Illinois

Tactical Interoperable Communications Plan (TICP)

January 2017

Final

Version 2.4

As Approved by the Statewide Interoperability Executive Committee (SIEC) on 01/19/2017

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Tactical Interoperable Communications Plan
Signature Page

Approved by:

01-23-17

Capt. Felix Canizares, ISP / Chair — Date
Statewide Interoperability Executive Committee

01·24·17

Walt Lewis / IEMA Comms Manager — Date
Illinois Emergency Management Agency

01.26.2017

Joe Galvin / SWIC — Date
ITTF / IEMA

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Concurrence:

Voted on and Approved by the Statewide Interoperability Executive Committee on January 19, 2017 by all voting members.

- Chicago OEMC
- Cook County DHSEM
- Cook County Sheriff Illinois State Police – Chair
- Illinois Association of Chiefs of Police
- Illinois Association of Fire Protection Districts
- Illinois Emergency Management Agency – Vice Chair
- Illinois Emergency Services Management Association
- Illinois Department of Public Health
- Illinois Fire Chiefs Association
- Illinois Law Enforcement Alarm System
- Illinois Office of the State Fire Marshal
- Illinois Secretary of State Police
- Illinois Sheriffs Association
- Illinois Terrorism Task Force
- Mutual Aid Box Alarm System
- St. Louis Metro UASI

Record of Change

Change No.	Description	Change Date
001	Added Signature blocks	2011/10/30
	Executive Overview – Clarifying language about the 102 County TICPs	2013/02/15
002	Section 1.2 - Added new NGO	2011/10/30
	Section 1.3 – New Section Private Agencies Represented in the state TICP	2013/05/01
003	Section 1.5 Noted remaining TICPs to be created in the state.	2013/05/01
	Section 1.6 – New contact information	2013/05/01
006	Section 3.1.3– Added "Emergency Radio Traffic section"	2011/10/30
	Section 3.1.4 – Added new graphic and New position – Aux Comm	2013/05/01
004	Section 3.1.5 – Added a Bullet " Because of the potentially detrimental impact on STARCOM21 system performance when STARCOM21 users throughout the state monitor talkgroups in use elsewhere; only users authorized by a COML or COMC should monitor or transmit on a given talkgroup."	2011/10/30
005	Section 3.1.6 – Added "Rules about Scanning"	2011/10/30
007	Chapter 4 - When we discuss Interoperable Systems we will call them "Interoperable Systems"	2011/10/30
008	Chapter 4 - When we discuss Interoperable Channels we will call them "Shared Channel"	2011/10/30
008.a	Updated language regarding permanent patch with STARCOM21 and ISPERN. It is no longer permanent, but can be set up on demand.	2014/09/25
009	Table 3 Corrected IEMA Low Band, Added IDOT Low Band, Added IPSAN)	2011/10/30
	Section 3.2.2 – Now we call Mobile Command Units (MCU) Mobile Command Centers (MCU)	2013/05/01
	Section 4.3.3.1 – Added language about the Statewide Interop channels not being broadcast in Digital	2012/1/5
010	Section 4.4.2.1 Added "STARCOM21 talkgroup IESMA found in Zone AA Mode 1 is the designated all-agency hailing channel. Most Type 3 interoperable communication (between state agencies) takes place on STARCOM21."	2011/10/30
	Table 3 – Added IDOT VHF Low, Mutual Aid Repeaters, and IPSAN	2013/05/1
001	Table 4 "State Inter-Systems Shared Channels" Added AMB TACT1-4, Added TW Maint – N, and TW Maint –S. Remove LF-2 Low Band, Remove all references to the AA STARCOM21 Interop Template	2013/05/01
011	Section 4.4.2. Added "Due to its significance we are repeating one of the bullet points from Section 3.1.3 here in its entirety "Because of the potentially detrimental impact on STARCOM21 system performance when STARCOM21 users throughout the state monitor talkgroups in use; only users actively participating in the incident or authorized by a COML or COMC should monitor or transmit on a given talkgroup."	2011/10/30

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Change No.	Description	Change Date
013	Section 4.4.3 – Added "Agencies that may need to work across a state border for mutual aid, should consider setting up a separate zone in the radio (if possible) with the NIP Channel names as opposed to relying on the Illinois name. (Police Example - Illinois = ISPERN; Wisconsin = WISPERN; National = VLAW31 // Fire Example - Illinois/Wisconsin/Indiana = MABAS BLUE; National = VFIRE23) NOTE: The CURRENT Illinois Statewide Interoperable Template does not match the current NPSTC channel naming plan especially as it relates to 700 MHz band. This is corrected in the NEW (2011) template which will be added to existing radios during Nextel-funded "Second Touch".	2011/10/30
014	Section 4.4.3.1 Added "NOTE: The table below is consistent with NPSTC/ANSI Standard dated 2010 except that we have included the older 700 MHz channels and the pre-rebanding 800 MHz that are in the current template for completeness.	2011/10/30
015	Table 5 – Added Low Band NIP Direct Channels, Removed VTAC17 and VTAC17D – They cannot be used in Illinois. Remove Pre Rebanding channels.	2013/05/01
016	Section 4.5 – Added "No gateway can be activated onto the STARCOM21 radio platform without the prior approval of the STARCOM21 Oversight Committee. This approval is granted after application to the oversight committee for the future use of the gateway in anticipation of using the gateway for incidents and events. The application is not done during incidents or events."	2011/10/30
017	Table 6 Added IDOT Console Patches and removed the Tollway Motobridge to NEXTEL. Added new gateways	2013/05/01
018	Section 4.5.1.1 – Added new Gateway Policies and procedures.	2011/10/30
019	Table 7 – Revised ISP Cache locations, Removed the ISP MACCS VHF and UHF Caches; Removes IEMA Cache Radios that cannot be narrow banded, Added IPWMAN Caches, Added MABAS Caches	2013/05/01
020	Table 8 Removed the ISP MACCS Repeater Channel	2011/10/30
021	Table 10 Added the IDOT MEOCs & MICC, IEMA Field Command 1 & 2, and IEMA SOW. Corrected Type on OSFM-DA-30. Call all MCUs - MCUs. Removed CMS Assets, Added IEMA Field Command 1 and 2, ILEAS Assets, ING assets. IEMA Sat Van is now a trailer,	2013/05/01
022	Section 4.7.1.1 – Added new Policies and Procedures.	2011/10/30
022.5	Section 4.8 – NEW Section 4.8 Mutual Aid Repeaters for Interoperability: Fixed, Transportable, or Portable	2013/05/01
022.7	Section 4.9 NEW Generators	2013/05/01
022.7	Section 4.10 – reordered, included new items	2013/05/01
023	Section 4.10.12 – Added new Amateur Radio Section	2011/10/30
024	Section 5.2.2 - Added an example to a possible Structure of Comms personnel. Also added the Aux Comm	2013/05/01
025	Appendix A – Numerous Changes in Contract Phone Numbers	2011/10/30
026	Appendix B - Corrected IEMA< Low Band, Added IDOT Low Band, Added IPSAN); Added new mutual Aid Repeaters. Table B3 – New Matrix to help organize State agencies and band capability	2013/05/01

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Change No.	Description	Change Date
027	Appendix C – Added the Low Band NIP Direct Channels, Corrected the IEMA Frequency Corrected the Point to Point Frequency, Added the New IREACH DPL, Updated the VHF NIP Table, Removed VTAC17 and VTAC 17D, Corrected the frequencies n the State UHF MED channels, Posted the BA-BZ STARCOM21 Interop, Added the Tollway Interop Talkgroups, The VHF and UHF channels are now all Narrowband; Remove all the 700-800 MHz pre rebanding channels; Corrected the frequencies: 7TAC55, FTAC1, FTAC1D, FTAC2 & 8TAC94	2013/05/01
028	Appendix D – Added the IDOT Gateways; Removed the Tollway NEXTEL Motobridge; Add IEMA ICRI; Added new Data sheets with more specific information. Add MABAS Link and Moto-Bridge, Consolidated ISP and IDOT Consoles Gateways	2013/05/01
029	Appendix E – Corrected the ISP Cache; Removed the ISP MACCS Cache; Added new Data sheets with more specific information.	2013/05/01
030	Appendix F – Added the IDOC MCU, IDOT MEOCs and MICC; The IEMA Field Command 1&2; and the IEMA SOW; Added new Data sheets with more specific information.	2013/05/01
	Appendix G – NEW Section Appendix G Mutual Aid Repeaters for Interoperability: Fixed, Transportable or Portable	2013/05/01
	Appendix H New Section Auxiliary Equipment	2013/05/01
031	Appendix I – New section included for Amateur Radio	2011/10/30
	Appendix K – Added new Policy and Procedures	2013/05/01
	Appendix M - Added new reference Material	2013/05/01
032	Appendix N – Corrected ICC and added ICCP to Acronym List	2013/05/01
033	Added Harris Unity Multi-band Radios to Chapter 4 and Appendix	2014/04/22
034	Chapter 4 Added FED LE Channels	2016/12/07
035	Chapter 4 Added FED LE Channels	2016/12/07
036	Chapter 4 Remove 7MOB59DA, 7AMOB59D, 7MOB79DA, and 7AMOB79D	2016/12/07
037	Chapter 4 Added Illinois High Frequency (HF) Single Sideband (SSB), Automatic Link Establishment (ALE) Radio Network	2016/12/07
038	Chapter 4 added Air to Ground 700MHz Channels (STARCOM21 Zone BJ)	2016/12/07
035	Chapter 4 Added ILEAS ICRI, and ILEAS Special Team ICRI devices (19)	2016/12/07
039	Chapter 4 Added IESMA EMAT Support Trailers 3 & 4	2016/12/07
040	Chapter 4 Added ILEAS Technology Support Trailer as well as 2 Command And Control Trailers	2016/12/07
041	Chapter 4 Added ILEAS Caches	2016/12/07
042	Chapter 4 Corrected MABAS Caches and locations	2016/12/07
043	Chapter 4 Removed IEMA XTS 300 VHF Cache	2016/12/07
044	Chapter 4 Added mutual aid repeaters for Charleston, Tollway, Grundy, Rock Island and Tazewell	
045	Chapter 4 Added section – Emerging Technologies	2016/12/07
046	Chapter 4 Expanded Non-Public Safety radio descriptions – SHARES	2016/12/07
047	Chapter 4 Corrected generator count and location	2016/12/07
048	Appendix A – Numerous Changes in Contact Phone Numbers	2016/12/07

Change No.	Description	Change Date
049	Appendix B – Illinois High Frequency (HF) Single Sideband (SSB), Automatic Link Establishment (ALE) Radio Network	2016/12/07
050	Appendix C – Removed IDOT, LB VHF High and UHF systems, Added ALE Channels. Added new PL Code for use with the VTAC Repeaters	2016/12/07
051	Appendix D – Fixed contact info.	2016/12/07
052	Appendix E – Straightened out ILEAS and MABAS Caches, Removed IEMS XTS300 Cache,	2016/12/07
053	Appendix F – Added IESMA EMAT Support Trailers 3 & 4 Chapter 4 Added ILEAS Technology Support Trailer as well as 2 Command and Control Trailers	2016/12/07
054	Appendix G – Added mutual aid repeaters for Charleston, Tollway, Grundy, Rock Island and Tazewell s	2016/12/07
055	Appendix H – Switch sections H & I to better reflect what is written in the text in chapter 4	2016/12/07
056	Appendix I – Switch sections H & I to better reflect what is written in the text in chapter 4	2016/12/07
057	Appendix J – Updated and Added new contact information	2016/12/07
058	Appendix K – Nothing Updated	2016/12/07
059	Appendix L – Nothing Updated	2016/12/07
060	Appendix N – Nothing Updated	2016/12/07
061	Appendix M – Nothing Updated	2016/12/07

This Tactical Interoperable Communications Plan (TICP) is subject to information and/or equipment updates and changes. The use of this Record of Change helps manage TICP modifications throughout the life of this document. All attempts have been made to ensure the accuracy of the information within this TICP as of the initial distribution date. Any subsequent adjustments should be logged and coordinated with user agencies within this State.

Preface

Illinois recognizes the need for immediate interagency communications, interoperability, and cooperation. Effective prevention, protection, response and recovery to incidents, whether natural or man-made, mandate instant interoperability and cooperation from local to State to federal response agencies. Effective communication requires coordination, collaboration, and a method of resolving conflicts.

This document establishes a Tactical Interoperable Communications Plan (TICP) for the State Agencies of Illinois, inclusive of Illinois Homeland Security Statewide Regions and closely aligned Non-Governmental Organizations (NGOs). The TICP is intended to document the interoperable communication resources available to Illinois State entities, who controls each resource, and what rules of use or operational procedures exist for the activation and deactivation of each resource. Many of the assets identified in this plan are also available to county and local agencies. The use of those assets will be covered in their tactical plans.

The development of this TICP was a cooperative effort by a working group comprised of representatives from each of the State Agencies participating in the Plan. The make-up of the workgroup ensured that the interests and needs of each participating agency were addressed during development of the plan.

See Appendix A for a list of agency representatives assisting in preparation of the TICP.

This TICP is designated as For Official Use Only (FOUO) and should be handled as sensitive information that is not to be disclosed. This document may be considered to be exempt from the provisions of the Illinois Freedom of Information Act under the exemptions detailed in 5 ILCS 140/7(1)(v). Reproduction of this document, in whole or in part, without prior approval from IEMA is prohibited.

Executive Overview

This document establishes a statewide Tactical Interoperable Communications Plan (TICP) for the State of Illinois and participating NGOs identified herein. This TICP has been developed under the authority of the Statewide Interoperable Executive Committee (SIEC). The SIEC gets its authority from 20 ILCS 2615, "Public Safety Radio Interoperability Act".

Illinois completed a Statewide Communications Interoperability Plan (SCIP) in 2007. The SCIP, as a strategic interoperable plan, was adopted by the SIEC, several state agencies, associations and the Illinois Terrorism Task Force as the official voice radio interoperable communications plan for the State. Every County in Illinois has been given the option to create its own TICP based on the State TCIP. This TICP is the foundation realizing that goal, and provides a framework for development of the county tactical plans as interoperable communications progresses from a local issue to a state "Type 3" incident or event. The policies and procedures set forth in this plan leverage and build upon existing interoperability standards adopted by the SIEC and standard operating procedures existing within participating agencies. The Plan is intended for use by State entities during day-to-day and emergency response situations. It documents the interoperable communication resources available within the State of Illinois, who controls each resource, and what rules of use or operational procedures exist for the activation and deactivation of each resource.

Definition of Critical Terms

A number of terms used in this document have very specific definitions for the purposes of the Plan. These terms are shown below with a short definition for each. Each term is further defined in the section of the Plan that covers that particular element. These terms are presented to provide a single list of key terms.

Platform – the infrastructure network that supports a number of radio systems – in Illinois, the STARCOM21 platform supports user agency and organization STARCOM21-based radio systems

System - a set of radio hardware "owned" by a particular agency or organization and used on a particular radio band – examples: IEMA VHF - Low Band system, ISP VHF system, IDOC 800 system, IDOT STARCOM21 system

Shared system – (a.k.a. Interoperable Systems) a radio system that provides interoperable channels/talkgroups so that the system's users can directly communicate with users on other systems

Non-shared system – (a.k.a. non-Interoperable Systems) a radio system that restricts all of its users to communicating only with users on the same system (not interoperable with any other system)

Intra-system – used to describe channels/talkgroups on a particular radio system that allows any user of that system to communicate directly with any other user of the same radio system

Inter-system – used to describe channels/talkgroups on a particular radio system that allows any user of that system to communicate directly with users of other radio systems

Note:

1. A channel/talkgroup will **NEVER** be classed as both intra-system and inter-system on a given radio system

2. This Plan does not include Non-shared systems as they are NOT interoperable

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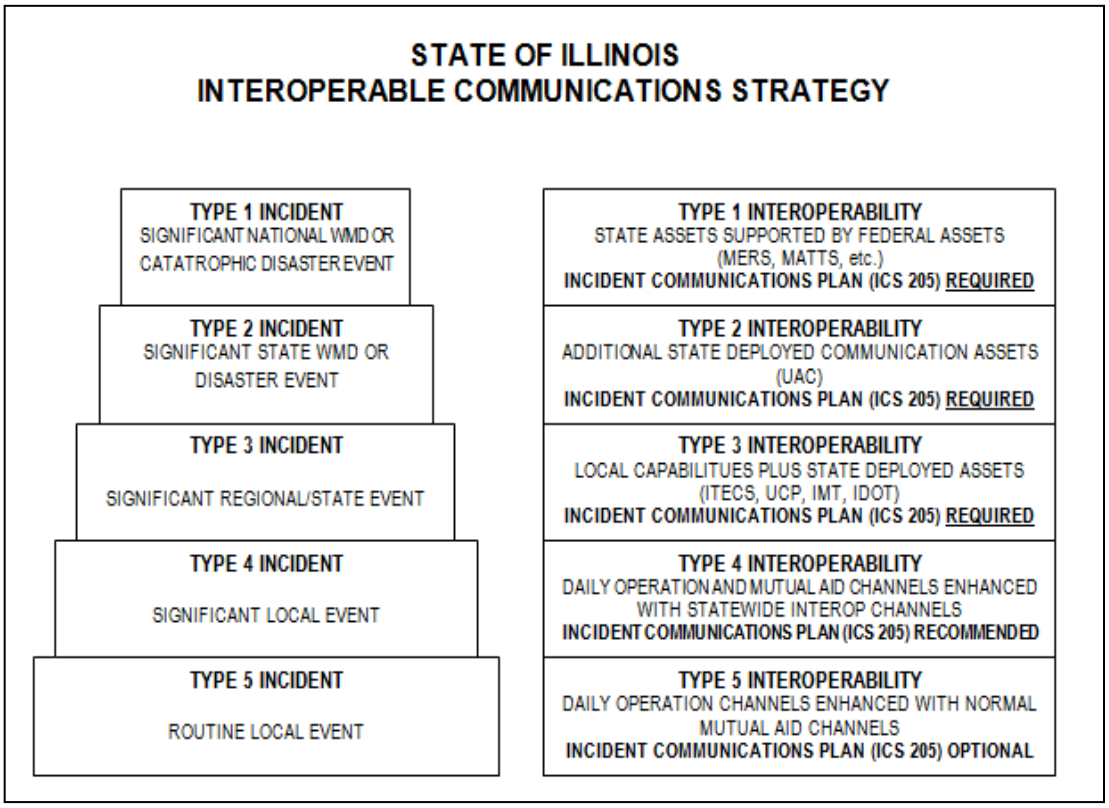
1 State of Illinois Information

1.1 Participating Jurisdictions/Agencies/Disciplines

This statewide Tactical Interoperable Communications Plan (TICP) has been created for the State of Illinois. The plan is intended for use by state agencies for daily operability and interoperability with other units of government. The plan may be used by governmental or non-governmental organizations requiring communications or coordination during an incident or planned event and must be used by all state agency participants at every Type 3, 2 or 1 incident or event (see Incident / Interoperability graphic below). Starting in 2004 the Illinois Terrorism Task Force made STARCOM21 equipment available to interested public safety agencies across the state which will be used when disasters reach Type 3.



The jurisdictions, agencies, and disciplines represented in the TICP are listed in Table 1 (next page). Additional contact information for each agency is listed in Appendix A (Points of Contact).

Table 1 Jurisdiction, Agencies, and Disciplines Represented in the TICP

Jurisdiction	Agency	Discipline
Statewide	IAG - Illinois Attorney General	Law Enforcement
Statewide	ICMS - Illinois Central Management Services	State Government
Statewide	ICCP - Illinois Commerce Commission Police	Law Enforcement
Statewide	IEPA - Illinois Environmental Protection Agency	Environmental
Statewide	IDHS - Illinois Department of Human Services	Health and Welfare
Statewide	IDOC - Illinois Department of Corrections	Corrections
Statewide	IDOR - Illinois Department of Revenue	Law Enforcement
Statewide	IDOT - Illinois Department of Transportation	Transportation
Statewide	IDNR - Illinois Department of Natural Resources Office of Law Enforcement	Law Enforcement
Statewide	IDNR - Illinois Department of Natural Resources Office of Land Management	Government Service – Parks & Recreation
Statewide	IDPH - Illinois Department of Public Health	Public Health, Hospitals, Emergency Medical Services
Statewide	IEMA - Illinois Emergency Management Agency	Emergency Management
Statewide	IGB - Illinois Gaming Board	Law Enforcement and Regulatory
Statewide	ING - Illinois National Guard	Military Affairs
Statewide	IOEIG - Illinois Office of The Executive Inspector General	State Government
Statewide	ISP - Illinois State Police	Law Enforcement
Statewide	ISSP - Illinois Secretary of State Police	Law Enforcement
Capitol Complex	ISSP - Illinois Secretary of State Police Capitol Police Investigation	Law Enforcement
Toll Highways in Illinois	ISTHA - Illinois State Toll Highway Authority (Tollway)	Highway Maintenance and Law Enforcement
Statewide	OSFM - Office of the State Fire Marshal	Fire and Law Enforcement

1.2 NGOs Represented in the TICP

- American Red Cross (ARC)
- Illinois Emergency Services Management Association (IESMA)
- Illinois Law Enforcement Alarm System (ILEAS)
- Illinois Medical Emergency Response Team (IMERT)

- Illinois Public Health Mutual Aid System (IPHMAS)
- Illinois Public Works Mutual Aid Network (IPWMAN)
- Illinois Telecommunicator Emergency Response Taskforce (IL-TERT)
- Mutual Aid Box Alarm System (MABAS)

1.3 Private Agencies Represented in the TICP

- Ameren

1.4 Illinois Law Enforcement Tribal Entities Represented in the TICP

- There are no recognized Tribal Nations within Illinois

1.5 Other TICP(s) in the State

- As of the end of 2016 all 102 Illinois counties have a completed TICP

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1.6 TICP Point of Contact

The primary and alternate points of contact (POC) questions regarding this Plan are:

Primary:

Agency Name:	Illinois Emergency Management Agency
POC Name:	Walt Lewis
Title:	Statewide Communications Manager
Address:	4800 Rodger Street, Springfield, Illinois 62703
Cell Phone:	217.622.8925
24/7 Phone:	217.782.7860
E-Mail:	Walt.Lewis@illinois.gov

Alternate:

Agency Name:	ITTF/IEMA
POC Name:	Joe Galvin
Title:	Statewide Interoperability Coordinator (SWIC)
Address:	4800 Rodger Street, Springfield, Illinois 62703
Phone:	847.214.5252
E-Mail:	joe.galvin@illinois.gov

2 Governance

2.1 Overview

The Illinois TICP addresses interoperable communications equipment and planning for State-level government. Though each agency, discipline, and jurisdiction participating in this plan is unique regarding its own interoperable communication needs and capabilities, the fact is that they are all State level entities and may at times share incident/event responsibilities that allow them to develop a single, consolidated TICP rather than several individual, potentially incompatible plans.

