

## **Allied Radio Matrix for Emergency Response System (ARMER) Standards, Protocols, Procedures**

Document Section 3	<b>Interoperability Standards</b>	<b>Status:</b> Complete
State Standard Number	<b>3.19.0</b>	
Standard Title	<b>Use of Statewide 800 MHz Common Pool Talkgroups – LE_TACs &amp; LESIU_TACs</b>	
Date Established		<b>SECB Approval:</b> 5/27/2010
Replaces Document Dated	<b>8/14/2007</b>	
Date Revised	<b>1/26/2009</b>	

### **1. Purpose or Objective**

The purpose of this standard is to establish policy and procedures for use of the statewide 800 MHz common pool talkgroups. The common pool talkgroups are a system wide resource to facilitate communications between agencies with Special Investigative Units that typically do not communicate with each other on a regular basis.

### **2. Technical Background**

#### **▪ Capabilities**

It is possible to have access to one or more common pool of encrypted talkgroups in radios used by agencies that share use of the statewide 800 MHz radio system. These encrypted talkgroups can be used for a wide range of intercommunication when coordination of activities between personnel of different agencies is needed on an event.

#### **▪ Constraints**

The LE\_TACs and LESIU\_TACs talkgroups are always encrypted.

LESIU\_TAC1-4 are only to be use by Special Investigation Units, for example, Gang and Drug task forces, SWAT, etc. LESIU\_TAC1-4 will not be programmed in dispatch consoles.

When using LESIU\_TAC1-4, if non-Special Investigation Unit officers and dispatchers need to participate in an activity, it is up to the local incident command to supply those persons with a radio with LESIU\_TAC1-4.

LESIU\_TAC1-4 is not to be patched with any other talkgroup.

LE\_TAC1-4 can be used by all law enforcement agencies.

### **3. Operational Context**

The common pool encrypted talkgroups are a system wide resource to facilitate communications between Special Investigative Units that typically do not communicate with each other on a regular basis.

*All radios using LE TAC-4 and LESIU TAC1-4 must use the state assigned encryption keys. The Minnesota Department of Transportation (MnDOT) System Administrator will be responsible for managing the statewide encryption key.*

### **4. Recommended Protocol/ Standard**

#### **LE TAC1 -4TALKGROUPS**

<b><u>TG Requirements</u></b>	<b><u>For Whom?</u></b>
<u>Highly Recommended</u>	<u>LE communications, i.e. Gang, Drug, Swat task forces</u>
<u>Recommended</u>	
<u>Optional</u>	<u>All law enforcement agencies</u>
<u>Not Allowed</u>	<u>All others</u>

<b><u>Cross Patch Standard</u></b>	<b><u>YES / NO</u></b>	<b><u>To Talkgroups</u></b>
<u>Soft Patch</u>	<u>Yes</u>	<u>To encrypted talkgroups only</u>
<u>Hard Patch</u>	<u>No</u>	

#### **LESIU TAC1-4TALKGROUPS**

<b><u>TG Requirements</u></b>	<b><u>For Whom?</u></b>
<u>Highly Recommended</u>	<u>SIU communications, i.e. Gang, Drug, Swat task forces</u>
<u>Recommended</u>	
<u>Optional</u>	
<u>Not Allowed</u>	<u>All others</u>

<b><u>Cross Patch Standard</u></b>	<b><u>YES / NO</u></b>	<b><u>To Talkgroups</u></b>
<u>Soft Patch</u>	<u>No</u>	
<u>Hard Patch</u>	<u>No</u>	

LESIU\_TAC1 to be intended for SIU users of the system.

LESIU\_TAC2 “

LESIU\_TAC3 “

LESIU\_TAC4 “LE\_TAC1 “

LE\_TAC2 “

LE\_TAC3 “

LE\_TAC4 “

*Additional as needed.*

When using LESIU\_TAC1-4, the incident command will provide radios for other non-SIU entities assisting, such as patrol officers, dispatchers, etc.

The StatusBoard application will be used to manage the pool talkgroup resource.

The LESIU\_TACs and LE\_TACs talkgroups will not be included in any forced scan lists of any radio of the appropriate user groups "All, Public Safety" on the statewide 800 MHz trunked radio system.

None of the LESIU\_TACs and LE\_TACs talkgroups shall be part of any multi-group.

The LESIU\_TACs and LE\_TACs recording procedure falls under Section 3.7.0 – Recording Interagency Talkgroups.

LESIU\_TAC1-4 will not be programmed in dispatch consoles.

LE\_TAC1 -4 can optionally be programmed in dispatch consoles.

It is highly recommended that SIU radio users program a sufficient quantity of LESIU\_TAC and LE\_TAC talkgroups into their subscriber radios to meet their interagency communications needs, starting with LESIU\_TAC1 and LE\_TAC1.

**If an agency elects to not program a sufficient quantity of TAC talkgroups, it is the individual agency's responsibility to understand that they will be limiting their ability to communicate with other agencies during an emergency event. The agency will be responsible to resolve its interagency communications methods during an event.**

## **5. Recommended Procedure**

LESIU\_TAC1-4 and LE\_TAC1-4 may only be used directly and not be patched to other resources to meet the communications needs of an event.

The usage of LE\_TAC1-4 for **PREPLANNED NON-EMERGENCY** interoperability events should be LE\_TAC 4, 3, 2, 1 and in that order.

The usage of LE\_TAC1-4 for **UNPLANNED EMERGENCY** interoperability events should be LE\_TAC 1, 2, 3, 4 and in that order.

The usage of LESIU\_TAC1-4 for **PREPLANNED NON-EMERGENCY** interoperability events should be LESIU\_TAC 4, 3, 2, 1 and in that order.

The usage of LESIU\_TAC1-4 for **UNPLANNED EMERGENCY** interoperability events should be LESIU\_TAC 1, 2, 3, 4 and in that order.

When an LE\_TAC or LESIU\_TAC resource is needed, any agency may contact an appropriate 800 MHz dispatch center, capable of assigning LE\_TAC or LESIU\_TAC resources, to have the next preferred available LE\_TAC or LESIU\_TAC assigned. There must be an agreement between the agency and the dispatch center to provide this service.

The dispatch center will then use the "Status Board" application to identify the use of the LESIU\_TAC and LE\_TAC resources and share the status with the other 800MHz dispatch centers. The purpose of this is to effectively utilize the pool resources, and prevent activities from being stepped on.

At the end of the event, the 800MHz assigning dispatch center must clear the status, so the other dispatchers will know this resource is available for use.

## **6. Management**

The dispatch center managers for agencies on the statewide 800 MHz radio system shall ensure that there is a procedure for assigning the LESIU\_TAC and LE\_TAC talkgroups.

The MnDOT System Administrator shall be responsible for the StatusBoard application.

Dispatch center operators shall receive initial and continuing training on the use of this procedure.

Responsibility for monitoring performance and for modifying this procedure shall be a function of the agencies using this resource.

Eligibility to allow these talkgroups with the encryption key will be the responsibility of the local System Administrator. This authorization will be supported by the local law enforcement official responsible for the requesting agency.