional and statewide interoperability SOPs for incident response should be developed and should be molded to conform to the elements of the National Incident Management System.
- Users should be provided with regular comprehensive training on the interoperability SOPs.
- Interoperability SOPs should be tested through realistic exercises to address potential problems.
- The interoperability systems and SOPs should be used every day for managing routine, as well as emergency, incidents requiring interoperability. In this optimal solution, users are familiar with the operation of the system and routinely work in concert with one another.
- Trained Communications Unit Leaders should be developed to assist with incident pre-plans and to provide on-scene incident support by managing communications and apply available technical solutions at larger or unexpected interoperability incidents.

## **6. Management**

The MESB's Radio Technical Operations Committee will periodically review and update the recommended resource listing attached to this document.

### VHF CHANNELS

<u>HIGHLY RECOMMENDED</u>	<u>ELIGIBILITY</u>
FEDCOM-MP	ALL FEDERAL DEPARTMENTS
FEDCOM-SP	ALL FEDERAL DEPARTMENTS
VCALL10	ALL FEDERAL DEPARTMENTS
VTAC14R	ALL FEDERAL DEPARTMENTS
LE-2	LAW ENFORCEMENT ONLY
IR-2	ALL FEDERAL DEPARTMENTS
VLAW31	LAW ENFORCEMENT ONLY
VTAC11	ALL FEDERAL DEPARTMENTS
<u>OPTIONAL</u>	<u>ELIGIBILITY</u>
VTAC12	ALL FEDERAL DEPARTMENTS
VTAC13	ALL FEDERAL DEPARTMENTS
VTAC14	ALL FEDERAL DEPARTMENTS
MNCOMM	ALL FEDERAL DEPARTMENTS
VFIRE23	FIRE SUPPRESSION ONLY
VMED28	MEDICAL ONLY
HTAC-3	PUBLIC SAFETY ONLY

### UHF CHANNELS

<u>HIGHLY RECOMMENDED</u>	<u>ELIGIBILITY</u>
UTAC41	ALL FEDERAL DEPARTMENTS
LE-12	LAW ENFORCEMENT ONLY
IR-12	ALL FEDERAL DEPARTMENTS
<u>OPTIONAL</u>	<u>ELIGIBILITY</u>
UCALL40	ALL FEDERAL DEPARTMENTS
UCALL40D	ALL FEDERAL DEPARTMENTS
UTAC41D	ALL FEDERAL DEPARTMENTS
UTAC42	ALL FEDERAL DEPARTMENTS
UTAC42D	ALL FEDERAL DEPARTMENTS
UTAC43	ALL FEDERAL DEPARTMENTS
UTAC43D	ALL FEDERAL DEPARTMENTS

### 700 MHz CONVENTIONAL CHANNELS

<u>HIGHLY RECOMMENDED</u>	<u>ELIGIBILITY</u>
7SOA1	ALL USERS
7SOA2	ALL USERS
7SOA3	ALL USERS
7SOA4	ALL USERS
7SOA5	ALL USERS
7SOA6	ALL USERS
7SOA7	ALL USERS
7SOA8	ALL USERS
7SOA9	ALL USERS
7SOA10	ALL USERS
7SOA11	ALL USERS
7SOA12	ALL USERS

### ARMER 800MHz CONVENTIONAL CHANNELS AND TALKGROUPS

<u>CONVENTIONAL</u>	<u>ELIGIBILITY</u>
8CALL90	ALL USERS
8CALL90D	ALL USERS
8TAC91	ALL USERS
8TAC91D	ALL USERS
8TAC92	ALL USERS
8TAC92D	ALL USERS
8TAC93	ALL USERS
8TAC93D	ALL USERS
8TAC94	ALL USERS
8TAC94D	ALL USERS
8SOA1	ALL USERS
8SOA2	ALL USERS
8SOA3	ALL USERS
8SOA4	ALL USERS
FSOA-1	FIRE/EMS ONLY
FSOA-2	FIRE/EMS ONLY
<u>STATEWIDE TALKGROUPS</u>	<u>ELIGIBILITY</u>