The TICP therefore consolidates information across agencies, disciplines, and jurisdictions by documenting State agency communications capabilities in order to provide a usable and accurate tactical incident response tool.

The TICP was developed under the authority of the Statewide Interoperable Executive Committee (SIEC).The SIEC was established by statute in 2006 and is recognized as the governance body for all interoperable communications in the State of Illinois. On March 19, 2009, the SIEC appointed members to the SIEC Statewide TICP Working Group. The kick-off meeting of this Working Group was held March 23, 2009, and several Metropolitan Statistical Area (MSA) representatives joined state agency representatives from the following public safety and public service disciplines.

The following disciplines/organizations/functions have been considered in the development of this TICP:

- Communications
- Critical Infrastructure/Utilities
- Emergency Management
- Transportation
- Emergency Medical Services
- Fire/Rescue
- Information Technology (IT)
- Investigations and Intelligence
- Law Enforcement
- Nongovernmental Organizations (NGOs)
- Public Health
- Public Works
- Hospitals
- Corrections

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2.2 Governing Body: Illinois' State Interoperability Executive Committee (SIEC)

Voting Members

- Illinois State Police – Chair
- Illinois Emergency Management Agency – Vice Chair
- Illinois Fire Chiefs Association
- Illinois Association of Chiefs of Police
- Illinois Sheriffs Association
- Illinois Association of Fire Protection Districts
- Illinois Office of the State Fire Marshal
- Illinois Secretary of State Police
- Illinois Department of Public Health
- Illinois Law Enforcement Alarm System
- Illinois Terrorism Task Force
- Emergency Medical Services
- Mutual Aid Box Alarm System
- St. Louis Metro UASI
- Cook County / Chicago Area UASI
- Cook County Sheriff
- Chicago OEMC
- Illinois Emergency Services Management Association
- Region 54
- Region 13

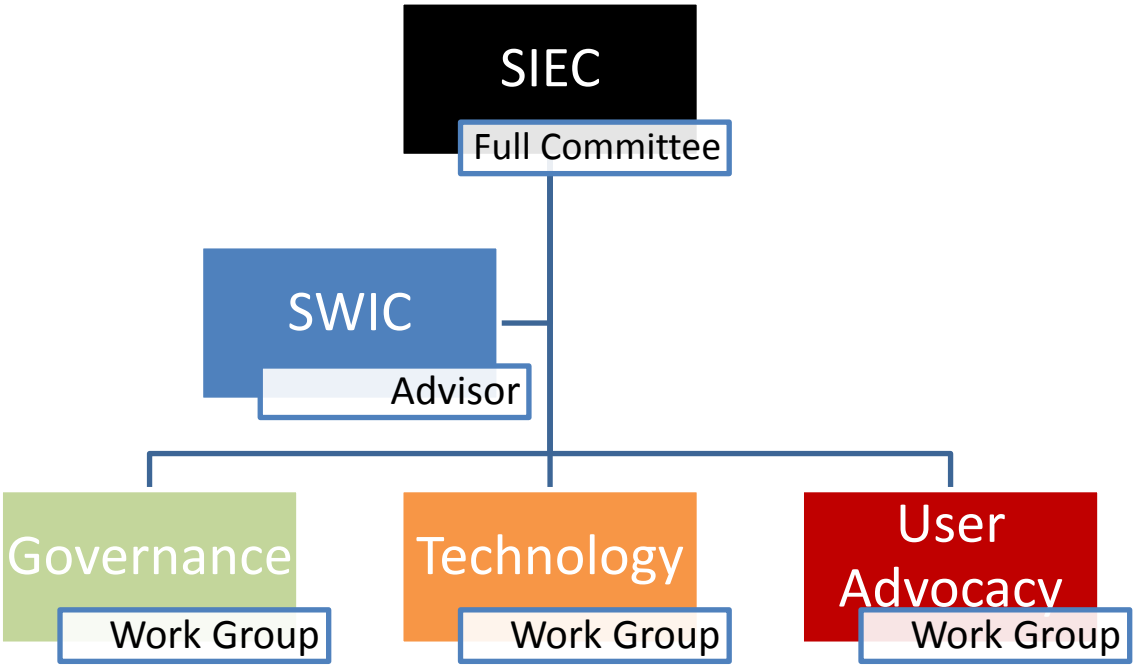
Non-Voting Advisory Committee

- IREACH Chair
- ITTF Communications Committee Chair
- ISPERN Chair
- MERCI representative
- American Red Cross
- Private Sector Representative
- APCO – Illinois President
- NENA – Illinois President

Non-Voting Standing Working Groups

- Governance
- Standard Operating Procedures
- Technology
- Training & Exercises
- Usage

2.3 Illinois Governance Organization Chart



Appendix A (Points of Contact) provides POC information for members of the governing body, its subcommittees and Working Groups.

2.4 Membership

Appendix A provides POC information for members of the governing body.

2.5 Responsibilities of the SIEC regarding the TICP

The SIEC will:

- Promote interoperable communications in collaboration with the ITTF Communications Committee and the Statewide Interoperability Coordinator.
- Maintain, review and update the TICP in collaboration with the SWIC as set out in Section 2.6. Disseminate updated plans to all participating agencies.
- Establish training requirements in support of the TICP.
- Re-evaluate State agency requirements as technology evolves and circumstances dictate.
- Review issues presented by the SWIC regarding conflicts or non-compliance with current standards or initiatives related to SOPs created by the included agencies.

The SIEC in collaboration with the ITTF Communications Committee will:

- Promote the training of all radio users and communications personnel.
- Initiate Memoranda of Understanding (MOUs) and Agreements for interoperable communications.
- Promote regular interoperable equipment/solutions testing, assist agencies with test evaluations, and disseminate the results.
- Coordinate acquisition, upgrades and sustainment of interoperable communications equipment.

2.6 SIEC Meeting Schedule

The SIEC meets regularly on the 3rd Thursday of each month or as published by the secretary of the Committee.

2.7 TICP Maintenance and Update

The SIEC has the responsibility to review this document at a meeting called annually by the TICP POC. The SIEC will poll participating agencies and obtain updated agency TICP information by December 31 of each year. It will incorporate current information into a revised TICP by March 31 of each year or as critical update information is identified.

Updates to this document can be recommended by any of the participating agencies as incidents or events occur, in which changes are recognized as needed, to achieve greater interoperability. Requests for modifications or additions should be submitted to the TICP POC for distribution to the SIEC.

Agencies participating in this plan will be formally notified annually of any changes and also within 60 days of any approved modifications to this TICP, due to off cycle changes approved by the SIEC.

2.8 Agency Responsibilities and Rights

Agencies will retain the following rights and responsibilities:

- Agencies are responsible for considering (in coordination with their respective legal mandates) and, if agreed to, complying with recommendations, MOUs and Agreements developed by the SIEC.
- Authorized representatives of agencies participating in this plan have the authority to request the use of equipment identified within this TICP, including systems and mobile assets, in accordance with Standard Operating Procedures (SOPs) governing use of the asset.
- Agencies reserve the right to recall their interoperable communications assets at any time.
- Agencies have the responsibility to provide timely notification to the TICP POC of any changes, additions to or decommissioning of their interoperability equipment, policies, procedures or points of contact.
- Where applicable, agencies will be responsible for consistently maintaining, testing, and exercising connectivity to interoperable communications.
- Agencies retain the right to decide when and where to participate in interoperable communications.
- Agencies have the responsibility to develop and keep current, internal standard operating communication procedures and retain the authority to adopt policies and procedures and to manage their internal day-to-day and tactical communications including dispatch.

2.9 Prioritization and Shared Use of State Interoperability Assets

In response to events or incidents which cross over agency responsibilities, there will potentially be competing demands and priorities for interoperable communications assets.

The lead agency designee, in cooperation with assisting agencies, will have the authority to designate the use of interoperable assets. Once Incident Command has been established the Incident Commander, Logistic Section Chief, or Communication Unit

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Leader (COML), will direct the further coordination and delegation of the interoperable communications assets assigned to the event or incident.

Agencies should judiciously activate needed interoperable assets so as to both effectively respond to the event or incident and also minimize any negative communications impact on surrounding agencies or jurisdictions. Specifically, interoperable communications should be implemented with the following order of deployment in mind (subject to the involved agencies' discipline/responsibilities and the nature of the event or incident):

1. Leverage face-to-face communications wherever appropriate. For example, co-location of all Command and General Staff at the Incident Command Post (ICP) provides the best direct communications and reduces the demand on interoperability resources.
2. Employ local communications assets until such time as either those assets become taxed or inadequate, based on the nature and/or scope of the incident.
3. Since state agencies are users of a shared platform (STARCOM21), utilize that platform to establish interoperable communications on common talkgroups.
4. If response agencies operate on disparate systems, utilize shared or mutual aid channels to establish interoperable communications.
5. If response agencies do not share systems or channels, utilize a gateway solution to establish interoperable communications.
6. Where interoperable communications cannot otherwise be established among response agencies, utilize swap or cache radios to establish communications for responders.
7. Other non-public safety common carrier communications media.
8. If no other method of interoperability can be established, relay communications through staff members (runners).

When the same resources are requested for two or more incidents, resource assignments should be based on the priority levels listed below:

1. Disasters, large scale incidents, or extreme emergencies requiring mutual aid or interagency communications.
2. Incidents requiring the response of multiple agencies.
3. Pre-planned events requiring mutual aid or interagency communications.
4. Incidents involving a single agency where supplemental communications are needed for agency use.
5. Drills, tests and exercises.

In the event of multiple simultaneous incidents within the same priority level, the resources should be allocated with the following priorities in mind:

1. Incidents with the greatest level of exigency (e.g., greater threat to life or property, more immediate need, etc.) have priority over less exigent incidents.
2. Agencies with single/limited interoperable options have priority use of those options over agencies with multiple interoperable options.
3. When at all possible, agencies already using an interoperable asset during an event should not be redirected to another resource.

Reference to applicable policy documents, governing documents, MOUs, and sharing agreements can be found in Appendix H.

3 Policies and Procedures for Interoperable Equipment

3.1 General Communications Assets Rules of Use

3.1.1 NIMS/ICS/Plain Language/Unit Identification

- National Incident Management System – Use of an Incident Command System compliant with the National Incident Management System is recommended for use of any regional interoperability resource, i.e. implementing a Communications Unit Leader position.
- It is the responsibility of the Incident Commander/designee to establish the tactical callsigns to be used for the incident. It is the responsibility of all users to refer to facilities and staff by the proper tactical callsigns.
- Plain language – All communications shall be in plain language. Radio codes, acronyms and abbreviations are to be avoided as they may cause confusion among agencies. The reason for a request for assistance or backup should be clearly stated.
- Unit Identification – Agency name followed by identifier or resource type (i.e., IEMA 12, Fire Marshal David Adam 1, Secretary of State Police – Car 3 John 40, etc.).

3.1.2 Calling another Unit

A user should call another user using the – "called unit **from** calling unit" format (also known as the "hey you –it's me" format) using unit identifiers as shown in 3.1.1 (above) as in:

"Illinois State Police Car 2-5 **from** IEMA 3"

Followed by:

"IEMA 3 **from** Illinois State Police Car 2-5, go ahead"

3.1.3 Emergency Radio Traffic

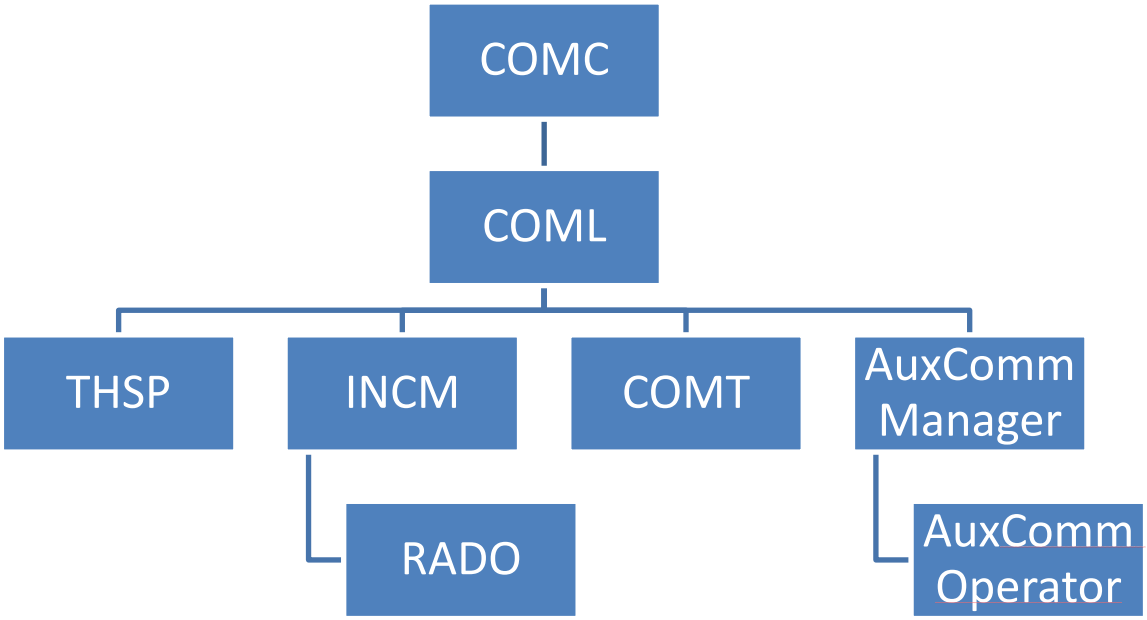
Say "Command, (the 'to') EMERGENCY RADIO TRAFFIC from XXXX (the 'from'), on EMA main", (the 'channel' or 'talkgroup on which you are communicating).

The person receiving the Emergency Radio Traffic shall say "All units stand by, unit with the emergency radio traffic go ahead". This shall clear all radio traffic until the emergency is handled.

Once the emergency is handled, the person receiving the Emergency Radio Traffic would then say: "Attention all units, you can resume normal radio traffic".

3.1.4 Communication Unit

As a matter of procedure for incidents large and small the Communications Unit should always be established. For smaller incidents all the tasks may be completed by a single individual. But for state declared incidents and larger, an official comms structure should be created.



- Communications Coordinator (COMC) –The COMC coordinates communications between and among dispatch centers and incident communication units within one or more affected areas. The COMC reviews incident communication plans to assure that communications channels/talkgroups are allocated and used

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effectively. Locally, the jurisdictional dispatch center supervisor or dispatcher will act as the COMC when necessary. Communications Coordinators may be located at the county, area, and state levels. While not structurally in the Communication Unit, the COMC is the liaison among multiple COMLs, dispatch centers, and other agencies for allocating critical/scarce resources and deconflicting communications plans. The State COMC will be responsible for the final assignment of Statewide Interoperable SC21 talkgroups other than those assigned to Zone BB. (See full STARCOM21 Interoperability Template on Page C-26. "Zone BB" refers to a particular zone in a given radio. All Starercom231 Radios are to have this set of Interoperability Talkgroups).

- Communications Unit Leader (COML) – Manages the technical and operational aspects of the Communications function during an incident or event. Develops Incident Command System (ICS) Form 205 Incident Radio Communications Plan and supervises the Communication Unit.
- Technical Specialist (THSP) – Allows for the incorporation of personnel who may not be formally certified in any specific NIMS/ICS position. THSPs may include Local Agency Radio Technicians (as opposed to the COMT), Telephone Specialists, Gateway Specialists, Data/IT Specialists, and/or Cache Radio Specialists.
- Communications Technician (COMT) – Deploys in advance of equipment and keeps it operational throughout the incident/event.
- Incident Communications Center Manager (INCM) –Supervises the operational aspects of the Incident Communications Center (ICC). During an incident, the ICC is established to handle incident-related communications in order to separate that traffic from the day-to-day activities of the dispatch center. The ICC is typically located near the Incident Command Post (ICP) in a fixed site or Mobile Communications Unit.
- Radio Operator (RADO) –Performs telecommunicator duties at the ICC and is responsible for documenting incoming radio and telephone messages. RADOs may also function as message runners when necessary. Incident Dispatchers, Tactical Dispatchers, or TERT team members are used as RADOs.
- Auxiliary Emergency Communications (also known as AEC or AUXCOMM) provides supplementary and backup communications utilizing the services of volunteer communicators. AEC operates as part of the Communications Unit. AEC draws its resources from volunteer communications groups, including licensed Amateur Radio operators within the state, and has the capability to provide both intrastate and interstate AEC mutual aid

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3.1.5 General Rules of Use of Communications Equipment

- Communications equipment shall only be used for official business or emergency communications.
- Any use of any interoperable channel or equipment shall be consistent with Federal Communications Commission (FCC) or National Telecommunications and Information Administration (NTIA) Rules.
- Use of interoperable channels during a Type 3, 2, or 1 incident shall be authorized by the COML of the incident.
- Users will make every effort to verify that the interoperability channel is clear before beginning transmission to avoid covering up or interrupting the communications of another user.
- Rules and Guidelines of existing interoperable channels or talkgroups (i.e., ISPERN, IREACH, IFERN, STARCOM21, etc.) will be followed when using those channels or talkgroups.
- Because of the potentially detrimental impact on STARCOM21 system performance when STARCOM21 users throughout the state monitor talkgroups in use; only users actively participating in the incident or authorized by a COML or COMC should monitor or transmit on a given talkgroup.
- Scanning across multiple channels is generally not advised when using communications. The possibility of missing portions of critical messages is very real and can easily be avoided be keeping all radios on a single channel. A given user may have to carry 2 radios, but all usage is driven by the Incident Communications Plan (ICS 205).
- At no time will transmission of any form of digital signal be allowed on any state or national analog interoperability channel.
- ALL voice radio communications are to be brief and concise.
- No obscene, indecent or profane language shall be used on any channel.
- No use of first names, slang or Citizens Band (CB) type handles shall be used on any interoperable channels. Investigative/undercover units actively involved in an operation or Special Response Teams only as absolutely necessary may be the exceptions to this rule. The COML shall coordinate approval and use for such operations with the respective teams.
- All users are reminded that interoperable channels patched to the STARCOM21 platform cover a wide area and may be heard statewide.
- Units overhearing unauthorized use are encouraged to bring such use to the attention of the violator immediately and if the aberrant behavior persists bring the concern to the attention of the local COML, Incident Commander, SWIC, STARCOM21 Oversight Committee TICP governance body at the earliest opportunity.
- When a communications asset is made available, additional procedures related to the specific asset may apply. The user will refer to the relevant section of this plan for those additional procedures. If an asset is not listed in this plan,

permission to use the asset must be sought and received from the COML, COMC, or SWIC prior to placing the asset in service.

- Encryption shall not be used at any time on any State interoperable channel, including ISPERN, IREACH, IFERN, and MERCI. During Type 3, and above operations, encryption shall **NEVER** be used in the theatre of operation on interoperable channels/talk groups.
- Designated channels / talkgroups may be assigned for specific mission assignments by discipline for encrypted communications
- Air to Ground Communications - During a Type 3, 2, or 1 incident, ground to air and air to ground communications on Public Safety channels shall be coordinated with the COMC/COML. Airborne use of interoperable channels shall receive prior authorization from COMC/COML. (Any use of interoperable channels by airborne units must be mindful of the longer range of communications while airborne)**.**

3.1.6 Interoperable Communications "Watch Out" Situations

- Inadequate or no communication with crew members or supervisor.
- Users unfamiliar with radio system(s) or assigned radio functionality.
- Organizations in the system do not use the same vocabulary.
- Multiple conversations on the same talkgroup or channel.
- Unable to communicate critical information due to radio congestion.
- High level of background noise (i.e. wind, generators, and power tools).
- Working in the deep interior of a building, parking garage, or underground.
- A single Communications Unit Leader has not been designated.
- Instructions and assignments for Comm Unit are not clear.
- Inadequate number of tactical channels available or assigned.
- Incident is using radio frequencies in more than one radio band.
- Multiple agencies performing radio programming at the incident.
- Improper naming of interoperable channels in agency radios.
- Different radio bands being used via console or gateway patches. Gateways must be monitored for problems such as "stuck keys", intermodulation, etc.
- Multiple mobile gateways available at the incident.
- Mobile gateway devices being used in a strategic (wide-area) rather than tactical (local) environment.