LTAC1	LAW ENFORCEMENT ONLY
LTAC2	LAW ENFORCEMENT ONLY
LTAC3	LAW ENFORCEMENT ONLY
LTAC4	LAW ENFORCEMENT ONLY
STAC1	ALL USERS
STAC2	ALL USERS
STAC3	ALL USERS
STAC4	ALL USERS
STAC5	ALL USERS
STAC6	ALL USERS
STAC7	ALL USERS
STAC8	ALL USERS
STAC9	ALL USERS
STAC10	ALL USERS
STAC11	ALL USERS
STAC12	ALL USERS
STAC13E	ENCRYPTED ALL USERS
STAC14E	ENCRYPTED ALL USERS
BCATAC7	LAW ENFORCEMENT ONLY
LTAC5E	ENCRYPTED LAW ENFORCEMENT ONLY
LTAC6E	ENCRYPTED LAW ENFORCEMENT ONLY
LTAC7E	ENCRYPTED LAW ENFORCEMENT ONLY
LTAC8E	ENCRYPTED LAW ENFORCEMENT ONLY
SIU1E	ENCRYPT. LAW ENF. TASK FORCE ONLY
SIU2E	ENCRYPT. LAW ENF. TASK FORCE ONLY
SIU3E	ENCRYPT. LAW ENF. TASK FORCE ONLY
SIU4E	ENCRYPT. LAW ENF. TASK FORCE ONLY
SEMTAC	All USERS
MDH-EM1	PUBLIC HEALTH - REQUIRES PERMISSION
MDH-EM2	PUBLIC HEALTH - REQUIRES PERMISSION
<u>METRO REGION TALKGROUPS</u>	<u>ELGIBILITY</u>
ME TAC1	ALL USERS
ME TAC2	ALL USERS
ME TAC3	ALL USERS
ME TAC4	ALL USERS
ME TAC5	ALL USERS
ME TAC6	ALL USERS
ME TAC7	ALL USERS

ME TAC8	ALL USERS
ME TAC9	ALL USERS
ME TAC10	ALL USERS
ME TAC11E	ENCRYPTED LAW ENFORCEMENT ONLY*
ME TAC12E	ENCRYPTED LAW ENFORCEMENT ONLY*
*Agencies not included in the MESB JPA, requires written permission from the MESB for the ME TACE talk groups	
METPH1	PUBLIC HEALTH & PUBLIC SAFETY ONLY
METPH2	PUBLIC HEALTH & PUBLIC SAFETY ONLY
METPH3	PUBLIC HEALTH & PUBLIC SAFETY ONLY
METPH4	PUBLIC HEALTH & PUBLIC SAFETY ONLY
ME RVR HAIL	PUBLIC SAFETY ONLY
ME RVR OPS	PUBLIC SAFETY ONLY
METEM	ALL USERS
<u>CENTRAL REGION TALKGROUPS</u>	<u>ELIGIBILITY</u>
CM CALL	ALL USERS – REQUIRES PERMISSION
CM 2	ALL USERS – REQUIRES PERMISSION
CM 3	ALL USERS – REQUIRES PERMISSION
CM 4	ALL USERS – REQUIRES PERMISSION
CM 5	ALL USERS – REQUIRES PERMISSION
CM 6	ALL USERS – REQUIRES PERMISSION
CM 7	ALL USERS – REQUIRES PERMISSION
CM 8	ALL USERS – REQUIRES PERMISSION
CM 9	ALL USERS – REQUIRES PERMISSION
CM 10	ALL USERS – REQUIRES PERMISSION
CM 11	ALL USERS – REQUIRES PERMISSION
CM 12	ALL USERS – REQUIRES PERMISSION
<u>NORTHEAST REGION TALKGROUPS</u>	<u>ELGIBILITY</u>
NE CALL	ALL USERS – REQUIRES PERMISSION
NE 2	ALL USERS – REQUIRES PERMISSION
NE 3	ALL USERS – REQUIRES PERMISSION
NE 4	ALL USERS – REQUIRES PERMISSION
NE 5	ALL USERS – REQUIRES PERMISSION
NE 6	ALL USERS – REQUIRES PERMISSION
NE 7	ALL USERS – REQUIRES PERMISSION
NE 8	ALL USERS – REQUIRES PERMISSION