  Dispatch to dispatch channel patching.

3.2 Problem ID and Resolution

3.2.1 During an Incident

During activation, report communication asset problems to the Communications Technician (COMT) or COML/designee assigned to the incident/event who will follow established agency procedures to resolve the problem.

3.2.2 Following an Incident

- Report any problems with the equipment to the appropriate POC for the owning agency listed for Shared Systems, Channels, Caches, Gateways, or Mobile Communications Units. The agency POC will be responsible for ensuring effective resolution to problems that exist with the communications asset.
- Report any unresolved problems directly to the State POC. The State POC will ensure effective resolution to the reported problems.

4 Interoperability Platform, Systems, Equipment, Policies, and Procedures

4.1 Statewide Interoperable Communications Platform Defined

STARCOM21 serves as the foundation of Illinois interoperable communications. Illinois uses the STARCOM21 statewide platform for day-to-day state agency interoperability and statewide interoperability for Type 3 and above incidents and events.

STARCOM21 as a shared platform provides for a 'system of systems' with many independent but connected agencies and users. The STARCOM21 P25 network is a Motorola owned, operated, and maintained 700/800 MHz trunked voice radio platform consisting of over 200 linked sites that provides radio communications, services, and interoperability to federal, state, county, and local public entities participating on the platform. STARCOM21 provides mobile radio coverage in more than 95 percent of the geographic area of Illinois with a grade-of-service level of five percent or greater.

NOTE: Use of STARCOM21 Zone BA Statewide talkgroups requires coordination through the state COMC. Contact IEMA Comms Manager or COMC at ema.scip@illinois.gov or contact IEMA at 217.782.7860. However coordination on discipline specific talkgroups can be used in conjunction with rules already established by the mutual aid group it represents.

4.2 "System" Defined

As defined in 'Critical Terms' in the beginning of the TICP: a set of radio hardware "owned" by a particular agency or organization and used on a particular radio band.

Any agency that owns any radio equipment will have a 'system' defined for it on the radio band that the equipment uses.

4.2.1 Interoperable Systems

An "Interoperable System" (defined in critical terms as a "Shared System") refers to a single user agency, radio band, radio system (i.e., IEMA VHF, IEMA LB, IEMA STARCOM21, ISP STARCOM21, OSFM STARCOM21, IDOT STARCOM21, etc.) used to provide service to one or more public safety or public service agencies. An "Interoperable System" by definition has one or more shared channels/talkgroups that allow connectivity within the system (Intra-System) and with other systems (Inter-System).

"Connectivity within a system" is the way that different agencies operating on the same system communicate with each other; this can also be referred to as "Intra-System Shared Interoperability Channel(s)."

"Connectivity with other systems" is the way that agencies operating on different systems communicate with each other; this can also be referred to as "Inter-System Shared Interoperability Channel(s)."

NOTE: Inter-system channels/talkgroups as described here are by definition also used for intra-system interoperability - BUT are only shown once in the document for clarity.

4.2.2 Non-Interoperable Systems

A "Non-Interoperable System" (defined in critical terms as a "non-Shared System") has no connectivity via interoperable channels or talkgroups with any other system. Another definition for a Non Interoperable System is a "Closed System." If a Closed System has more than one user agency, each will have its own channel/talkgroups and no channels or talkgroups in common (Intraoperable) with other agencies on that system. This document does not deal with Non-Interoperable (Closed) Systems.

4.3 Interoperable Systems

This section describes two types of interoperable systems. The first is STARCOM-based systems; these are both local and State systems that operate on STARCOM21. The second type is non-STARCOM21 based; these systems include both local and State (IEMA VHF, IEMA Low Band, IDOT UHF, etc.). The SIEC has identified 29 interoperable communication systems (23 STARCOM21 based; 6 Non STARCOM21-based) that provide service to the agencies. General interoperable communications rules of use, policies, and procedures that apply across these systems are detailed below. The table below lists all radio systems shared by public safety or public service agencies operating in the State. Details on each system are provided in Appendix B (Shared Systems).

4.3.1 Interoperable System Activation and Deactivation

Use the following procedures when requesting, using, or discontinuing the use of interoperable communication systems:

- When an individual responder needs to interoperate with other agencies on their ***SAME*** Interoperable system, the responder will notify their dispatch center. The dispatcher can then identify and designate an appropriate channel. (Note that in cases during an incident or event where no dispatcher intervention is required, responders still notify dispatch that they are switching to a shared channel to maintain responder safety).
- Notify dispatch when the interoperability channels/talkgroups are no longer required and announce the return to normal operations channels.
- For extended incidents.
    - The lead agency dispatcher notifies the Communications Coordinator (COMC)/Communications Unit Leader (COML)/designee or Incident Commander (IC) that interoperability channels/talkgroups are in use.
    - Each agency's dispatch center tells additional en-route responders what interoperability channels are in use for the incident.
    - The COMC, COML or IC determines when the interoperability channels are no longer required and notifies the appropriate dispatch center.
- A COML may activate an interoperable system during an event. Users will follow the communications plan as assigned. Upon completion of the event the COML will deactivate the interoperable systems.

4.3.2 STARCOM21 Based Interoperable Systems

As listed in the table below, agencies have their own interoperable radio systems based on the STARCOM21 platform. These systems are used for day to day operability within each agency, interoperability among agencies and statewide interoperability when necessary. The concept of an Interoperable System is based on common talkgroups among systems. For statewide interoperability all agency radios are programmed with the Statewide Interoperability Template.

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Table 2 State STARCOM21 Interoperable Systems

Radio System Name	Make / Model	Type	Frequency Band	Owning Agency	Service Area
STARCOM21	**Based**	**Systems**			
IAG	Motorola ASTRO25	Trunked	700-800MHZ	Motorola	Statewide
ICC	Motorola ASTRO25	Trunked	700-800MHZ	Motorola	Statewide
IDHS	Motorola ASTRO25	Trunked	700-800MHZ	Motorola	Statewide
IDNR	Motorola ASTRO25	Trunked	700-800MHZ	Motorola	Statewide
IDOC	Motorola ASTRO25	Trunked	700-800MHZ	Motorola	Statewide
IDOR	Motorola ASTRO25	Trunked	700-800MHZ	Motorola	Statewide
IDOT	Motorola ASTRO25	Trunked	700-800MHZ	Motorola	Statewide
IDPH	Motorola ASTRO25	Trunked	700-800MHZ	Motorola	Statewide
IEMA	Motorola ASTRO25	Trunked	700-800MHZ	Motorola	Statewide
IEPA	Motorola ASTRO25	Trunked	700-800MHZ	Motorola	Statewide
IGB	Motorola ASTRO25	Trunked	700-800MHZ	Motorola	Statewide
ILEAS	Motorola ASTRO25	Trunked	700-800MHZ	Motorola	Statewide
IMERT	Motorola ASTRO25	Trunked	700-800MHZ	Motorola	Statewide
IMT	Motorola ASTRO25	Trunked	700-800MHZ	Motorola	Statewide
ING	Motorola ASTRO25	Trunked	700-800MHZ	Motorola	Statewide
IOEIG	Motorola ASTRO25	Trunked	700-800MHZ	Motorola	Statewide
ISP	Motorola ASTRO25	Trunked	700-800MHZ	Motorola	Statewide
ISSP	Motorola ASTRO25	Trunked	700-800MHZ	Motorola	Statewide
ISTHA	Motorola ASTRO25	Trunked	700-800MHZ	Motorola	Statewide
JTTF	Motorola ASTRO25	Trunked	700-800MHZ	Motorola	Statewide
MABAS	Motorola ASTRO25	Trunked	700-800MHZ	Motorola	Statewide
OSFM	Motorola ASTRO25	Trunked	700-800MHZ	Motorola	Statewide

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4.3.2.1 STARCOM21 Based Interoperable System Policies and Procedures

Beginning with the Type 3 Interoperability description (see SCIP), agencies will be notified and dispatched on a mutual aid basis within Illinois through the STARCOM21 Radio Platform. The ITTF approved STARCOM21 as the communications standard for strategic, tactical and support communications at incidents and events. The STARCOM21 Oversight Committee is statutorily responsible for governing the manner in which the platform and agency Interoperable Systems are used.

The Illinois Statewide Interoperability Template (BA-BZ) consists of two distinct groups of talkgroups and channels. Zones BA and BB in the current template contain STARCOM21 interoperable talkgroups (shown below). Zones BC-BI contain National Interoperable Channels as defined by the National Public Safety Telecommunications Council (NPSTC), and APCO / ANSI standards.

The following is a summary list of the STARCOM21 talkgroups (template Zones BA-BB) utilized to support Illinois' interoperable communications:

- "IESMA" talkgroup – used to notify, dispatch and coordinate state and local emergency management agencies, including nongovernmental organizations. ***Note:*** This talkgroup, found in Zone BA Mode 1, is also the designated all-agency hailing channel.
- "ILEAS" talkgroup – used to notify, dispatch and coordinate state and local law enforcement agencies.
- "MABAS" talkgroup – used to notify, dispatch and coordinate state and local fire service and fire-based EMS agencies.
- "PUB HLTH" talkgroup – used to notify, dispatch and coordinate state and local public health agencies, hospitals, and IMERT
- "IPWMAN" talkgroup - used to notify, dispatch and coordinate state and local public works agencies.
- "INCDNT 1", "2", "3", "4", "5" talkgroups – used for command/control and as directed by COMC/COML for state level events.
- "NORTH A" or "B", "CENTER A" or "B", "SOUTH A" or "B" - used for interoperable communications within a given STARCOM21 geographic area as directed by COML/COMC.
- "RGN" talkgroups – May be used for interoperable communications by any users within an IEMA Region without seeking permission if not already in use for another incident or event or as directed by COML/COMC. The "B" talkgroup should be used first; the "A" talkgroup should be used only if a second talkgroup is necessary due to the nature of the incident or event. It is recommended for pre-planned events that a request is made to use other STARCOM21 talkgroups, therefore leaving the RGN Talkgroups available for emergencies

4.3.3 State NON-STARCOM21 Interoperable Systems

Some State agencies use several (as noted in Table 3 below) Non-STARCOM21 Interoperable Systems which have their own unique standalone policies, and procedures based on operational needs of the participating agencies.

As listed in the table below state agencies have shared radio system(s) that are not based on the STARCOM21 platform. These systems may be used for day to day operability within each agency, interoperability among agencies and statewide interoperability when necessary. The concept of an interoperable system is based on common channels/talkgroups among systems. These systems exist in all radio bands (VHF, UHF and 800 MHz) and may be linked via gateway to STARCOM21 talkgroups for additional inter-system interoperability.

However, there is little to no fixed infrastructure throughout the state that allows a Non-STARCOM21 interoperable system to interoperate with a STARCOM21 system. (ISP, IEMA, IDOT, Tollway, and maybe others are able to make console patches between their conventional systems and STARCOM21). The exceptions to this limitation are the VHF ISPERN to STARCOM21 ISPERN patches established regionally.

Table 3 State NON-STARCOM Interoperable Systems

Radio System Name	Make / Model	Type	Frequency Band	Owning Agency	Service Area
IEMA HF SSB ALE Band	Various	Base/Mobile	HF	IEMA	Statewide
IEMA VHF - Low Band	Various	Base/Mobile	VHF Low	IEMA	Statewide
IEMA VHF	Various	Mobile	VHF High	IEMA	Statewide
ISP VHF	Various	Base/Mobile	VHF High	ISP	Statewide
UHF Mutual Aid Repeaters	Motorola	Base	UHF	Various	Northeast Illinois
800 MHz Mutual Aid Repeaters	Motorola	Base	800	Various	Illinois, Wisconsin, Indiana, Michigan
IPSAN (ALERTS)	Motorola	Mobile Data System	800 MHz	IPSAN	Regional
IWIN	Verizon / Motorola	Mobile Data System	Cellular	Verizon / State of Illinois	Statewide

4.3.3.1 State NON-STARCOM21 Interoperable System Policies and Procedures

Despite the use of Non-STARCOM21 systems, beginning with the Type 3 Interoperability description (see SCIP), agencies will be notified and dispatched on a mutual aid basis within Illinois through the STARCOM21 Radio Platform.

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Non-STARCOM21 Interoperable Systems administrators are encouraged to include the Non-Federal National Interoperable Channels as defined by NPSTC for the band(s) that their system(s) operate on (VHF, UHF and 800 MHz) to enhance the interoperability of their system(s).

Examples of Non Federal National Non-STARCOM21 system to system interoperable channels:

- VHF Band – VCALL10, VTAC 11-14 (simplex channels)
  VTAC 33-36 (repeated channels)
- UHF Band – UCALL40, UTAC 41-43 (repeated channels)
  UCALL40D, UTAC41D-43D talk-around/direct/simplex
- 700 MHz Band – 7CALLxx, 7TACxx, 7LAWxx, 7 FIRExx, 7 MEDxx Repeated
  7CALLxxD, 7TACxxD, 7LAWxxD, 7 FIRExxD, 7 MEDxxD talk-around/direct/ simplex
- 800MHz Band - 8CALL90, 8TAC91-94 Repeated
  8CALL90D, 8TAC91D-94D talk-around/direct/ simplex

Examples of Statewide Non-STARCOM21 system to system interoperable channels:

- IREACH – Cross Discipline
- IFERN and IFERN2 – Fire
- ISPERN – Law Enforcement
- ESMARN – Emergency Management
- MERCI 160, 220, 280, 340, 400 – Emergency Medical Service

NOTE: Communications on any Statewide Interoperability channel will be done in a manner consistent with National Standards and rules of the governing body for that channel. The broadcast transmission will be analog and non-encrypted.

4.4 Local, State, and National Shared Channels

Shared Channels exist at the local, state and national levels. This Chapter first describes Intra-system Shared Channel(s), at the Local and state levels (4.4.1) and then Inter-system Shared Channels, for the local and state levels (4.4.2). Section 4.4.3 describes national level shared channels also called "Non-Federal National Interoperable Pool" (NIP).

4.4.1 Intra-System Shared Channel(s)

Definition of an Intra-System Shared Channel

Intra-system "shared channels" refer to common frequencies/talkgroups established and programmed into radios to provide interoperable communications among all users of the ***same*** interoperable system. State examples include: ISP STARCOM21 System – Car to Car talkgroup, IEMA STARCOM21 System – IEMA 1 talkgroup, ISP VHF System – HF-4 channels). As noted above and repeated here for clarity "Connectivity within a system" is the way that different agencies operating on the same system communicate with each other; this can also be referred to as "Intra-System Shared Interoperability Channel(s)."

4.4.1.1 Intra-System Shared Channel Technology Overview

General interoperable communications rules of use, policies, and procedures found in Section 3 are to be followed when using these assets. Shared systems have their own unique stand-alone policies, and procedures based on operational needs of the participating agencies.

Rules of use that apply specifically to shared channels are detailed in Section 4.4.2 below.

Specific intra-system shared interoperable communication channels available within the state are too numerous to list in a table.

4.4.1.2 State Intra-System Shared Channel Policies and Procedures

See Section 3.1.3 and individual system policy and procedures.

4.4.2 Inter-System Shared Channels

Defined as those channels/talkgroups available for use to communicate between systems (provide connectivity with other systems). As noted above in section 4.2.1 and repeated here for clarity, "Connectivity with other systems" is the way that agencies operating on different systems communicate with each other; this can also be referred to as "Inter-System Shared Interoperability Channel(s)."

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4.4.2.1 State Inter-System Shared Channel/Talkgroup Technology Overview

Specific inter-system shared interoperable communication channels/talkgroups available within the state are listed in the table below (Table 4). More detailed information on each channel/talkgroup is documented in Appendix C (Inter-system Shared Channels/'Talkgroups).

NOTE: Inter-system channels/talkgroups as described here are by definition also used for intra-system interoperability - BUT are only shown once (in this section) in the document for clarity.

NOTE: Many State level interoperable channels (ISPERN, IFERN, POINT, IREACH, ESMARN, and MABAS firegrounds) are used on a daily basis for day-to-day operable communications. Using these operable channels as interoperable resources could affect ongoing operations in a nearby community. Please clarify/assess the need for the resource as an interoperable resource and be sensitive to how the state interoperable resources are used in a particular area.

The Illinois SIEC has reserved all Zones in BA (BA-BZ including B0-B9) for statewide interoperable use on STARCOM21

Interoperable communication between state agencies takes place on the STARCOM21 interoperable talkgroups listed in the table below.

STARCOM21 talkgroup IESMA found in Zone BA Mode 1 is the designated all-agency hailing channel.

Most Type 3 interoperable communication (between state agencies) takes place on STARCOM21.

Table 4 State Inter-System Shared Channels

Channel Name	Primary Use	Agencies Supported	Band
VHF Low Band			
IEMA 1	Intra-disciplinary	Emergency Management	VHF Low Band
IEMA 2	Intra-disciplinary	Emergency Management	VHF Low Band
IEMA 3	Intra-disciplinary	Emergency Management	VHF Low Band
IEMA 4	Intra-disciplinary	Emergency Management	VHF Low Band
LESERN	Intra-disciplinary	Emergency Management	VHF Low Band
VHF High Band			
ISP HF4	Intra-disciplinary	ISP and local LE	VHF High Band
IEMA	Inter-disciplinary	Multi-Agency	VHF High Band
ESMARN	Inter-disciplinary	Multi-Agency	VHF High Band
ISPERN	Intra-disciplinary	ISP and local LE	VHF High Band
IREACH	Inter-disciplinary	Multi-Agency	VHF High Band
IFERN	Intra-disciplinary	Fire	VHF High Band
IFERN 2	Intra-disciplinary	Fire and Alt Fire Staging	VHF High Band
POINT	Inter-dispatch center	Multi-Agency	VHF High Band
RED	Tactical Fire Ground	Fire	VHF High Band

Channel Name	Primary Use	Agencies Supported	Band
WHITE	Tactical Fire Ground	Fire	VHF High Band
BLUE	Tactical Fire Ground	Fire	VHF High Band
GOLD	Tactical Fire Ground	Fire	VHF High Band
BLACK	Tactical Fire Ground	Fire	VHF High Band
GRAY	Tactical Fire Ground	Fire	VHF High Band
MERCI 160	Intra-disciplinary	EMS Direct, Ambulance to Hospital operations EMS Rgn 4	VHF High Band
MERCI 220	Intra-disciplinary	EMS Direct, Ambulance to Hospital Dispatch operations	VHF High Band
MERCI 280	Intra-disciplinary	EMS Direct Hospital to Hospital communications and AIR to Ground coordination	VHF High Band
MERCI 340	Statewide Interoperability	EMS Direct, Ambulance to Hospital operations	VHF High Band
MERCI 400	EMS Inter-hospital Command and Control	EMS Direct, Ambulance to Hospital operations EMS Regions 9 & 10	VHF High Band
UHF			
None			
Below is the Illinois STARCOM21 Statewide Interoperable Template			
IESMA	Inter-disciplinary	Emergency Management and Statewide Hailing	STARCOM21
ILEAS	Inter-disciplinary	Law	STARCOM21
MABAS	Inter-disciplinary	Fire	STARCOM21
PUB HLTH	Inter-disciplinary	EMS	STARCOM21
IPWMAN	Inter-disciplinary	Public Works	STARCOM21
INCDNT 1	Command & Control	Multi-Agency	STARCOM21
INCDNT 2	Command & Control	Multi-Agency	STARCOM21
INCDNT 3	Command & Control	Multi-Agency	STARCOM21
INCDNT 4	Command & Control	Multi-Agency	STARCOM21
INCDNT 5	Command & Control	Multi-Agency	STARCOM21
NORTH A	North Zone Interoperability	Multi-Agency	STARCOM21
NORTH B	North Zone Interoperability	Multi-Agency	STARCOM21
CENTER A	Center Zone Interoperability	Multi-Agency	STARCOM21
CENTER B	Center Zone Interoperability	Multi-Agency	STARCOM21
SOUTH A	South Zone Interoperability	Multi-Agency	STARCOM21
SOUTH B	South Zone Interoperability	Multi-Agency	STARCOM21
RGN 2A	IEMA Region 2 Interop	Multi-Agency	STARCOM21
RGN 2B	IEMA Region 2 Interop	Multi-Agency	STARCOM21

Channel Name	Primary Use	Agencies Supported	Band
RGN 3A	IEMA Region 3 Interop	Multi-Agency	STARCOM21
RGN 3B	IEMA Region 3 Interop	Multi-Agency	STARCOM21
RGN 4A	IEMA Region 4 Interop	Multi-Agency	STARCOM21
RGN 4B	IEMA Region 4 Interop	Multi-Agency	STARCOM21
RGN 6A	IEMA Region 6 Interop	Multi-Agency	STARCOM21
RGN 6B	IEMA Region 6 Interop	Multi-Agency	STARCOM21
RGN 7A	IEMA Region 7 Interop	Multi-Agency	STARCOM21
RGN 7B	IEMA Region 7 Interop	Multi-Agency	STARCOM21
RGN 8A	IEMA Region 8 Interop	Multi-Agency	STARCOM21
RGN 8B	IEMA Region 8 Interop	Multi-Agency	STARCOM21
RGN 9A	IEMA Region 9 Interop	Multi-Agency	STARCOM21
RGN 9B	IEMA Region 9 Interop	Multi-Agency	STARCOM21
RGN 11A	IEMA Region 11 Interop	Multi-Agency	STARCOM21
RGN 11B	IEMA Region 11 Interop	Multi-Agency	STARCOM21
The following Talkgroups are NOT in the Statewide Template. They are Agency specific (ISP and Tollway)			
SPEVT 1 A-B	Law	Multi-Agency	STARCOM21
SPEVT 2 A-B	Law	Multi-Agency	STARCOM21
SPEVT 3 A-B	Law	Multi-Agency	STARCOM21
TOLLWAY	Inter-disciplinary	Multi-Agency	STARCOM21
TW LISLE IRCH	Inter-disciplinary	Multi-Agency	STARCOM21
TW RCHL IRCH	Inter-disciplinary	Multi-Agency	STARCOM21
TW M7 IRCH	Inter-disciplinary	Multi-Agency	STARCOM21
TW PL10 IRCH	Inter-disciplinary	Multi-Agency	STARCOM21
TW PL23 IRCH	Inter-disciplinary	Multi-Agency	STARCOM21
TW PL36 IRCH	Inter-disciplinary	Multi-Agency	STARCOM21
TW Maint-N	Highway Maintenance	Tollway and IDOT	STARCOM21
TW Maint-S	Highway Maintenance	Tollway and IDOT	STARCOM21
TW Alternate	Highway Maintenance	Tollway and IDOT	STARCOM21

4.4.2.2 State Inter-System Shared Channel Policies and Procedures

The policies and procedures in section 3.1 apply to the local, State, and Federal channels shared across multiple systems in the same or different frequency bands.

Due to its significance we are repeating one of the bullet points from Section 3.1.5 here in its entirety “Because of the potentially detrimental impact on STARCOM21 system performance when STARCOM21 users throughout the state monitor talkgroups in use; only users actively participating in the incident or authorized by a COML or COMC should monitor or transmit on a given talkgroup.”

4.4.2.3 State Inter-System Shared Channel Rules of Use

Inter-system shared channels are reserved for situations that require interoperable communications to coordinate multiple public safety entities and/or activities across two or more separate radio systems.

STARCOM21 talkgroups “INCIDNT”, “NORTH”, “CENTER”, or “SOUTH” are only to be accessed at the direction of a COML or COMC.

4.4.3 Non-Federal National Interoperable Pool (NIP) Shared Channels

Agencies that may need to work across a state border for mutual aid, should consider setting up a separate zone in the radio (if possible) with the NIP Channel names as opposed to relying on the Illinois name. (Police Example - Illinois = ISPERN; Wisconsin = VLAW31; National = VLAW31 // Fire Example - Illinois/Wisconsin/Indiana = MABAS BLUE; National = VFIRE23)

4.4.3.1 Non-Federal National Interoperable Pool (NIP) Overview

The Federal Communications Commission has designated multi-discipline interoperability channels in the UHF VHF (both low and high bands), UHF, 700 MHz and 800 MHz public safety radio bands. The term "multi-discipline" infers these channels are to be accessible for all public safety users to communicate to others within their discipline (police-to-police, fire-to-fire, etc.) as well as cross-discipline communications (police-to-fire, fire-to-local government, etc.) among all public safety users.

Table 5 Non-Federal National Interoperable Pool (NIP) Shared Channels

Channel Name	Primary Use	Agencies Supported	Frequency/Band
VHF Low Band NIP			
LLAW1	Tactical Repeater	Law	VHF - Low Band
LLAW1D	Tactical Simplex	Law	VHF - Low Band
LFIRE2	Tactical Repeater	Fire	VHF - Low Band
LFIRE2D	Tactical Simplex	Fire	VHF - Low Band
LLAW3	Tactical Repeater	Law	VHF - Low Band
LLAW3D	Tactical Simplex	Law	VHF - Low Band
LFIRE4	Tactical Repeater	Fire	VHF - Low Band
LFIRE4D	Tactical Simplex	Fire	VHF - Low Band
VHF High Band NIP			
VCALL10	Calling Simplex	Multi-Agency	VHF – High Band
VTAC11	Tactical Simplex	Multi-Agency	VHF – High Band
VTAC12	Tactical Simplex	Multi-Agency	VHF – High Band
VTAC13	Tactical Simplex	Multi-Agency	VHF – High Band
VTAC14	Tactical Simplex	Multi-Agency	VHF – High Band
VFIRE21	Tactical Simplex	Fire	VHF – High Band
VFIRE22	Tactical Simplex	Fire	VHF – High Band
VFIRE23	Tactical Simplex	Fire	VHF – High Band
VFIRE24	Tactical Simplex	Fire	VHF – High Band
VFIRE25	Tactical Simplex	Fire	VHF – High Band
VFIRE26	Tactical Simplex	Fire	VHF – High Band
VMED28	Tactical Simplex	EMS	VHF – High Band
VMED29	Tactical Simplex	EMS	VHF – High Band
VLAW31	Tactical Simplex	Law	VHF – High Band
VLAW32	Tactical Simplex	Law	VHF – High Band
VTAC33	Tactical Repeater	Multi-Agency	VHF – High Band

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Channel Name	Primary Use	Agencies Supported	Frequency/Band
VTAC34	Tactical Repeater	Multi-Agency	VHF – High Band
VTAC35	Tactical Repeater	Multi-Agency	VHF – High Band
VTAC36	Tactical Repeater	Multi-Agency	VHF – High Band
VTAC37	Tactical Repeater	Multi-Agency	VHF – High Band
VTAC38	Tactical Repeater	Multi-Agency	VHF – High Band
NC 1	Incident Calling Repeater	Working with Fed	VHF – High Band
IR 1	Incident Command Repeater	Working with Fed	VHF – High Band
IR 2	Med Evac Control Repeater	Working with Fed	VHF – High Band
IR 3	Logistics Control Repeater	Working with Fed	VHF – High Band
IR 4	Interagency Convoy Repeater	Working with Fed	VHF – High Band
IR 5 (Direct for NC 1)	Incident Calling Direct	Working with Fed	VHF – High Band
IR 6 (Direct for IR 1)	Incident Command Direct	Working with Fed	VHF – High Band
IR 7 (Direct for IR 2)	Med Evac Control Direct	Working with Fed	VHF – High Band
IR 8 (Direct for IR 3)	Logistics Control Direct	Working with Fed	VHF – High Band
IR 9 (Direct for IR 4)	Interagency Convoy Direct	Working with Fed	VHF – High Band
LE A	Direct Calling Analog	LE Working with Fed	VHF – High Band
LE 1	Tactical Repeater Analog	LE Working with Fed	VHF – High Band
LE 2	Tactical Repeater Digital	LE Working with Fed	VHF – High Band
LE 3	Tactical Repeater Digital	LE Working with Fed	VHF – High Band
LE 4	Tactical Repeater Digital	LE Working with Fed	VHF – High Band
LE 5	Tactical Repeater Digital	LE Working with Fed	VHF – High Band
LE 6 Direct for LE 2	Direct Tactical Digital	LE Working with Fed	VHF – High Band
LE 7 Direct for LE 3	Direct Tactical Digital	LE Working with Fed	VHF – High Band
LE 8 Direct for LE 4	Direct Tactical Digital	LE Working with Fed	VHF – High Band
LE 9 Direct for LE 5	Direct Tactical Digital	LE Working with Fed	VHF – High Band
NOTES: VTAC33-38 recommended for Deployable Tactical Repeater use only (FCC FB2T)			
NOTES: VTAC36-38 are preferred; VTAC 33-35 only use when necessary			
UHF NIP			
UCALL40	Calling Repeater	Multi-Agency	UHF
UCALL40D	Calling Simplex	Multi-Agency	UHF
UTAC41	Tactical Repeater	Multi-Agency	UHF
UTAC41D	Tactical Simplex	Multi-Agency	UHF
UTAC42	Tactical Repeater	Multi-Agency	UHF
UTAC42D	Tactical Simplex	Multi-Agency	UHF
UTAC43	Tactical Repeater	Multi-Agency	UHF
UTAC43D	Tactical Simplex	Multi-Agency	UHF
NC 2	Repeater Incident Calling	Working with Fed	UHF
IR 10	Tactical Repeater Ad hoc	Working with Fed	UHF
IR 11	Tactical Repeater Ad hoc	Working with Fed	UHF
IR 12	Tactical Repeater SAR Command	Working with Fed	UHF
IR13	Direct Tactical Ad hoc assignment	Working with Fed	UHF

Channel Name	Primary Use	Agencies Supported	Frequency/Band
IR 14	Direct Tactical Interagency Convoy	Working with Fed	UHF
IR 15 (Direct for NC 2)	Direct Tactical Incident Calling	Working with Fed	UHF
IR 16 (Direct for IR 10)	Direct Tactical Ad hoc assignment	Working with Fed	UHF
IR 17 (Direct for IR 11)	Direct Tactical Ad hoc assignment	Working with Fed	UHF
IR 18 (Direct for IR 12)	Direct Tactical SAR Command	Working with Fed	UHF
LE B	Direct Calling Analog	LE Working with Fed	UHF
LE 10	Tactical Repeater Analog	LE Working with Fed	UHF
LE 11	Tactical Repeater Digital	LE Working with Fed	UHF
LE 12	Tactical Repeater Digital	LE Working with Fed	UHF
LE 13	Direct Tactical Digital	LE Working with Fed	UHF
LE 14	Direct Tactical Digital	LE Working with Fed	UHF
LE 15 (Direct for LE B)	Direct Tactical Digital	LE Working with Fed	UHF
LE 16 (Direct for LE 10)	Direct Tactical Analog	LE Working with Fed	UHF
LE 17 (Direct for LE 11)	Direct Tactical Digital	LE Working with Fed	UHF
LE 18 (Direct for LE 12)	Direct Tactical Digital	LE Working with Fed	UHF
700 MHz NIP (Statewide Interop Template)			
7CALL50	Calling Repeater	Multi-Agency	700 MHz
7CALL50D	Calling Simplex	Multi-Agency	700 MHz
7TAC51	Tactical Repeater	Multi-Agency	700 MHz
7TAC51D	Tactical Simplex	Multi-Agency	700 MHz
7TAC52	Tactical Repeater	Multi-Agency	700 MHz
7TAC52D	Tactical Simplex	Multi-Agency	700 MHz
7TAC53	Tactical Repeater	Multi-Agency	700 MHz
7TAC53D	Tactical Simplex	Multi-Agency	700 MHz
7TAC54	Tactical Repeater	Multi-Agency	700 MHz
7TAC54D	Tactical Simplex	Multi-Agency	700 MHz
7TAC55	Tactical Repeater	Multi-Agency	700 MHz
7TAC55D	Tactical Simplex	Multi-Agency	700 MHz
7TAC56	Tactical Repeater	Multi-Agency	700 MHz
7TAC56D	Tactical Simplex	Multi-Agency	700 MHz
7GTAC57	Tactical Repeater	Other Public Service	700 MHz
7GTAC57D	Tactical Simplex	Other Public Service	700 MHz
7MOB59	Mobile Repeater	Multi-Agency	700 MHz
7MOB59D	Mobile Simplex	Multi-Agency	700 MHz
7LAW61	Tactical Repeater	Law	700 MHz
7LAW61D	Tactical Simplex	Law	700 MHz
7LAW62	Tactical Repeater	Law	700 MHz
7LAW62D	Tactical Simplex	Law	700 MHz
7FIRE63	Tactical Repeater	Fire	700 MHz
7FIRE63D	Tactical Simplex	Fire	700 MHz
7FIRE64	Tactical Repeater	Fire	700 MHz
7FIRE64D	Tactical Simplex	Fire	700 MHz

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Channel Name	Primary Use	Agencies Supported	Frequency/Band
7MED65	Tactical Repeater	EMS	700 MHz
7MED65D	Tactical Simplex	EMS	700 MHz
7MED66	Tactical Repeater	EMS	700 MHz
7MED66D	Tactical Simplex	EMS	700 MHz
7DATA69	Mobile Data Repeater	Multi-Agency	700 MHz
7DATA69D	Mobile Data Simplex	Multi-Agency	700 MHz
7CALL70	Calling Repeater	Multi-Agency	700 MHz
7CALL70D	Calling Simplex	Multi-Agency	700 MHz
7TAC71	Tactical Repeater	Multi-Agency	700 MHz
7TAC71D	Tactical Simplex	Multi-Agency	700 MHz
7TAC72	Tactical Repeater	Multi-Agency	700 MHz
7TAC72D	Tactical Simplex	Multi-Agency	700 MHz
7TAC73	Tactical Repeater	Multi-Agency	700 MHz
7TAC73D	Tactical Simplex	Multi-Agency	700 MHz
7TAC74	Tactical Repeater	Multi-Agency	700 MHz
7TAC74D	Tactical Simplex	Multi-Agency	700 MHz
7TAC75	Tactical Repeater	Multi-Agency	700 MHz
7TAC75D	Tactical Simplex	Multi-Agency	700 MHz
7TAC76	Tactical Repeater	Multi-Agency	700 MHz
7TAC76D	Tactical Simplex	Multi-Agency	700 MHz
7GTAC77	Tactical Repeater	Other Public Service	700 MHz
7GTAC77D	Tactical Simplex	Other Public Service	700 MHz
7MOB79	Mobile Repeater	Multi-Agency	700 MHz
7MOB79D	Mobile Simplex	Multi-Agency	700 MHz
7LAW81	Tactical Repeater	Law	700 MHz
7LAW81D	Tactical Simplex	Law	700 MHz
7LAW82	Tactical Repeater	Law	700 MHz
7LAW82D	Tactical Simplex	Law	700 MHz
7FIRE83	Tactical Repeater	Fire	700 MHz
7FIRE83D	Tactical Simplex	Fire	700 MHz
7FIRE84	Tactical Repeater	Fire	700 MHz
7FIRE84D	Tactical Simplex	Fire	700 MHz
7MED86	Tactical Repeater	EMS	700 MHz
7MED86D	Tactical Simplex	EMS	700 MHz
7MED87	Tactical Repeater	EMS	700 MHz
7MED87D	Tactical Simplex	EMS	700 MHz
7DATA89	Mobile Data Repeater	Multi-Agency	700 MHz
7DATA89D	Mobile Data Simplex	Multi-Agency	700 MHz
7FTAC1	Low Power Tactical Repeater	Multi-Agency	700 MHz
7FTAC1D	Low Power Tactical Simplex	Multi-Agency	700 MHz
7FTAC2	Low Power Tactical Repeater	Multi-Agency	700 MHz
7FTAC2D	Low Power Tactical Simplex	Multi-Agency	700 MHz

Channel Name	Primary Use	Agencies Supported	Frequency/Band
7FTAC3	Low Power Tactical Repeater	Multi-Agency	700 MHz
7FTAC3D	Low Power Tactical Simplex	Multi-Agency	700 MHz
7GTAC4	Low Power Tactical Repeater	Multi-Agency	700 MHz
7GTAC4D	Low Power Tactical Simplex	Multi-Agency	700 MHz
7GTAC5	Low Power Tactical Repeater	Multi-Agency	700 MHz
7GTAC5D	Low Power Tactical Simplex	Multi-Agency	700 MHz
7LTAC6	Low Power Tactical Repeater	Multi-Agency	700 MHz
7LTAC6D	Low Power Tactical Simplex	Multi-Agency	700 MHz
7LTAC7	Low Power Tactical Repeater	Multi-Agency	700 MHz
7LTAC7D	Low Power Tactical Simplex	Multi-Agency	700 MHz
7LTAC8	Low Power Tactical Repeater	Multi-Agency	700 MHz
7LTAC8D	Low Power Tactical Simplex	Multi-Agency	700 MHz
7MTAC9	Low Power Tactical Repeater	Multi-Agency	700 MHz
7MTAC9D	Low Power Tactical Simplex	Multi-Agency	700 MHz
7NTAC10	Low Power Tactical Repeater	Multi-Agency	700 MHz
7NTAC10D	Low Power Tactical Simplex	Multi-Agency	700 MHz
7NTAC11	Low Power Tactical Repeater	Multi-Agency	700 MHz
7NTAC11D	Low Power Tactical Simplex	Multi-Agency	700 MHz
7NTAC12	Low Power Tactical Repeater	Multi-Agency	700 MHz
7NTAC12D	Low Power Tactical Simplex	Multi-Agency	700 MHz
Air to Ground (Not in Current Interop Template, Zone BJ) These require a license.			
7AG58D	Air-Ground	Multi-Agency	700 MHz
7AG58	Air-Ground	Multi-Agency	700 MHz
7AG60D	Air-Ground	Multi-Agency	700 MHz
7AG60	Air-Ground	Multi-Agency	700 MHz
7AG67D	Air-Ground	Multi-Agency	700 MHz
7AG67	Air-Ground	Multi-Agency	700 MHz
7AG68D	Air-Ground	Multi-Agency	700 MHz
7AG68	Air-Ground	Multi-Agency	700 MHz
7AG78D	Air-Ground	Multi-Agency	700 MHz
7AG78	Air-Ground	Multi-Agency	700 MHz
7AG80D	Air-Ground	Multi-Agency	700 MHz
7AG80	Air-Ground	Multi-Agency	700 MHz
7AG85D	Air-Ground	Multi-Agency	700 MHz
7AG85	Air-Ground	Multi-Agency	700 MHz
7AG88D	Landing Zone Coordination	Multi-Agency	700 MHz
7AG88	Landing Zone Coordination	Multi-Agency	700 MHz
800 MHz NIP (Statewide Interop Template Zone BC)			
8CAL90	Calling Repeater	Multi-Agency	800 MHz
8CAL90D	Calling Simplex	Multi-Agency	800 MHz
8TAC91	Tactical Repeater	Multi-Agency	800 MHz
8TAC91D	Tactical Simplex	Multi-Agency	800 MHz

Channel Name	Primary Use	Agencies Supported	Frequency/Band
8TAC92	Tactical Repeater	Multi-Agency	800 MHz
8TAC92D	Tactical Simplex	Multi-Agency	800 MHz
8TAC93	Tactical Repeater	Multi-Agency	800 MHz
8TAC93D	Tactical Simplex	Multi-Agency	800 MHz
8TAC94	Tactical Repeater	Multi-Agency	800 MHz
8TAC94D	Tactical Simplex	Multi-Agency	800 MHz

4.4.3.2 National Interoperable Pool (NIP) Shared Channel Policies and Procedures

Based on FCC regulations, state and local governmental agencies that have a valid Part 90 license may install NIP frequencies in existing radios. When responding to an emergency where the need for interoperability is demonstrated, responders may use one or more of the available frequencies as warranted by the incident. The responsibility for management and assignment of available frequencies rests with the Communications Unit Leader (COML) and Communications Coordinator (COMC).

4.4.4 Illinois High Frequency (HF) Single Sideband (SSB), Automatic Link Establishment (ALE) Radio Network

The Illinois HF Net is designed to provide medium to long range communications without the need for any infrastructure. This is intended for use in a Lt Col or disaster like an earthquake where infrastructure based systems such as internet, telephone systems, and the Starcom21 system are severely impaired or completely down over a very large affected area.

4.4.4.1 Illinois HF SSB ALE Network Overview

The Federal Communications Commission has designated HF frequencies for use in the event of Lt Col or disasters, where normal communications methods are disrupted or destroyed.

Automatic Link Establishment is a MIL-Standard method for accounting for daily and seasonal variations in medium and long range propagation. ALE stations scan their designated channel set, a calling station will call a specific station on each channel in the set. The receiving station will receive this call when they scan across it. A call is then established, and the users can then communicate.

Radios for this network are installed in various ISP and IDOT District headquarters, as well as in ITECS and UCP vehicles, and in other locations. Several other states have HF ALE Networks, and it is possible to communicate with those agencies. Some HF radios may also have frequencies for other state and federal networks. These radios are also usable on Amateur Radio frequencies, provided an Amateur General Class or higher operator is at the controls, and with the approval of a COML.

Channel Name	Primary Use	Agencies Supported	Frequency/Band
85	Disaster Communications	Multi-Agency	HF
86	Disaster Communications	Multi-Agency	HF
87	Disaster Communications	Multi-Agency	HF
88	Disaster Communications	Multi-Agency	HF
89	Disaster Communications	Multi-Agency	HF
90	Disaster Communications	Multi-Agency	HF
91	Disaster Communications	Multi-Agency	HF
92	Disaster Communications	Multi-Agency	HF
93	Disaster Communications	Multi-Agency	HF
94	Disaster Communications	Multi-Agency	HF

4.4.4.2 Illinois HF SSB ALE NETWORK Policies and Procedures

Based on FCC regulations, these HF frequencies are licensed to state-level emergency management, who then administer the network within their state. The state then designates where the HF radios are located, and the operating procedures for the use of HF radios in the state.

NOTE: The FCC rules for use of the HF frequencies require that they can only be used for disasters, exercises, drills, and training. We may NOT use these HF frequencies for routine day-to-day operations.

4.5 Gateways

"Gateway" devices interconnect channels of disparate systems (whether on different frequency bands or radio operating modes), allowing first responders using their existing radios and channels to be interconnected with the channels of other users outside of their agency. Dispatch consoles that are able to create patches are also shown here as gateways. Gateways are listed in the following table. More detailed information on each gateway is provided in Appendix C (Inter-system Shared Channels/Talkgroups).

NOTE: No gateway may be activated onto the STARCOM21 radio platform without the prior approval of the STARCOM21 Oversight Committee. This approval is granted by the Oversight Committee in anticipation of using the gateway in the future for incidents and events. The State COMC can authorize and emergency STARCOM21 patch.