NE 9	ALL USERS – REQUIRES PERMISSION
NE 10	ALL USERS – REQUIRES PERMISSION
NE 11	ALL USERS – REQUIRES PERMISSION
NE 12	ALL USERS – REQUIRES PERMISSION
<u>NORTHWEST REGION TALKGROUPS</u>	<u>ELIGIBILITY</u>
NW CALL	ALL USERS – REQUIRES PERMISSION
NW 2	ALL USERS – REQUIRES PERMISSION
NW 3	ALL USERS – REQUIRES PERMISSION
NW 4	ALL USERS – REQUIRES PERMISSION
NW 5	ALL USERS – REQUIRES PERMISSION
NW 6	ALL USERS – REQUIRES PERMISSION
NW 7	ALL USERS – REQUIRES PERMISSION
NW 8	ALL USERS – REQUIRES PERMISSION
NW 9	ALL USERS – REQUIRES PERMISSION
NW 10	ALL USERS – REQUIRES PERMISSION
NW 11	ALL USERS – REQUIRES PERMISSION
NW 12	ALL USERS – REQUIRES PERMISSION
<u>SOUTH CENTRAL REGION TALKGROUPS</u>	<u>ELIGIBILITY</u>
SR CALL	ALL USERS – REQUIRES PERMISSION
SR 2	ALL USERS – REQUIRES PERMISSION
SR 3	ALL USERS – REQUIRES PERMISSION
SR 4	ALL USERS – REQUIRES PERMISSION
SR 5	ALL USERS – REQUIRES PERMISSION
SR 6	ALL USERS – REQUIRES PERMISSION
SR 7	ALL USERS – REQUIRES PERMISSION
SR 8	ALL USERS – REQUIRES PERMISSION
SR 9	ALL USERS – REQUIRES PERMISSION
SR 10	ALL USERS – REQUIRES PERMISSION
SR 11	ALL USERS – REQUIRES PERMISSION
SR 12	ALL USERS – REQUIRES PERMISSION
<u>SOUTHEAST REGION TALKGROUPS</u>	<u>ELIGIBILITY</u>
SE CALL	ALL USERS – REQUIRES PERMISSION
SE 2	ALL USERS – REQUIRES PERMISSION
SE 3	ALL USERS – REQUIRES PERMISSION
SE 4	ALL USERS – REQUIRES PERMISSION
SE 5	ALL USERS – REQUIRES PERMISSION
SE 6	ALL USERS – REQUIRES PERMISSION
SE 7	ALL USERS – REQUIRES PERMISSION
SE 8	ALL USERS – REQUIRES PERMISSION

SE 9	ALL USERS – REQUIRES PERMISSION
SE 10	ALL USERS – REQUIRES PERMISSION
SE 11	ALL USERS – REQUIRES PERMISSION
SE 12	ALL USERS – REQUIRES PERMISSION
SE 13	ALL USERS – REQUIRES PERMISSION
SE 14E	ENCRYPT. ALL USERS – REQUIRES PERMISSION
SE 15E	ENCRYPT. ALL USERS – REQUIRES PERMISSION
<u>SOUTHWEST REGION TALKGROUPS</u>	<u>ELIGIBILITY</u>
SW CALL 1	ALL USERS – REQUIRES PERMISSION
SW TAC2	ALL USERS – REQUIRES PERMISSION
SW TAC3	ALL USERS – REQUIRES PERMISSION
SW TAC4	ALL USERS – REQUIRES PERMISSION
SW TAC5	ALL USERS – REQUIRES PERMISSION
SW TAC6	ALL USERS – REQUIRES PERMISSION
SW TAC7	ALL USERS – REQUIRES PERMISSION
SW TAC8	ALL USERS – REQUIRES PERMISSION
SW TAC9	ALL USERS – REQUIRES PERMISSION
SW TAC10	ALL USERS – REQUIRES PERMISSION
SW TAC11	ALL USERS – REQUIRES PERMISSION
SW TAC12	ALL USERS – REQUIRES PERMISSION
SW TAC13	ALL USERS – REQUIRES PERMISSION