4.5.1 Available State Gateway Devices

Table 6 Available Gateway Devices

Gateway Name	Owning Agency	Day-to-Day or Incident / Event (I/E)	Make / Model	Fixed / Mobile / Portable	No. of Simultaneous Nets	No. of Ports
IDOT Regional Dispatch Facility	IDOT	I/E	MCU 7500	Fixed	1	--
IEMA Dispatch	IEMA	I/E	MCU7500	Fixed	3	120
IEMA ICRI	IEMA	I/E	C-AT ICRI	Portable	1	5
ILEAS ICRI (one per team)	ILEAS	I/E	C-AT ICRI	Portable	2	5
ILEAS ICRI	ILEAS	I/E	C-AT ICRI	Portable	2	5
ISP Regional Dispatch Facility	ISP	Both	MCU7500	Fixed	2	--
ISSP ICRI	ISSP	I/E	C-AT ICRI	Portable	1	5
ITECS 2	Winnebago Co.	I/E	ACU1000	Mobile	7	12
ITECS 3	Will Co.	I/E	ACU1000	Mobile	7	12
ITECS 4	DuPage Co.	I/E	ACU1000	Mobile	7	12
ITECS 5	Chicago	I/E	ACU1000	Mobile	7	12
ITECS 6	Springfield	I/E	ACU1000	Mobile	7	12
ITECS 7	Champaign	I/E	ACU1000	Mobile	7	12
ITECS 8	St. Clair Co	I/E	ACU1000	Mobile	7	12
ITECS 9	Crawford Co.	I/E	ACU1000	Mobile	7	12
ITECS 11	City of Marion	I/E	ACU1000	Mobile	7	12
Tollway Console	Tollway	Both	MCU7500	Fixed	2	UNK

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4.5.1.1 State Gateway Policies and Procedures

For a gateway to be an effective shared resource, it should have the following characteristics:

- Ready for deployment at all times
- Personnel available to transport a mobile/portable gateway to the incident scene OR configure a fixed gateway upon request
- Available personnel for support while the gateway is active
- Mobile/portable gateways should be labeled with the owning agency identification
- When deployed and activated each gateway device shall have a designated manager within the Communications Unit
- Check-out and tracking procedures are used during the incident to ensure the mobile/portable gateways are properly returned

4.5.1.2 State Gateway Rules of Use

- **Encryption** – Encryption shall NOT be used on channels patched via a gateway (gatewayed). All encrypted radio users must operate in a "clear" mode when a gateway is used, unless otherwise arranged in advance. **Never assume encryption carries across the gateway.**
- **Monitoring** – The Incident Commander, or their designee, will ensure that each activated interoperability channel is constantly monitored while in use.
- **STARCOM21** – Because of the detrimental effects on a given STARCOM site's capacity do not gate, patch, etc. two STARCOM21 talkgroups together. Use of a gateway to connect a STARCOM21 talkgroup to a conventional channel should only be done under the authority of a COML or a COMC.

4.5.1.3 State Gateway Communications Request

The COML and/or Incident Commander must be aware that activating multiple gateways to support an incident can result in mutual interference. Interference issues are best resolved by the technical support team assigned to the gateways.

The agency requesting the use of a fixed or mobile gateway device for incident/event communications support should document and provide the following information to the owning gateway agency POC, on request:

- Requesting agency
- On-scene agencies requiring interoperability
- Incident/event type (e.g., severe flooding, riot, etc.)
- Equipment required
- Expected duration of event

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- Location required/access information
- Incident POC
- User/requestor and/or servicing dispatch contact phone number
- Additional support services requested (e.g., gateway operator, generator, etc.)
- Communications channels being considered for patching
- Number of users to be involved in the patch

4.5.1.4 ITECS (Mobile) State Gateway Deployment Procedures

The Illinois Terrorism Task Force has adopted specific, detailed procedures for requesting, activating and deactivation ITECS mobile communications suites.

See Appendices F and I

4.5.1.5 Fixed State Gateway Activation Procedures

Once the owning agency grants authorization to use their fixed gateway, the statewide procedures for establishing communications connectivity are:

- Select a channel or talkgroup on the home system for use in the gateway patch.
- Verify the system-wide availability of required resources (coordinate among control point dispatchers/COMC/COML).
- Provide radio call sign/designator information to connected agencies as needed.
- Assign the requested unit/agency to that channel or talkgroup.
- Connect the agency to the appropriate channel or talkgroup.
- Announce to users that interoperability is activated.
- Verify the identity of the user agencies on the interoperability channel using their agency name.
- Monitor the interoperability channel to address requests.

4.5.1.6 Fixed State Gateway Deactivation Procedures

When the gateway connection(s) is (are) no longer required, agencies should follow these deactivation procedures:

- Contact the monitoring dispatcher (for fixed gateways) to request patch/gateway deactivation.
- Announce over all patched channels/talkgroups that connections will be deactivated prior to the connection being disabled.
- Return all personnel to their appropriate home system channel assignments.

Each agency owning a gateway included in Table 6 should have a written procedure for documenting the receipt of a request, and for activation and deactivation of a gateway patch.

4.5.1.7 State Gateway Limitations

Interoperability provided through a gateway can connect participating agency responders but has the following limitations:

- The number of simultaneous patches that can be supported by any given gateway is limited. (See Number of Simultaneous Nets in Table 6 above)
- Home system coverage may limit communications. Gateway users must be within the footprint of the system's coverage area.
- Agencies not permanently configured on a given gateway will require additional planning to establish interoperable communications through that gateway.
- Patches or gateways into the STARCOM21 system can cause adverse loading effects on STARCOM21.
- Inappropriate patches can cause interference and/or feedback loops.
- Multiple patches to the same channel must not be implemented.

4.5.1.8 State Gateway Test Procedures

To ensure that equipment components of the gateway operate properly, each agency will participate in the following testing procedure:

- Testing should include deployment (mobile only), setup, operation, and deactivation of each gateway. Representatives from multiple agencies should work together to test various channels in each gateway on a regular basis.
- If an issue or problem is identified during the testing procedure, determine who will take corrective action. If the issue or problem cannot be resolved, contact the appropriate technical personnel to address the issue or problem.

4.6 Radio Caches

Cache radios, also known as "swap radios," refer to maintaining a group (cache) of standby radios that can be deployed to support incidents (spare radio(s) used as operational replacement for day-to-day use are NOT cache radios). Cache radios allow all responders to use common, compatible equipment during an incident. Specific caches within the State are listed in the following table. Detailed information on cache radios can be found in Appendix E (Radio Caches).

4.6.1 Available State Radio Caches

Table 7 State Available Radio Caches

Radio Cache Name	Make / Model	Owning / Managing Agency	Frequency Band	Quantity
IEMA VHF 1250	Motorola HT1250	IEMA – Rodger St	VHF	65
IEMA RC SC21	Motorola XTS 5000 Portable (6) Motorola XTL 5000 Mobile (1)	IEMA	700/800 MHZ STARCOM21	7 radios per region
IEMA RC3 Special Cache SC21	Motorola XTS 5000	IEMA Region 3 Office – Ottawa	700/800 MHZ STARCOM21	30
IEMA STARCOM21	Motorola XTS 5000	IEMA – Rodger St	700/800 MHZ STARCOM21	180
ILEAS North – Cache 1	Motorola XTS5000	ILEAS	700/800 MHZ STARCOM21	24
ILEAS Center – Cache 2	Motorola XTS5000	ILEAS	700/800 MHZ STARCOM21	24
ILEAS South – Cache 3	Motorola XTS5000	ILEAS	700/800 MHZ STARCOM21	24
ILEAS APX – Cache 4	Motorola APX7000	ILEAS	VHF 700/800 SC21	48
ILEAS VHF	EFJ 5100	ILEAS	VHF	20
ILEAS UHF	EFJ 5100	ILEAS	UHF	45
ILEAS 800	EFJ 5100	ILEAS	800 Conv	18
ISP North	Motorola XTS 5000 Law Enf Use Only	ISP - Sterling	700/800MHz STARCOM21	25
ISP Center	Motorola XTS 5000 Law Enf Use Only	ISP – Springfield	700/800 MHz STARCOM21	50
ISP South	Motorola XTS 5000 Law Enf Use Only	ISP - DuQuoin	700/800MHz STARCOM21	25
ISSP	Motorola HT1250	ISSP	VHF	68
ITECS 2 VHF UHF 800 V / U / 7 / 8	EF Johnson 5100 EF Johnson 5100 EF Johnson 5100 Harris Unity	Winnebago County	VHF UHF 700/800 Conv V / U / 7 / 8 SC21	24 24 11 40
ITECS 3 VHF UHF 800 V / U / 7 / 8	EF Johnson 5100 EF Johnson 5100 EF Johnson 5100 Harris Unity	Will County	VHF UHF 700/800 Conv V / U / 7 / 8 SC21	24 24 11 40

Radio Cache Name	Make / Model	Owning / Managing Agency	Frequency Band	Quantity
ITECS 4 VHF UHF 800 V / U / 7 / 8	EF Johnson 5100 EF Johnson 5100 EF Johnson 5100 Harris Unity	DuPage County	VHF UHF 700/800 Conv V / U / 7 / 8 SC21	24 24 11 40
ITECS 5 VHF UHF 800 V / U / 7 / 8	EF Johnson 5100 EF Johnson 5100 EF Johnson 5100 Harris Unity	Chicago	VHF UHF 700/800 Conv V / U / 7 / 8 SC21	24 24 11 40
ITECS 6 V / U / 7 / 8	Harris Unity	Springfield	V / U / 7 / 8	40
ITECS 7 VHF UHF 800 V / U / 7 / 8	EF Johnson 5100 EF Johnson 5100 EF Johnson 5100 Harris Unity	Champaign	VHF UHF 700/800 Conv V / U / 7 / 8 SC21	24 24 11 40
ITECS 8 VHF UHF 800 V / U / 7 / 8	EF Johnson 5100 EF Johnson 5100 EF Johnson 5100 Harris Unity	St. Clair County	VHF UHF 700/800 Conv V / U / 7 / 8 SC21	24 24 11 40
ITECS 9 VHF UHF 700/800 V / U / 7 / 8	EF Johnson 5100 EF Johnson 5100 EF Johnson 5100 Harris Unity	Crawford County	VHF UHF 700/800 Conv V / U / 7 / 8 SC21	24 24 11 40
ITECS 11 Cache	Harris Unity	Springfield	V / U / 7 / 8	40
IPWMAN North	Motorola APX7000	IPWMAN Wauconda Fire	VHF 7/8, SC21 Dual Band	18
IPWMAN Center	Motorola APX7000	IPWMAN Champaign Fire	VHF 7/8, SC21 Dual Band	18
IPWMAN South	Motorola APX7000	IPWMAN City of Marion	VHF 7/8, SC21 Dual Band	18
MABAS Cache 2	Motorola APX7000 Dual-Band	MABAS – Round Lake FD	VHF, 700/800 STARCOM21	12
MABAS Cache 3	Motorola APX7000 Dual-Band	MABAS – Wauconda FPD	VHF, 700/800 STARCOM21	12
MABAS Cache 4	Motorola APX7000 Dual-Band	MABAS – Wauconda FPD	VHF, 700/800 STARCOM21	12
MABAS Cache 5	Motorola APX7000 Dual-Band	MABAS - MRC	VHF, 700/800 STARCOM21	12
MABAS Cache 6	Motorola APX7000 Dual-Band	MABAS - MRC	VHF, 700/800 STARCOM21	12
MABAS Cache 7	Motorola APX7000 Dual-Band	MABAS - MRC	VHF, 700/800 STARCOM21	12
MABAS Cache 8	Motorola APX7000 Dual-Band	MABAS - MRC	VHF, 700/800 STARCOM21	12
MABAS Cache 9	Thales Liberty Tri-Band	MABAS - MRC	VHF, UHF,7,8 STARCOM21	48
OSFM VHF	Kenwood/TK290	OSFM	VHF	12
OSFM SC21	Motorola XTS5000	OSFM	700/800 STARCOM21	12
Tollway 800	Motorola HT-1000	Tollway	800 MHz Conv.	75

Radio Cache Name	Make / Model	Owning / Managing Agency	Frequency Band	Quantity
UCP 14 SC21 Cache	Motorola APX7000 Dual-Band	MABAS Div. 3	VHF, 700/800 STARCOM21	12
UCP 15 SC21 Cache	Motorola APX7000 Dual-Band	Oak Park Police	VHF, 700/800 STARCOM21	12
UCP 16 SC21 Cache	Motorola APX7000 Dual-Band	Tinley Park EMA	VHF, 700/800 STARCOM21	12

4.6.1.1 State Radio Cache Policies and Procedures

For a radio cache to be an effective shared resource, it should have the following characteristics:

- Be fully charged and maintained, ready for deployment at all times
- Include extra charged batteries/replacement batteries and chargers for extended deployments
- Personnel available to transport the radios to the incident scene
- Available support personnel for on-scene support during the deployment
- Radios should be labeled with the owning agency identification
- Each radio cache shall have a designated radio cache manager
- Check-out and tracking procedures are used during the incident to ensure the radios are properly returned to the cache following the incident

4.6.1.2 State Cache Radio Channels

All cache radios are required to have the following channels/talkgroups programmed:

Table 8 Required Channels for State-Owned Cache Radios

Radio Cache / Radio Type	Channel(s) Name(s)	Primary Use
STARCOM21	Statewide All Talkgroups in Zones BA-BZ	Statewide/National Interoperability
Non-STARCOM21 800MHz	8-CALL/8-TAC	National Interoperability
State VHF	ISP HF-4 (155.4600)	LE
State VHF	ISPERN (155.4750)	LE
State VHF	MABAS Fire Ground Red Channel (153.830)	Fire
State VHF	IEMA VHF 1 (155.9250)	IEMA Interoperability
State VHF	ESMARN (155.0250)	ESMARN Interoperability
State VHF	IREACH (155.0550)	Cross Discipline Interoperability
State VHF	National Interoperable Channels	National Interoperability

Table 9 Optional Channels for State-Owned Cache Radios

	Channel Name	Primary Use
State VHF	NWS 7 Channels	Weather

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State VHF	V-CALL/V-TAC	National Interoperability
State UHF	U-CALL/U-TAC	National Interoperability

4.6.1.3 State Radio Cache Rules of Use

The following are general rules of use and apply to all State Agency radio caches:

- **Equipment Return** – The requesting agency is responsible for the return of any cache radios/equipment in the condition that they were received. The responsibility for lost or damaged equipment lies with the appropriate agency as dictated by any existing Memoranda of Agreement (MOAs).

4.6.1.4 State Radio Cache Request

The Incident Commander, or his/her designee, determines when a situation exists that requires the use of a state/regional radio cache and notifies the appropriate dispatch center. The dispatch center will follow internal agency procedures to contact the COML or Radio Cache Agency POC and relay pertinent information regarding the event. The requesting agency documents and provides the following information to the Radio Cache Agency POC, on request:

- Requesting agency
- On-scene agencies requiring interoperability
- Incident/event type of event (e.g., wild land fire, etc.)
- Equipment requirements
- Expected duration of event
- Location required/access information
- Incident POC
- User/requestor and/or servicing dispatch agency
- Contact phone number
- Additional support services requested (e.g., technician, chargers, etc.)

The Radio Cache Agency determines what radio caches are available for use, identifies a specific cache, activates that cache, and coordinates the cache deployment with the requesting agency Incident Commander or his/her designee.

4.6.1.5 State Radio Cache Equipment Activation

ITECS caches follow ITECS protocol (see Appendix F-Mobile Communications Units)

Non-ITECS caches

Upon receiving a request for the deployment of a radio cache, the owning agency **dispatcher** should follow these deployment procedures:

- Contact the on-call person responsible for radio cache deployment.
- Dispatch (deliver) the radio cache to the incident scene.

- Inform the requesting agency that the radio cache is en route and provide an estimated time of arrival (ETA), if available.

The **radio cache technician (or designee)**, delivery person should follow these deployment procedures:

- Provide dispatch with an ETA to the incident.
- Retrieve the radio cache from its storage location and deliver it to the incident scene.
- Report to the Incident Commander or Check-in location upon arrival.
- Once on-scene, sign the cache over to the requesting agency for incident use or, if assigned to remain on scene, coordinate radio cache deployment procedures with the Communications Unit.
    - Each radio within the radio cache will have a unique identification number for inventory tracking. Ask the receiving agency to sign a property transfer form if they take responsibility for managing the radio cache on scene.
    - The requesting Incident Commander or COML will be responsible for:
        - Supporting radio deployments on-scene
        - Maintaining a record of each user and agency to whom a radio and associated accessories have been distributed
        - Documenting the identification number of each radio deployed
- Each user and/or agency that receives a radio from the radio cache will be required to sign in out and also be responsible for returning the radio and all associated accessories to the cache at the end of the incident. The receiving agency is responsible to return the equipment in the same condition as received.

4.6.1.6 State Radio Cache Equipment Deactivation

When the radio cache is no longer required, agencies should follow these deactivation procedures:

- Coordinate the return of all cache radios to the Communications Unit through the Incident Commander or the COML.
- The Communications Unit will be responsible for inventorying all radios and accessories returned to the cache. Before leaving the incident scene, the Communications Unit will determine if any radios have not been returned to the radio cache and note the user and agency to which the radio was distributed. The Communication Unit will provide information on missing or damaged radios to the Radio Cache Agency POC for resolution.

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4.7 Mobile Communications Units

A Mobile Communications Unit (MCU) refers to any vehicular asset that can be deployed to provide or supplement communications capabilities in an incident area. Examples of the types of communications devices an MCU can house are: subscriber and base station radios of various frequency bands, gateway devices, satellite phones, wireless computer networks, video broadcasting/receiving equipment, etc. The MCU should also be able to temporarily provide the electrical power required to operate the communications devices. More detailed information on each MCU is provided in **Error! Reference source not found.** (Mobile Communications Units).

4.7.1 Available State Mobile Communications Units

Table 10 State Mobile Communications Units

Unit ID / Designator	FEMA Type	Owning Agency	Deployment Area	Based At
IDOT District 2 MEOC	Type IV	IDOT	Statewide	Dixon
IDOT District 3 MEOC	Type IV	IDOT	Statewide	Ottawa
IDOT District 4 MEOC	Type IV	IDOT	Statewide	Peoria
IDOT District 5 MEOC	Type IV	IDOT	Statewide	Paris
IDOT District 6 MEOC	Type IV	IDOT	Statewide	Springfield
IDOT District 7 MEOC	Type IV	IDOT	Statewide	Effingham
IDOT District 3 MICC	Type IV	IDOT	Statewide	Ottawa
IEMA UAC	Type I	IEMA	Statewide	Springfield
IEMA Field Command 1	Type II	IEMA	Statewide	Springfield
IEMA Field Command 2	Type II	IEMA	Statewide	Springfield
IEMA SOW	Type IV	IEMA	Statewide	Springfield
IESMA EMAT Trailer 1	Type IV	IESMA	Statewide	Bloomington
IESMA EMAT Trailer 2	Type IV	IESMA	Statewide	Benton
IESMA EMAT Trailer 3	Type IV	IESMA	Statewide	Woodstock
IESMA EMAT Trailer 4	Type IV	IESMA	Statewide	Lincoln
ILEAS C&C Trailer 2	Type IV	ILEAS	Statewide	Urbana
ILEAS C&C Trailer 3	Type IV	ILEAS	Statewide	Belleville
ILEAS Comms Support	Type IV	ILEAS	Statewide	Urbana
ING CRCS Chicago	N/A	ING	Statewide	Chicago
ING CRCS Springfield	N/A	ING	Statewide	Springfield
ING CRCS Urbana	N/A	ING	Statewide	Urbana
ING CRCS Scott AFB	N/A	ING	Statewide	Scott AFB
ING JISCC Springfield	N/A	ING	Statewide	Springfield

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ING JISCC Peoria	N/A	ING	Statewide	Peoria
ING JISCC Scott AFB	N/A	ING	Statewide	Scott AFB
ISP Northern SOW	Type IV	ISP	Northern 1/3	Sterling
ISP Central SOW	Type IV	ISP	Central 1/3	Springfield
ISP Southern SOW	Type IV	ISP	Southern 1/3	DuQuoin
ITECS 2	Type IV	Winnebago Co	Statewide	Rockford
ITECS 3	Type IV	Will Co	Statewide	Joliet
ITECS 4	Type IV	DuPage Co	Statewide	Wheaton
ITECS 5	Type IV	Chicago	Statewide	Chicago
ITECS 6	Type IV	Springfield	Statewide	Springfield
ITECS 7	Type IV	Champaign	Statewide	Champaign
ITECS 8	Type IV	St. Clair Co	Statewide	Sauget
ITECS 9	Type IV	Crawford Co	Statewide	Robinson
ITECS 11	Type IV	Williamson Co	Statewide	Marion
UCP 01	Type II	Adams Co	Statewide	Quincy
UCP 02	Type II	Bureau Co	Statewide	Princeton
UCP 03	Type II	DuPage Co	Statewide	Wheaton
UCP 04	Type II	Galesburg	Statewide	Galesburg
UCP 05	Type II	JoDaviess Co	Statewide	Galena
UCP 06	Type II	Kendall Co	Statewide	Yorkville
UCP 07	Type II	Madison Co	Statewide	Edwardsville
UCP 08	Type II	McLean Co	Statewide	Bloomington
UCP 09	Type II	Rock Island Co	Statewide	Rock Island
UCP 10	Type II	Tazewell Co	Statewide	Tremont
UCP 11	Type II	Jefferson Co	Statewide	Mt. Vernon
UCP 12	Type II	DuQuoin	Statewide	DuQuoin
UCP 13	Type II	Wauconda	Statewide	Wauconda
UCP 14	Type II	MABAS Div. 3	Statewide	Glenview
UCP 15	Type II	Oak Park	Statewide	Oak Park
UCP 16	Type II	Tinley Park	Statewide	Tinley Park

4.7.1.1 State Mobile Communications Unit Policies and Procedures

For an MCU to be an effective shared resource, it should have the following characteristics:

- Ready for deployment at all times
- Personnel available to transport to and operate at an incident scene at all times

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- Sufficient personnel and supplies available to support the MCU during extended deployments
- Technical specialists available on scene or by reach-back to trouble shoot and correct problems
- When deployed and activated each gateway device shall have a designated manager within the owning agency

4.7.1.2 State Mobile Communications Unit Technology Overview

Within the state, as the table above indicates, there are a number of different MCUs including state-owned assets, locally hosted ITECS (9), and locally hosted Unified Command Posts (16). For a description of each Mobile Communications Unit, see Appendix F (Mobile Communications Units).

4.7.1.3 State Mobile Communications Unit Rules of Use

Rules of use for vehicles in Table 10 are under development by each host agency. Rules will be inserted here upon receipt.

4.7.1.4 State Mobile Communications Unit Request

The Incident Commander or the COML determines when a situation exists that requires the use of an MCU and notifies the IEMA dispatch center. The IEMA dispatch center will follow internal agency procedures to contact the COML, MCU POC or unit's dispatch point and relay pertinent information regarding the event. The requesting agency documents and provides the following information to IEMA, on request:

- Requesting agency
- Services requested
- Agencies requiring interoperability
- Incident/event type (e.g., Tornado, Flood etc.)
- Expected duration of event
- Location required/access information
- Incident POC
- User/requestor and/or servicing dispatch contact phone number

The MCU Agency determines if the MCU is available for use and coordinates the deployment with the SEOC, or unit's dispatch point. The SEOC will coordinate with the Incident Commander or the COML.

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4.8 Mutual Aid Repeaters for Interoperability: Fixed, Transportable, or Portable

Some jurisdictions have deployed radio repeaters that provide interoperable communications allowing efficient coordination of first responders during an incident or planned event. These repeaters may be in fixed positions using permanent towers; or they may be transportable, allowing for deployment at or near the incident scene.

4.8.1 Fixed Site Repeaters

A number of entities throughout IL have installed fixed sites repeaters configured for one or more of the National Interoperable Pool 700/800 MHz channels. A list of the repeaters known to exist in Illinois

Table 11 State Fixed Site Repeaters

Host / Owner	location	Band	# of Repeaters
Chicago OEMC	Chicago Patches VHF to UHF to 700/800	VHF/UHF	1
Chicago OEMC	Chicago Patches VHF to UHF to 700/800	VHF/UHF	1
Illinois Tollway	Western Springs I-294/55th St.	UHF	1
Illinois Tollway	Markham I-294/I-80	UHF	1
Illinois Tollway	Libertyville I-94/IL137	UHF	1
Illinois Tollway	Addison I-355/Army Trail Rd.	UHF	1
Grundy Co SO	Morris IL47/IL113	UHF	2
Chicago OEMC	Chicago Patches to VHF & UHF	800	1
Chicago OEMC	Chicago Patches to VHF & UHF	800	1
Cook County SO	Chicago 26th/California	800	4
Cook County SO	Hoffman Estates IL58/Barrington Rd.	800	2
Cook County SO	Melrose Park IL64/25th Ave.	800	2
Cook County SO	Palos Park Ashland/Sauk Trail	800	2
Cook County SO	Steger McCarthy/Wolf Rd.	800	2
Elgin PD	Elgin 120 S State St,	800	2
Grundy Co SO	Morris IL47/IL113	800	2

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Grundy Co. SO	Morris IL47/IL113	800	5
Illinois Tollway	Aurora I-88/IL25	800	2
Illinois Tollway	Belvidere I-90/US20	800	2
Illinois Tollway	Deerfield I-294/ I-94800	800	2
Illinois Tollway	Elgin I-90/IL25	800	2
Illinois Tollway	Gurnee I-94/IL132	800	2
Illinois Tollway	Lemont I-355/127th St.	800	2
Illinois Tollway	Lisle I-355/I-88	800	2
Illinois Tollway	Markham I-294/I-80	800	2
Illinois Tollway	Rochelle I-88/I-39	800	2
Illinois Tollway	Western Springs I-294/55th St.	800	2
ISP Dist. Ashkum	Bradley 500 Kinzie Ave.	800	2
ISP Dist. Chicago	Chicago Willis Tower	800	5
ISP Dist. Effingham	Mason 4320 N 950th St.	800	2
ISP Dist. Moline	800 Crest Hill, East Moline	800	3
ISP Dist. Pesotum	Pesotum I-57/US45	800	2
ISP Dist. Peoria	Pekin 1130 Cook	800	2
ISP Dist. Pontiac	Bloomington ISU Waterson Dorm	800	2
ISP Dist. Springfield	Taylorville (IDOC) Route 29	800	2
Lake County SO	Libertyville 1303 N. Milwaukee	800	1
NW Central Disp.	Arlington Heights 1975 East Davis St	800	5
St Louis Police	St Louis 1200 Clark	800	5
TAZCOM	Pekin 1130 Cook	800	5
Will County SO	Lemont I-355/127th St.	800	4

4.8.1.1 Technology Overview

The actual channels provided are subject to change. Check with Owning Agencies.

4.8.1.2 Policies and Procedures

- Only the minimum number of calling channel repeaters should be in “Repeater ON” mode across the region.
- Repeaters on the tactical frequencies should always be in “Repeater OFF” mode, unless they are actually in use.
- Agencies should periodically check their repeaters to make sure they are in “Repeater OFF” mode to prevent interference to other agencies.
- Having multiple repeaters active on the same frequency in the same area causes the mobile and portable radio users to hear interference from multiple repeaters.
- Dispatch centers using direct repeater control normally cannot hear other active repeaters on their consoles unless they also have a monitor radio on that channel. They will hear the input channel from any mobile, portable, or control stations from any agency within range of their repeaters.
- 800 MHz interoperability repeaters transmit an automatic ID.
- All Interoperability repeaters nationwide are required to use a coded squelch tone of 156.7 Hz. This is to prevent cross talk from adjacent channels, and still allow all responders to be able to use any repeater in the US.

4.8.1.3 Rules of Use

Repeater use practices can be divided into two categories: Calling Channels and Tactical Channels.

- Calling Channels: The Region 54 and 13 Plans designate that the states will monitor the Calling Channels, in addition, many agencies monitor the calling channels on their own repeaters for their area.
    - Problems occur when more than one calling channel repeater is in repeat mode resulting in users may hear interference while the Dispatch centers do not.
    - This problem can be resolved by limiting the number of calling channel repeaters in repeat mode. Individual agencies can still monitor and answer the calling channel in their area. If required for an incident, should be ‘a local agency can put its calling channel in repeat’ mode for the duration of an incident.
    - Recommended Practice: Primary and secondary active repeaters for a region should be designated. This process will consider the combination that provides the best overall coverage while minimizing interference.
    - **Please note that this does not prohibit any agency from monitoring or using the Calling Channel**.
- Tactical Channels: Tactical Channels are used for incident communications.
    - Recommended Practice:
        - All Tactical Repeaters will be set to “Repeat Off”, or equivalent, unless needed for an incident or event in that area.
        - If possible, configure tactical repeaters to default to “Repeater OFF” in the event of a power cycle or other disruption.

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- In general, the Tactical Channel repeater that is closest to the incident and provides the minimum effective coverage area for the incident should be used. This allows greater reuse of frequencies for multiple incidents across the region.

4.8.1.4 Request/Notification of Host Agency

Initial notification for planned events should occur one week to one month before the scheduled start of the event. Real time notifications should be sent at the start and end of the use of the frequency(s).

Emergency incident notification should occur whenever time permits, but as early in the incident as possible. A notification should be sent in real time upon repeater deactivation.

4.8.1.5 When Repeater is Activated / Deactivated

An announcement should be broadcast over the repeater when the channel is activated and also when the channel is deactivated. Announcement information should include at a minimum:

- Agency Name
- FCC Call sign of the repeater in use
- Location of the Repeater
- The incident.

Agencies must clear an Interoperability channel when required by an agency handling a higher priority incident!

4.8.1.6 Limitations

Coordination among interoperable repeaters is vital for minimizing & eliminating potential interference. Two or more active repeaters on the same frequency can interfere with each other at great distances. To avoid interference, any agency that is using an 800 MHz Tactical Repeater should notify all other agencies that operate 800 MHz Interoperability repeaters in the Region. In addition, the controlling Dispatch Center should make an announcement on the repeater when the channel is activated and deactivated.

4.8.1.7 Testing Procedures

Testing of the repeater is the responsibility of the agency that owns the repeater(s). Each repeater should be tested no less than one time per calendar quarter. During a repeater test each channel programmed into the repeater should be tested separately.

4.8.2 Transportable Repeater

Table 12 State Transportable Repeaters

Host / Owner	Location	Band	# of Repeater
Champaign FD	Champaign ITECS 7	VHF UHF 700 800	1 2 1 1

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Chicago OEMC	Chicago ITECS 5	VHF UHF 700 800	1 2 1 1
Crawford Co. EMA	Crawford Co. ITECS 9	VHF UHF 700 800	1 2 1 1
DuPage Co. OHSEM	DuPage Co. ITECS 4	VHF UHF 700 800	1 2 1 1
IEMA	Springfield IEMA SOW	800	1
ISP	Springfield ISP Center SOW	800	1
ISP	Sterling ISP North SOW	800	1
ISP	Du Quoin ISP South SOW	800	1
Springfield PD	Springfield ITECS 6	VHF UHF 700 800	1 2 1 1
St Clair Co. EMA	St. Clair Co. ITECS 8	VHF UHF 700 800	1 2 1 1
Will Co. EMA	Will Co. ITECS 3	VHF UHF 700 800	1 2 1 1
City of Marion	Williamson Co. ITECS 11	VHF UHF 700 800	1 2 1 1
Winnebago Co. SO	Winnebago Co. ITECS 2	VHF UHF 700 800	1 2 1 1

4.8.2.1 Technology Overview

These are the repeaters located on the ITECS or the SOWs

4.8.2.2 Policies and Procedures

- Only the minimum number of calling channel repeaters should be in “Repeater ON” mode across the region.
- Repeaters on the tactical frequencies should always be in “Repeater OFF” mode, unless they are actually in use.

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- Agencies should periodically check their repeaters to make sure they are in “Repeater OFF” mode to prevent interference to other agencies.
- Multiple repeaters active on the same frequency in the same area causes the mobile and portable radio users to hear interference from multiple repeaters.
- Dispatch centers using direct repeater control normally cannot hear other active repeaters on their consoles unless they also have a monitor radio on that channel. They will hear the input channel from any mobile, portable, or control stations from any agency within range of their repeaters.800 MHz interoperability repeaters transmit an automatic ID.
- All Interoperability repeaters nationwide are required to use a coded squelch tone of 156.7 Hz. This is to prevent cross talk from adjacent channels, and still allow all responders to be able to use any repeater in the US.

4.8.2.3 Rules of Use

Repeater use practices can be divided into two categories: Calling Channels and Tactical Channels.

- Calling Channels: The Region 54 and 13 Plans designate that the states will monitor the Calling Channels, in addition, many agencies monitor the calling channels on their own repeaters for their area.
    - Problems occur when more than one calling channel repeater is in repeat mode resulting in users hearing interference while the Dispatch centers do not.
    - This problem can be resolved by limiting the number of calling channel repeaters in repeat mode. Individual agencies can still monitor and answer the calling channel in their area. If required for an incident, a local agency can put its calling channel in repeat mode for the duration of an incident.
    - Recommended Practice: Primary and secondary active repeaters for a region should be designated. This process will consider the combination that provides the best overall coverage while minimizing interference.
    - **Please note that this does not prohibit any agency from monitoring or using the Calling Channel**.
- Tactical Channels: Tactical Channels are used for incident communications.
    - Recommended Practice:
        - All Tactical Repeaters will be set to “Repeat Off”, or equivalent, unless needed for an incident or event in that area.
        - If possible, configure tactical repeaters to default to “Repeater OFF” in the event of a power cycle or other disruption.
    - In general, the Tactical Channel repeater that is closest to the incident and provides the minimum effective coverage area for the incident should be used. This allows greater reuse of frequencies for multiple incidents across the region.

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4.8.2.4 Request/Notification of Host Agency

Initial notification for planned events should occur one week to one month before the scheduled start of the event. Real time notifications should be sent at the start and end of the use of the frequency(s).

Emergency incident notification should occur whenever time permits, but as early in the incident as possible. A notification should be sent in real time upon repeater deactivation.

4.8.2.5 When Repeater is Activated / Deactivated

An announcement should be broadcast over the repeater when the channel is activated and also when the channel is deactivated. Announcement information should include at a minimum:

- Agency Name
- FCC Call sign of the repeater in use
- Location of the Repeater
- The incident.

Agencies must clear an Interoperability channel when required by an agency handling a higher priority incident!

4.8.2.6 Limitations

Coordination between interoperability repeaters is vital for minimizing & eliminating potential interference. Two or more active repeaters on the same frequency can interfere with each other at great distances. To avoid interference, any agency that is using an 800 MHz Tactical Repeater should notify all other agencies that operate 800 MHz Interoperability repeaters in the Region. In addition, the controlling Dispatch Center should make an announcement on the repeater when the channel is activated and deactivated.

4.8.2.7 Testing Procedures

Testing of the repeater is the responsibility of the agency that owns the repeater(s). Each repeater should be tested no less than one time per calendar quarter. During a repeater test each channel programmed into the repeater should be tested separately.

4.8.3 Portable Repeater

Table 13 State Portable Repeaters

Host / Owner	Location	Band	# of Stations
Grundy co 815.942.0336	Morris 1320 Union St	VHF UHF 800	1 1 1
ILEAS 847.590.3500	Various Statewide	VHF	13
ILEAS 847.590.3500	Various Statewide	800	9
MABAS 847-419-0911	Wheeling 233 W Hintz	VHF	3

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MABAS 847-419-0911	Wheeling 233 W Hintz	UHF Range One 390-419	1
MABAS 847-419-0911	Wheeling 233 W Hintz	UHF Range Two 420-469	3
MABAS 847-419-0911	Wheeling 233 W Hintz	UHF T Band 470-512	3
MABAS 847-419-0911	Wheeling 233 W Hintz	700 MHz	3
MABAS 847-419-0911	Wheeling 233 W Hintz	800 MHz	3

4.8.3.1 Portable Repeater Overview

- VHF High Band
  - 3-Motorola PDR 3500
- UHF
  - UHF (R1) – 1 Motorola Quantar
  - UHF (R2) - 3 Daniels MT-4E
  - UHF T Band – 3 Daniels MT-4E
- 700 MHz
  - Daniels MT-4E
- 800 MHz Motorola PDR3500
- Tuned duplexers / Coax / Antennas
- Coax Adapters “N to BNC”

4.8.3.2 Policies and Procedures

- Only the minimum number of calling channel repeaters should be in “Repeater ON” mode across the region.
- Repeaters on the tactical frequencies should always be in “Repeater OFF” mode, unless they are actually in use.
- Agencies should periodically check their repeaters to make sure they are in “Repeater OFF” mode to prevent interference to other agencies.
- Multiple repeaters active on the same frequency in the same area causes the mobile and portable radio users to hear interference from multiple repeaters.
- Dispatch centers using direct repeater control normally cannot hear other active repeaters on their consoles unless they also have a monitor radio on that channel. They will hear the input channel from any mobile, portable, or control stations from any agency within range of their repeaters.800 MHz interoperability repeaters transmit an automatic ID.
- All Interoperability repeaters nationwide are required to use a coded squelch tone of 156.7 Hz. This is to prevent cross talk from adjacent channels, and still allow all responders to be able to use any repeater in the US.

4.8.3.3 Rules of Use

Repeater use practices can be divided into two categories: Calling Channels and Tactical Channels.

- Calling Channels: The Region 54 and 13 Plans designate that the states will monitor the Calling Channels, in addition, many agencies monitor the calling channels on their own repeaters for their area.
    - Problem occur when more than one calling channel repeater is in repeat mode resulting in users may hear interference while the Dispatch centers do not.
    - This problem can be resolved by limiting the number of calling channel repeaters in repeat mode. Individual agencies can still monitor and answer the calling channel in their area. If required for an incident, a local agency can put its calling channel in repeat mode for the duration of an incidentRecommended Practice: Primary and secondary active repeaters for a region should be designated. This process will consider the combination that provides the best overall coverage while minimizing interference.
    - **Please note that this does not prohibit any agency from monitoring or using the Calling Channel**.
- Tactical Channels: Tactical Channels are used for incident communications.
    - Recommended Practice:
        - All Tactical Repeaters will be set to "Repeat Off", or equivalent, unless needed for an incident or event in that area.
        - If possible, configure tactical repeaters to default to "Repeater OFF" in the event of a power cycle or other disruption.
    - In general, the Tactical Channel repeater that is closest to the incident and provides the minimum effective coverage area for the incident should be used. This allows greater reuse of frequencies for multiple incidents across the region.

4.8.3.4 Request/Notification of Host Agency

Initial notification for planned events should occur one week to one month before the scheduled start of the event. Real time notifications should be sent at the start and end of the use of the frequency(s).

Emergency incident notification should occur whenever time permits, but as early in the incident as possible. A notification should be sent in real time upon repeater deactivation.

4.8.3.5 When Repeater is Activated / Deactivated

An announcement should be broadcast over the repeater when the channel is activated and also when the channel is deactivated. Announcement information should include at a minimum:

- Agency Name
- FCC Call sign of the repeater in use
- Location of the Repeater
- The incident.

Agencies must clear an Interoperability channel when required by an agency handling a higher priority incident!

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4.8.3.6 Limitations

Coordination between interoperability repeaters is vital for minimizing & eliminating potential interference. Two or more active repeaters on the same frequency can interfere with each other at great distances. To avoid interference, any agency that is using an 800 MHz Tactical Repeater should notify all other agencies that operate 800 MHz Interoperability repeaters in the Region. In addition, the controlling Dispatch Center should make an announcement on the repeater when the channel is activated and deactivated.

4.8.3.7 Testing Procedures

Testing of the repeater is the responsibility of the agency that owns the repeater(s). Each repeater should be tested no less than one time per calendar quarter. During a repeater test each channel programmed into the repeater should be tested separately.

4.9 Non Public Safety Radio

4.9.1 AUXCOMM

- Auxiliary Communications (AUXCOMM)

Under the Incident Command System (ICS), AUXCOMM is the umbrella under which volunteer communications organizations operate as part of the Communications Unit. AUXCOMM volunteers are classified as technical specialists, and provide auxiliary and backup communications services when needed. AUXCOMM can cover many different types of communications groups, including:

- Radio Amateur Civil Emergency Service (RACES)

  Although the FCC is responsible for the creation and regulation of RACES operations, administration of the service is the responsibility of the Federal Emergency Management Administration (FEMA). FEMA is the federal entity charged with the task of administering the RACES program, although the rules for RACES operations are found in 47 CFR, Part 97, subpart E (FCC Rules). FEMA's guide to RACES operation is CPG 1-15.

  Each RACES group is, in turn, administered by a local government agency responsible for disaster services. RACES groups are "…certified by a civil defense organization as enrolled in that organization." (97.407(a)) RACES may be activated by the appointed Director of an Emergency Management Office, or authorized representative, for a particular area. The activation is in accordance with an approved civil defense communications plan.

  IEMA has a RACES group which was created in 2010 when the State of Illinois RACES plan was formalized. Illinois counties are strongly encouraged to create their own RACES program in accordance with the guidelines established in the State RACES plan. (See Appendix G-Amateur Radio Interop Frequencies)

- Amateur Radio Emergency Service (ARES)

  A program of American Radio Relay League (ARRL), the national association of Amateur radio in the US. ARES consists of amateur radio operators who volunteer their time, talents, and equipment to provide emergency communications when needed. ARES groups are structured at the county level and often closely aligned with Emergency Management functions with the County.

4.9.2 Military Auxiliary Radio Service (MARS)

IEMA is a member of the Army system as such IEMA's State RACES Officer can coordinate the use of Army channels/frequencies with MARS management for additional communications pathways during training, exercises, and incidents.

4.9.3 SHAred RESources (SHARES) High Frequency (HF) Radio Program

The SHAred RESources (SHARES) High Frequency (HF) Radio program, administered by the Department of Homeland Security's (DHS) National Coordinating Center for Communications (NCC), provides an additional means for users with a national security and emergency preparedness mission to communicate when landline and cellular communications are unavailable. SHARES members use existing HF radio resources to coordinate and transmit messages needed to perform critical functions, including those areas related to leadership, safety, maintenance of law and order, finance, and public health.

SHARES members use existing HF radio resources of government, critical infrastructure, and disaster response organizations to coordinate and transmit emergency messages. SHARES users rely on HF radio communications to perform critical functions, including those areas related to leadership, safety, maintenance of law and order, finance, and public health. This program also provides the emergency response community with a single interagency emergency message handling and frequency sharing system. SHARES promotes interoperability between HF radio systems and promotes awareness of applicable regulatory, procedural, and technical issues.

More than 1,400 HF radio stations—representing 104 federal, state, and industry organizations located in all 50 states, the District of Columbia, and several locations overseas—are resource contributors to the SHARES HF Radio Program. Nearly 500 emergency planning and response personnel participate in SHARES. Approximately 200 HF radio channels are available for use by SHARES members.

Membership in the SHARES program is voluntary. SHARES is available on a 24-hour basis and requires no prior coordination or activation to transmit messages. Members consult the SHARES Handbook to find stations, frequencies and/or Automatic Link Establishment (ALE) addresses of participating organizations they need to communicate/coordinate with. Participating SHARES HF radio stations accept and relay messages until a receiving station is able to deliver the message to the intended recipient.

4.10 Communications Alternatives

Several alternatives may be available to enable interoperable communications if sufficient radio interoperability cannot be established.

4.10.1 Telephone Conference Bridges

Telephone conference bridges permit direct communication among a number of users, assuming they have access to telephone services. A number of state and local agencies have teleconference bridges available that may be available for use with permission during an incident or event.

4.10.2 Satellite Phones

A satellite telephone is a type of mobile phone that connects to orbiting satellites instead of cell sites. Some satellite phone services depend on the terrestrial phone system for message transmission while others offer direct satellite phone to satellite phone message transmission.

4.10.3 Cellular/Push-to-Talk Commercial Wireless Technology

With an increasing number of public safety personnel relying on cell phones while performing their daily duties, a natural tendency exists to resort to these phones even during times of emergency or disaster. During emergencies, cellular networks can experience congestion due to increased call volumes and/or damage to network facilities, severely curtailing the ability of first responders to make emergency calls. As proven during numerous large scale emergencies and disasters, SMS messaging can often times be used on cellular phones when voice calls cannot be completed.

Key Federal, State, local, tribal government, and critical infrastructure personnel are eligible for Wireless Priority Service. Typical users are responsible for the command and control functions critical to management of and response to national security and emergency situations. Wireless Priority Service is an easy-to-use, add-on feature subscribed on a per-cell phone basis; no special phones are required. For more information view the website: www.wps.ncs.gov

4.10.4 Video Conferencing

Video conferencing permits direct communication among a number of users, assuming they have access to video conference services. The State is expanding mobile video conferencing capabilities so that all the UCPs will have systems onboard.

4.10.5 EMnet Messages

EMnet allows users to send messages to individual stations, groups of stations, or all stations on the EMnet network. It provides confirmation of delivery in the form of a receipt, any type of file except .exe may be attached to an EMnet message and two

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types of electronic forms are enabled within EMnet (incident status and resource request.

4.10.6 Computerized Emergency Notification System

A computerized emergency notification system can be programmed to contact specific individuals and agencies, depending on the nature of the incident. This includes appropriate media outlets, which could be used to inform the general public of situation updates, specific instructions, and/or emergency locations, if warranted.

4.10.7 Emergency Alert System (EAS)

EAS is a program of FEMA, FCC and National Weather Services. Local EAS message origination is available in Illinois today through the EMnet system. In the future IPAWS (Integrated Public Alerting and Warning Systems) will provide simultaneous emergency messages via EAS, public broadcast, direct to electronic devices, and NOAA Weather Radio along with the capability to link to the computerized notification systems referenced in 4.8.5.

4.10.8 Internet/E-mail

A lesson learned from the events of September 11, 2001, was the power of the Internet and e-mail. While conventional communications services (i.e., wireless phones and land lines) were either damaged or overwhelmed, the Internet was up and provided an invaluable service to the general public. In the same way public safety can use the Internet as a means to pass information to various agencies that are involved in the event and the public.

4.10.9 LEADS (Law Enforcement Agency Data Systems)

Directed messages can be sent from LEADS terminal to LEADS Terminal; both dispatch center to dispatch center and dispatch center to response vehicles.

4.10.10 Dispatch Center to Dispatch Center Messaging

Dispatch centers often share a common computer-aided dispatch (CAD) system capable of providing text messaging between centers and MDC/MDT equipped response vehicles.

4.10.11 Runner System

In the unlikely event that the multi-jurisdictional interoperability channels and back-up systems are all unavailable, the Incident Commander or Incident Communication Center Manager (INCM) can arrange for a “runner system” in which designated personnel carry messages from one function to another.

4.11 Emerging/Developing Technologies

As technologies evolve, inclusion of all new technologies in communications planning is essential.

4.11.1 911 and Next Generation 911 (NG911)

911 is the dialing sequence used in the United States for calls for emergency assistance from police, fire, and ambulance services. Calls to 911 are routed to a public safety access point (PSAP). Enhanced 911 (E911) provides caller location information to the PSAP.

NG911 is an Internet Protocol (IP)-based system that allows digital information (e.g., voice, photos, videos, text messages) to flow seamlessly from the public, through the 911 network, and on to emergency responders.

4.11.2 Geographic Information Systems (GIS)

A geographic information system or geographical information system (GIS) is a system designed to capture, store, manipulate, analyze, manage, and present all types of spatial or geographical data. The term describes any information system that integrates, stores, edits, analyzes, shares, and displays geographic information. GIS applications are tools that allow users to create interactive queries (user-created searches), analyze spatial information, edit data in maps, and present the results of all these operations. Geographic information science is the science underlying geographic concepts, applications, and systems.

GIS is a broad term that can refer to a number of different technologies, processes, and methods. It is attached to many operations and has many applications related to engineering, planning, management, transport/logistics, insurance, telecommunications, and business. For that reason, GIS and location intelligence applications can be the foundation for many location-enabled services that rely on analysis and visualization.

GIS can relate unrelated information by using location as the key index variable. Locations or extents in the Earth space–time may be recorded as dates/times of occurrence, and x, y, and z coordinates representing, longitude, latitude, and elevation, respectively. All Earth-based spatial–temporal location and extent references should, ideally, be relatable to one another and ultimately to a "real" physical location or extent.

4.11.3 Computer Aided Dispatch (CAD)

Computer-aided dispatch (**CAD**), also called **computer-assisted dispatch**, is a method of dispatching emergency services assisted by computer. It can either be used to send messages to field units via a mobile data terminal (MDT) and/or used to store and retrieve data (i.e. radio logs, field interviews, client information, schedules, etc.). A dispatcher may announce the call details to field units over a two-way radio. Some

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systems communicate using a two-way radio system's selective calling features. CAD systems may send text messages with call-for-service details to alphanumeric pagers or wireless telephony text services like SMS. Some CAD systems are interconnected among agencies, and are able to send incidents and other data amongst all the different agencies.

The central idea is that persons in a dispatch center are able to easily view and understand the status of all units being dispatched. CAD provides displays and tools so that the dispatcher has an opportunity to handle calls-for-service as efficiently as possible.

CAD typically consists of a suite of software packages used to initiate public safety calls for service, dispatch, and maintain the status of responding resources in the field. It is generally used by emergency communications dispatchers, call-takers, and 911 operators in centralized, public-safety call centers, as well as by field personnel utilizing mobile data terminals (MDTs) or mobile data computers (MDCs).

CAD systems consist of several modules that provide services at multiple levels in a dispatch center and in the field of public safety. These services include call input, call dispatching, call status maintenance, event notes, field unit status and tracking, and call resolution and disposition. CAD systems also include interfaces that permit the software to provide services to dispatchers, call-takers, and field personnel with respect to control and use of analog radio and telephone equipment, as well as logger-recorder functions

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4.12 Generators

State Generator Map

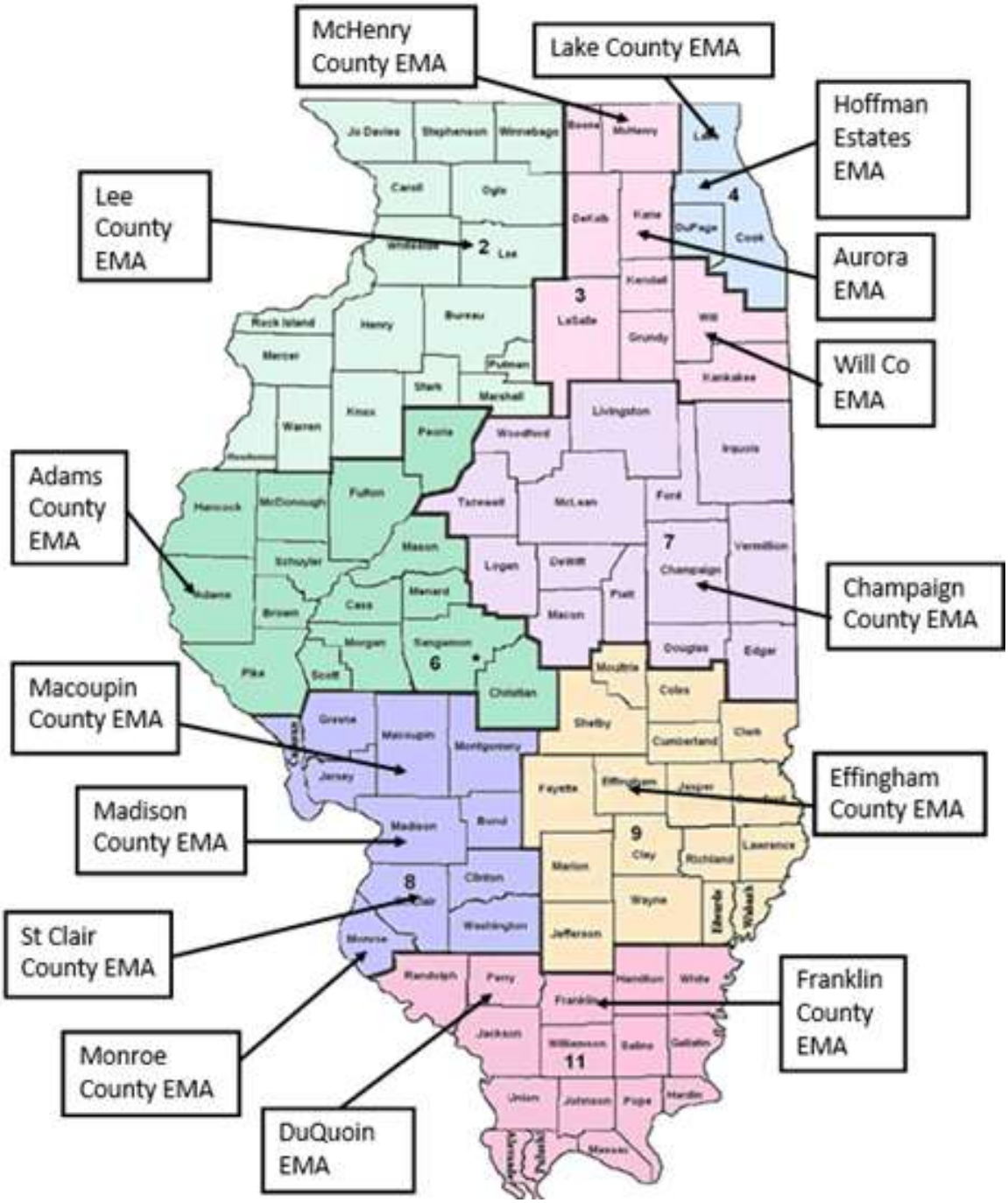

Table 14 State Deployable Generators

Generator Summary				
County	OWNING AGENCY	QTY	MAKE MODEL	KW
Adams	IESMA	1 4 1	CK Power CKT 303 DM CK Power CKT 603 DM Kohler/Felling 100REOZT	30 60 100
Champaign	IESMA	1 5 1	CK Power CKT 303 DM CK Power CKT 603 DM Kohler/Felling100REOZT	30 60 100
Cook Hoffman Estates	IESMA	1 5	CK Power CKT 303 DM CK Power CKT 603 DM	30 60
Cook Palatine	IESMA	1 4	CK Power CKT 303 DM CK Power CKT 603 DM	30 60
Effingham	IESMA	5 1	CK Power CKT 603 DM Kohler/Felling 100REOZT	60 100
Franklin	IESMA	1 5	CK Power CKT 303 DM CK Power CKT 603 DM	30 60
Kane	IESMA	1 5	CK Power CKT 303 DM CK Power CKT 603 DM	30 60
Lake	IESMA	1 5 1	CK Power CKT 303 DM CK Power CKT 603 DM Kohler/Felling 100REOZT	30 60 100
Lee	IESMA	1 4 1	CK Power CKT 303 DM CK Power CKT 603 DM Kohler/Felling 100REOZT	30 60 100
Macoupin	IESMA	1 4 1	CK Power CKT 303 DM CK Power CKT 603 DM Kohler/Felling 100REOZT	30 60 100
Madison	St Louis UASI Madison	2 1 4 1	Baldor TS45 Baldor TS45 w/ Light Tower Blue Star JD60-01 Cummins	45 45 60 100
McHenry	IESMA	5 1	CK Power CKT 603 DM Kohler/Felling 100REOZT	60 100
Monroe	St Louis UASI Monroe	4 1 1	Blue Star JD60-01 Baldor TS60 Baldor TS400	60 60 400
Perry	IESMA	1 5	CK Power CKT 303 DM CK Power CKT 603 DM	30 60
St Clair	St Louis UASI St Clair	5	Baldor TS60	60
Will	EMA	1 4	CK Power CKT 303 DM CK Power CKT 603 DM	30 60
Varies	MABAS	70+	Light Tower with four 1500 watt MH lights and 20 kVA Generator	20

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4.12.1 Generator Overview

IESMA, (The Illinois Emergency Service Management Association) have 66 mobile generators available to anyone that needs them during times of disaster or emergency. This cache of generators is regulated by the IESMA Board of Directors and coordinated with the Director of the Illinois Emergency Management Agency. The generators may be requested by any government agency within the State by a single phone call to EM-COM, our Dispatch Center in Logan County Illinois. EM-COM will track and deploy these assets statewide as determined by the overall need and priority. Currently there are 66 IESMA units staged across the state among 12 Host Sites.

To request an IESMA generator, contact EM-COM at 217-732-4311.

Also there are 19 UASI generators ranging from 45 KW to 400 KW located in the Saint Louis UASI Region. Madison County, Monroe County and St Clair County control these assets. To request one of the UASI cache generators please call the following numbers. Madison County Emergency Management Agency, Resource Request Line. 618-296-2400. Monroe County Emergency Management Agency 618-939-8651 ask for EMA Duty Officer. St. Clair County Emergency Management Agency 618-825-2051 ask for EMA Duty Officer. For the Mutual Aid Box Alarm System (MABAS) generators contact your local MABAS fire department or call MABAS, RED CENTER in Northbrook, Illinois at 847-724-5700.

4.12.2 Policies and Procedures

IESMA has pre-determined procedures through their Emergency Management Assistance Teams (EMAT) policy and procedure manuals. IESMA also have policies and procedures in place to protect both the membership and the assets in their Associations. Those bylaws can be found on our website at WWW.IESMA.ORG.

4.12.3 Rules of Use

The IESMA caches of generators are dispatched through EM-COM and are sent whenever there is a request. EM-COM and the IESMA Duty Officers follow a priority list that will determine who shall receive what generators and when they will be sent.

The Host Sites are encouraged to use the generators for Public Relations whenever they can to promote public awareness and extra run time on units. The host site will notify EM-COM of the un- availability of the generators when they are used locally.

4.12.4 When Generator is Activated / Deactivated

All of the generators are available for statewide activation unless they are committed to an event at the local county with a higher priority.

Generators are to be returned to the Host Site in the same condition they were when they were deployed. The generators are required to be refilled with diesel

fuel to the same level as they left. The requesting Agency must sign a release waiver form that guarantees all equipment released by the Host Site will be brought back without damage or the requesting agency must fix or replace the damaged equipment.

4.12.5 Limitations

When powering a building, all connections must be made using Certified Electricians to insure the equipment does not cause damage to the IESMA generator and/or building.

4.12.6 Testing Procedures

IESMA requires each Host Jurisdiction to inspect and test the generators monthly and file a report with the EM-COM Supervisor showing the number of hours on the generators that have been ran in standby mode and the number of hours the generators have been used to produce power. These unit logs are maintained by the EMCOM Supervisor for future reference and suggestions on the maintenances and service schedule on the units.

5 Emergency Resource Staffing

5.1 State Emergency Resource Directory

The State Emergency Resource Directory establishes a list of personnel who will respond to fill the Communication Unit positions for Type 3 incident and above.

Identified personnel must train and exercise to a Type 3 response level.

Contact information: State Emergency Operations Center – (217) 782-7860

See Appendix H (Emergency Communications Resources Staffing) for contact information for the State Agency Emergency Resource Personnel for each Communications Unit position.

5.2 Communication Locations and Position Descriptions

5.2.1 Dispatch Center/Local EOC/Area Command/SEOC

Communications Coordinator (COMC) –

The COMC coordinates communications between and among dispatch centers and incident communication units within one or more affected areas. The COMC reviews incident communication plans to assure that communications channels/talkgroups and assets are allocated and used effectively. Locally, the jurisdictional dispatch center supervisor or dispatcher will act as the Communications Coordinator when necessary. Communications Coordinators may be located at the county, area, state, and federal level.

5.2.2 At an Incident/Event

Communications Unit Leader (COML) –

Manages the technical and operational aspects of the Communications Function during an incident or event. Develops Incident Command System (ICS) Form 205 Incident Communications Plan and supervises the Communication Unit.

Incident Communications Technician (COMT) –

Responsible for the deployment, operation and maintenance of all communications assets during an incident/event.

Technical Specialist (THSP) –

Allows for the incorporation of personnel who may not be formally certified in any specific NIMS/ICS position. THSPs may include Local Agency Radio Technicians (as opposed to the COMT), Telephone Specialists, Gateway Specialists, Data/IT Specialists, and/or Cache Radio Specialists.

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Incident Communications Center Manager (INCM) –

Supervises the operational aspects of the mobile and/or fixed Facility Incident Communications Center (ICC). During an incident, the ICC is designed to absorb incident traffic in order to separate that traffic from the day-to-day activities of the dispatch center. The ICC is typically located at the Incident Command Post (ICP) in a fixed site, tent, trailer, or Mobile Communications Unit.

Radio Operator (RADO) –

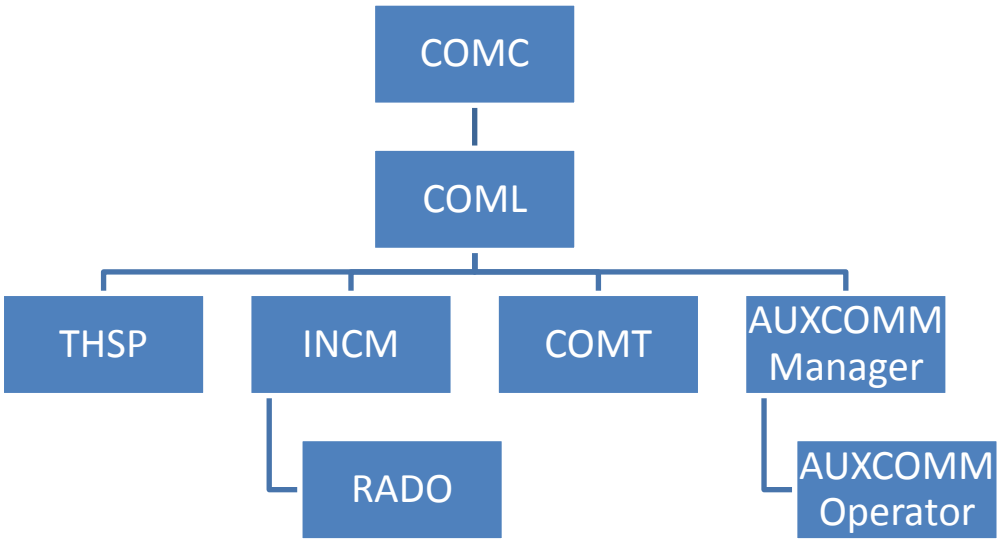
Staffs a radio at the ICC and is responsible for documenting inbound and outbound radio and telephone messages. Incident Dispatchers or Tactical Dispatchers are used as RADOs. RADOs may also be used as runners if necessary.

Auxiliary Communications (AUXCOMM)

Auxiliary Emergency Communications (also known as AEC or AuxComm) provides supplementary and backup communications utilizing the services of volunteer communicators, and operate as Technical Specialists under the ICS Communications Unit. AEC draws its resources from the licensed Amateur Radio operators within the state and has the capability to provide both intrastate and interstate AEC mutual aid.

Personnel and contact information for the positions shown above can be found in Appendix H

Structure Example



6 CASM

6.1 Overview

The Communication Assets Survey and Mapping (CASM) tool provides the ability for representatives of public safety agencies within a geographic area to collect, store, and visualize data about agencies, communication assets, and how agencies use those assets. The Governance body responsible for this TCIP is also responsible for entering and maintaining data in CASM about all land mobile radio systems, channels, etc within the state.

6.2 CASM Purpose

- Provide a single repository for information about land mobile radio systems, interoperability methods, and how they are used by public safety agencies within a state or county.
- Provide a method to display the data.
- Provide tools to analyze the data and visualize interoperability gaps in accordance with the Interoperability Continuum framework.

6.3 CASM Components

The CASM tool is composed of two components:

- Communication Assets Survey (CAS)

  The CAS component provides a means to enter, edit, and delete information about agencies, communication assets (such as radio systems, dispatch centers, mutual aid channels/systems, gateways and radio caches), and agency usage of those assets.

- Communication Assets Mapping (CAM)

  The CAM component provides a means to display this information in a map-based interface and provides analysis tools for displaying agency-to-agency interoperability, including interoperability gaps, in various ways.

The CASM tool is web-based and requires the user to have an active internet connection in order to access both the CAS and CAM components. CAS is a website that may be accessed via any internet browser, such as Internet Explorer, Netscape Navigator, or Mozilla Firefox. CAM is a client application that must be downloaded, installed, and executed on the user's computer.

Authorization to view data for a particular urban area or state is controlled by the State Administrative Manager (s) (AM); each user must have a user name and password in order to login. The state CASM POCs are listed in Appendix A

7 Training and Exercises

7.1 Policies

The state entities shall develop and maintain training programs and exercise components to optimize the ability of the responder agencies to communicate effectively utilizing the various communications assets described herein and available during incident response. The training programs and exercises shall be NIMS compliant and meet the requirements in Homeland Security guidance.

7.2 Exercises

The State of Illinois has established a three year statewide exercise cycle. Each year a statewide exercise will be conducted in either the north, central, or south areas of the state. During each statewide exercise the interoperable communications components of this plan shall be validated. Selected state assets will be deployed during each exercise so as to fully validate all state assets' capabilities during a three year cycle. These exercises will also be used to validate the procedures and rules of use set out in this plan. Exercises shall, when applicable, conform to HSEEP. **Every entity is encouraged to exercise communications during every exercise they conduct.**

7.3 Anticipated Statewide Training Programs

Table 15 Training Programs (Anticipated)

Training Needed	Purpose
Basic Radio User	To familiarize local and state personnel on use of STARCOM21 Equipment, and other statewide deployable assets.
Communications Coordinator (COMC)	• To train COML personnel on the multi-incident/multi-jurisdictional communications coordination methods including application of the Illinois and county TICP.
Communications Unit Leader (COML)	• To train personnel as Illinois Communications Unit Leaders • Learn their role within the ICS structure • Use the Illinois and their county's TICPs • Develop Standard Operating Procedures • Understand technical specifics of: the state's shared systems/channels, fixed site and mobile gateways, and Mobile Communication Centers
Communications Technician (COMT)	To familiarize personnel with all aspects of a particular communication asset, including policies and procedures. Examples: ITECS suite of equipment, IEMA SAT Van
Technical Specialist (THSP)	To familiarize personnel with the operating criteria and protocols of specific interoperable communications equipment. Examples STARCOM21 SOW, ITECS ACU1000, SAT Equipment.
Incident Communications Center Manager (INCM)	To familiarize personnel with the proper operation of an Incident Communications Center- Conducted by IL-TERT
Incident Radio Operator (RADO)	To familiarize personnel with proper radio operation and proper documentation of radio/telephone messages -- Conducted by IL-TERT.
Auxiliary Communications (AUXCOMM)	To more completely integrate volunteers in to the communications unit.

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Appendix A Points of Contact

A.1 TICP Preparation Agency Representatives

Agency	Name	Phone	Email
CMS	Diane Hoots		
IDOC	Frank Hughes		
IDOT	Steve Jackson		
IDPH	Mark Vassmer		mark.vassmer@illinois.gov
IDPH	Billy Carter		
IEMA	Walt Lewis		
IESMA	Jim Pitchford		
ING	Don West		
ISSP	Brandon Oxley		
ISP	Lambert Fleck		lambert_fleck@isp.state.il.us
ISP	Don Buttitta		
ISTHA	Tom Cameron		
ITTF	Joe Galvin		Joe.galvin@illinois.gov

A.2 Non-governmental Agency Contact Information

Agency	Name	Phone	Email
MABAS	Paul Maplethorpe		
ILEAS	Russ Gentry		rlgentry@ileas.org
IMERT	Chris Jansen		
IL-TERT	Brian Tegtmeyer		
IESMA	Jim Pitchford	O-217-854-3352	ema@macoupincountyil.gov
Em-Comm	Bucky Washam		
IPWMAN			
IMT	Bob Elliot		

A.3 SIEC Member Information

Agency	Name	Phone	Email
ISP	Capt. Felix Canizares SIEC Chairperson		
ITTF / SWIC	Joe Galvin		Joe.galvin@illinois.gov
Chicago OEMC	Dan Casey		
Chicago /Cook UASI	Jeff Rodrigues		
Cook County Sheriff	Wally Klinger		
FEMA Region V DEC	Alan Choutka		

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Agency	Name	Phone	Email
IDPH	Mark Vassmer	O-217-558-3525	mark.vassmer@illinois.gov
IDOT	Stephen Jackson	O-217-558-3056	Stephen.jackson@illinois.gov
IESMA	Jim Pitchford	O-217-854-3352	ema@macoupincountyil.gov
ILEAS	Russ Gentry	O-217-328-3800	rlgentry@ileas.org
IL-TERT	Brian Tegtmeyer		
Illinois Association of Fire Protection Districts	Michael Dillon	O-815-458-6838	mmdillon14@sbcglobal.net
Illinois Chiefs of Police	Mark Wilkins		
Illinois EMS Advisory Council	Mike Hansen	O-847-673-1545	mhansen@lwd.org
Illinois Fire Chiefs			
Illinois Sheriffs			
IEMA	Walt Lewis	O-217-557-6422	
MABAS	Paul Maplethorpe	O-847-546-6001	chief@rlfire.org
State Fire Marshal			
RED Center	James Clausen	O-847-498-5860	redctr911@aol.com
Region 13	Billy Carter		
Region 54	Chris Kindlespire	C-815-405-0998	ckspire@grundy911.org
Secretary of State Police	Brandon Oxley		
St Louis UASI	Don Feher	O-618.825.2685	Don.feher@co.st-clair.il.us

A.4 Subcommittee Working Group Chair Information

Subcommittee(s)	Name	Phone	Email
Governance	Chris Kindlespire	815-405-0998	ckspire@grundy911.org
Technology	Paul Maplethorpe	847-546-6001	chief@rlfire.org
Customer Advocacy	Russ Gentry Brandon Oxley	618-973-0139 217-524-0200	rlgentry@ileas.org Boxley@ILSOS.NET

A.5 State CASM Entities POC Information

Name	Phone	Email	Area of Responsibility
Walt Lewis	217-557-6422	Walt.Lewis@illinois.gov	IEMA
Joe Galvin		joe.galvin@illinois.gov	IEMA
Lambert Fleck	217-524-3542	lambert.fleck@isp.state.il.us	ISP
Jay Danner		Jay.Danner@Illinois.gov;	IDNR
Frank Hughes	217-558-2200	Tom.costa@doc.illinois.gov	IDOC

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A.6 State Dispatch Centers / 24 Hour Contact Numbers

Name	Telephone	Organizations / Agencies Served
IDOC Operations Center	217-558-2200 ext. 7800	IDOC
IDOT Central, Springfield 24 x7	217-782-3937	IDOT
IDOT Dist. 1, Schaumburg 24 x 7	847-705-4228	IDOT
IDOT Dist. 2, Dixon	815-284-2271	IDOT
IDOT Dist. 3, Ottawa	815-434-6131	IDOT
IDOT Dist. 4, Peoria 24 x 7	309-671-4487	IDOT
IDOT Dist. 5, Paris	217-465-4181	IDOT
IDOT Dist. 6, Springfield	217-782-7314	IDOT
IDOT Dist. 7, Effingham	217-342-3951	IDOT
IDOT Dist. 8, Collinsville 24 x 7	618-346-3237	IDOT
IDOT Dist. 9, Carbondale	618-549.-171	IDOT
IEMA Dispatch	800-782-7860	IEMA
ISP Dispatch (Statewide POC)	217-786-6677	ISP
ISP District 1, Sterling	815-632-4010	ISP
ISP District 2, Elgin	847-294-4400	ISP
ISP District 5, Joliet	847-294-4400	ISP
ISP District 6, Pontiac	815-844-1500	ISP
ISP District 7, Rock Island	815-635-4010	ISP
ISP District 8, Peoria	815-844-1500	ISP
ISP District 9, Springfield	217-786-6677	ISP
ISP District 10, Pesotum	815-844-1500	ISP
ISP District 11, Collinsville	618-346-3649	ISP
ISP District 12, Effingham	618-542.2711	ISP
ISP District 13, DuQuoin	618-542-2171	ISP
ISP District 14, Macomb	217-786-6677	ISP
ISP District 16, Rockford	815-632-4010	ISP
ISP District 17, LaSalle	815-632-4010	ISP
ISP District 18, Litchfield	618-346-3649	ISP
ISP District 19, Carmi	618-542-2171	ISP
ISP District 20, Pittsfield	217-786-6677	ISP
ISP District 21, Ashkum	815-844-1500	ISP
ISP District 22, Ullin	618-542-2171	ISP
ISP District Chicago	847-294-4400	ISP
ISSP DISPATCH (CAPCOM)	217-782-6008	ISSP & REVENUE)
Illinois Tollway / ISP District 15 Dispatch Center	630-241-6800 ext. 3420	Illinois Tollway & Illinois State Police

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A.7 ITECS Location List

ITECS 02 Winnebago County Sheriff

Name:	Brad Turner
Title:	IT/Communications Mgr.
Address:	420 W. State St., Rockford IL
Phone:	815.262.1384
24/7 Ph	8415.282.0101
Email:	turnerb@WCSO-IL.us; jbarthel@wincoil.us;

ITECS 03 Will County EMA

Name:	Tom Murray
Title:	Deputy Director
Address:	302 N. Chicago St., Joliet IL
Phone:	815.740.8351
24/7 Phone:	815.740.0911
Email:	tmurray@willcountyillinois.com

ITECS 04 DuPage County OHSEM

Name:	Craig Dieckman
Title:	Emergency Management Coordinator
Address:	136 N. County Farm Rd., Wheaton IL 60189
Phone:	630.407.2916
24/7 Phone:	630.682.7925
Email:	craig.dieckman@dupageco.org

ITECS 05 Chicago OEMC

Name:	Dan Casey
Title:	Dep Director
Address:	1411 W. Madison St., Chicago IL
Phone:	312.746.9371
24/7 Phone:	312.746.8800
Email:	Daniel.Casey@cityofchicago.org

ITECS 06 Springfield Police Dept.

Name:	Michael Midiri
Title:	Emergency Communication Mgr.
Address:	800 E. Monroe St., Room 103, Springfield IL
Phone:	217.789.2303
24/7 Phone:	217.788.8311
Email:	michael.midiri@cwlp.com

ITECS 07 Champaign Fire Dept.

Name:	Mike Bayless
Title:	Engineer
Address:	407 S. Randolph St., Champaign IL
Phone:	217.403.7203
24/7 Phone:	217.333.8911
Email:	iaff284@hotmail.com

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ITECS 08 St. Clair County EMA

Name: Herb Simmons
Title: Director
Address: 101 S. 1st St., Belleville IL
Phone: 618.825.2684
24/7 Phone: 618.277.3500
Email: herbert.simmons@co.st-clair.il.us

ITECS 09 Crawford County EMA

Name: Brad Midgett
Title: Director
Address: PO Box 132, Robinson IL
Phone: 618.546.1515
24/7 Phone: 618.546.1515
Email: kdpryor@frontiernet.net

ITECS 11 City of Marion

Name: Brian Fisher
Title: Safety Director
Address: City Hall, Marion IL
Phone: 618.997.7946
24/7 Phone: 618.997.5730
Email: safety@cityofmarionil.gov

A.8 UCP Location List

UCP 01 Adams County Sheriff / EMA

Name: John Simon
Title: EMA Coordinator
Address: 222 N. 52nd, Quincy IL
Phone: 217.277.2005
24/7 Phone: 217.222.9360
Email: jsimon@co.adams.il.us

UCP 02 Bureau County Sheriff

Name: Jim Shipp
Title: Commander
Address: 22 Park Ave. West, Princeton IL
Phone: 815.875.3344
24/7 Phone: 815.875.3344
Email: j.shipp@bureaucountysheriff.org

UCP 03 DuPage County Sheriff

Name: Randy Groh
Title: Sgt.
Address: 501 N. County Farm Rd., Wheaton IL
Phone: 630.407.2313
24/7 Phone: 630.668.0900
Email: randy.groh@dupagesheriff.org

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UCP 04 **Galesburg Police Dept.**

Name: Rodd Riggs
Title: Captain
Address: 150 S. Broad St., Galesburg IL
Phone: 309.345.3748
24/7 Phone: 309.343.9151
Email: rriggs@ci.galesburg.il.us

UCP 05 **Jo Daviess County Sheriff**

Name: Charles Pederson
Title: EMA Director
Address: 330 N. Bench St., Galena IL
Phone: 815.990.6702
24/7 Phone: 815.777.2141
Email: pedersen.charles@yahoo.com

UCP 06 **Kendall County Sheriff**

Name: Joe Gillespie
Title: Deputy Commander
Address: 1102 Cornell Lane, Yorkville IL
Phone: 630.553.7500
24/7 Phone: 630.553.5856
Email: jgillespie@co.kendall.il.us

UCP 07 **Madison County EMA**

Name: Larry Ringering
Title: Coordinator
Address: 157 N. Main St., Edwardsville IL
Phone: 618.692.0537
24/7 Phone: 618.692.4433
Email: llringering@co.madison.il.us

UCP 08 **McLean County EMA**

Name: Bob Clark
Title: Director
Address: 104 W. Front St., Bloomington IL
Phone: 309.888.5020
24/7 Phone: 309.888.5030
Email: bob.clark@mcleancountyil.gov;

UCP 09 **Rock Island County Sheriff**

Name: Sgt Randy Heisch
Title: Sgt.
Address: 1317 3rd Ave., Rock Island IL
Phone: 309.737.0847
24/7 Phone: 309.788.8988
Email: rheisch@ricosheriff.org

UCP 10 **Tazewell County ESDA**
Name: Jerry Zeurcher
Title: Field Services Coordinator
Address: 21304 IL Rt. 9, Tremont IL

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Phone: 309.477.2234
24/7 Phone: 309.346.4141
Email: jzuercher@tazewell.com;

UCP 11 Jefferson County Sheriff

Name: Travis Allen
Title: Sheriff
Address: 9th St., Mt. Vernon IL
Phone: 618.204.4980
24/7 Phone: 618.244.8004 x1
Email: sheriff@jeffil.us

UCP 12 DuQuoin ESDA

Name: Raymond "Doug" Clark
Title: Coordinator
Address: 302 E. Poplar, DuQuoin IL
Phone: 618.967.2404
24/7 Phone: 618.542.2131
Email: duquoinesda@gmail.com

UCP 13 Wauconda Fire Dist.
Name: Mike Wahl
Title: Chief
Address: 109 W. Liberty, Wauconda IL
Phone: 847.526.2821
24/7 Phone: 847.526.2306
Email: mwahl@waucondafire.org;

UCP 14 Cook County DHSEM
Name: Jeff Rodrigues
Title: Technical Security Manager
Address: 69 W Washington, Chicago
Phone: 312.285.5639
24/7 Phone:
Email: jeffrey.rodrigues@cookcountyil.gov

UCP 15 Cook County DHSEM
Name: Jeff Rodrigues
Title: Technical Security Manager
Address: 69 W Washington, Chicago
Phone: 312.285.5639
24/7 Phone:
Email: jeffrey.rodrigues@cookcountyil.gov

UCP 16 Cook County DHSEM
Name: Jeff Rodrigues
Title: Technical Security Manager
Address: 69 W Washington, Chicago
Phone: 312.285.5639
24/7 Phone:
Email: jeffrey.rodrigues@cookcountyil.gov

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A.9 IEMA Regional Coordinators and Office

Region 02 **Coordinator: Brian Brackemyer**

Address: 1325 N. Galena Ave., Dixon IL 61021-1009
Phone: 815.288.1455
Fax: 815.288.5650
Email: brian.brackemyer@illinois.gov

Region 03 **Coordinator: Michael Borcky**

Address: 1639 Champlain St., Ottawa IL 61350
Phone: 815.433.7161
Fax: 815.433.7165
Email: Michael.A.Borcky@illinois.gov

Region 04 **Coordinator: Jimmy Thompson**

Address: 9511 W. Harrison St., Des Plaines IL 60016-1563
Phone: 847.294.4717
Fax: 847.294.4715
Email: jimmy.thompson@illinois.gov

Region 06 **Coordinator: Bob Flemming**

Address: 2200 S. Dirksen Pkwy., Springfield IL 62703-4528
Phone: 217.782.0922
24/7 Phone: 217.558.4810
Email: Robert.L.Flemming3@illinois.gov

Region 07 **Coordinator: TBD**

Address: 313 N. Mattis Ave., Champaign IL 61821-2461
Phone: 217.352.0163
Fax: 217.352.1316
Email:

Region 08 **Coordinator: Stan Krushas**

Address: 2105 Vandalia, Suite 6A, Collinsville IL 62234-4859
Phone: 618.344.1024
Fax: 618.344.1159
Email: stanley.krushas@illinois.gov

Region 09 **Coordinator: Steve Simms**

Address: 112 W. Sixth St., Flora IL 62839-1401
Phone: 618.662.4474
Fax: 618.662.4448
Email: steve.simms@illinois.gov

Region 11 **Coordinator: Chris Pulley**

Address: State Regional Office, 2309 W. Main St., Suite 110, Marion IL 62959-1196
Phone: 618.997.5847
Fax: 618.997.2642
Email: Chris.Pulley@illinois.gov

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A.10 IEMA Regions

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Appendix B **Shared Systems**

Detailed information on shared systems available for use within the region is listed in subsequent pages of Appendix B. The table below lists the shared system(s).

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B.1 STARCOM21 – Based Shared Systems

Radio System Name	Make / Model	Type	Frequency Band	Owning Agency	Service Area
IAG	Motorola ASTRO25	Trunked	700-800MHZ	Motorola	Statewide
ICC	Motorola ASTRO25	Trunked	700-800MHZ	Motorola	Statewide
IDHS	Motorola ASTRO25	Trunked	700-800MHZ	Motorola	Statewide
IDNR	Motorola ASTRO25	Trunked	700-800MHZ	Motorola	Statewide
IDOC	Motorola ASTRO25	Trunked	700-800MHZ	Motorola	Statewide
IDOR	Motorola ASTRO25	Trunked	700-800MHZ	Motorola	Statewide
IDOT	Motorola ASTRO25	Trunked	700-800MHZ	Motorola	Statewide
IDPH	Motorola ASTRO25	Trunked	700-800MHZ	Motorola	Statewide
IEMA	Motorola ASTRO25	Trunked	700-800MHZ	Motorola	Statewide
IEPA	Motorola ASTRO25	Trunked	700-800MHZ	Motorola	Statewide
IGB	Motorola ASTRO25	Trunked	700-800MHZ	Motorola	Statewide
ILEAS	Motorola ASTRO25	Trunked	700-800MHZ	Motorola	Statewide
IMERT	Motorola ASTRO25	Trunked	700-800MHZ	Motorola	Statewide
IMT	Motorola ASTRO25	Trunked	700-800MHZ	Motorola	Statewide
ING	Motorola ASTRO25	Trunked	700-800MHZ	Motorola	Statewide
IOEIG	Motorola ASTRO25	Trunked	700-800MHZ	Motorola	Statewide
ISP	Motorola ASTRO25	Trunked	700-800MHZ	Motorola	Statewide
ISSP	Motorola ASTRO25	Trunked	700-800MHZ	Motorola	Statewide
ISTHA	Motorola ASTRO25	Trunked	700-800MHZ	Motorola	Statewide
JTTF	Motorola ASTRO25	Trunked	700-800MHZ	Motorola	Statewide
MABAS	Motorola ASTRO25	Trunked	700-800MHZ	Motorola	Statewide
OSFM	Motorola ASTRO25	Trunked	700-800MHZ	Motorola	Statewide

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B.2 Non - STARCOM21 Based Shared Systems

Radio System Name	Make / Model	Type	Frequency Band	Owning Agency	Service Area
IEMA Illinois HF SSB ALE Network	Motorola	Base/Mobile	HF	IEMA	Statewide
IEMA Low	Midland Motorola	Base/Mobile	VHF Low	IEMA	Statewide
IEMA VHF High	Various	Mobile	VHF High	IEMA	Statewide
ISP VHF High	Various	Base/Mobile	VHF High	ISP	Statewide
UHF Mutual Aid Repeaters (See Appendix G)	Motorola	Base	800	Various	Varies
800 MHz Mutual Aid Repeaters (See Appendix G)	Motorola	Base	800	Various	Varies
IPSAN (Formerly ALERTS)	Motorola	Mobile Data System	800 MHz	IPSAN	Regional
IWIN	Verizon / Motorola	Mobile Data System	Cellular	Verizon / State of Illinois	Statewide

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B.3 State Agencies/Organizations Band Capability

State Agency	HF	Low Band	High Band	UHF	700	800	STARCOM21
IAG					X	X	X
ICC					X	X	X
IDHS					X	X	X
IDNR			X		X	X	X
IDOC		X			X	X	X
IDOR					X	X	X
IDOT	X				X	X	X
IDPH	X				X	X	X
IEMA	X	X	X	X	X	X	X
IEPA					X	X	X
IGB					X	X	X
ILEAS	X		X		X	X	X
IMERT			X		X	X	X
IMT					X	X	X
ING	X	X		X	X	X	X
IOEIG					X	X	X
ISP	X		X		X	X	X
ISSP			X		X	X	X
ISTHA	X	X	X	X	X	X	X
JTTF					X	X	X
MABAS	X	X	X	X	X	X	X
OSFM			X		X	X	X

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B.4 STARCOM21 - Statewide Interoperable Platform

Responsible Agency

This radio system is owned or managed by: Motorola and under a master contract with the state through CMS

Name: Don Buttitta
Title: STARCOM21 System Administrator
Phone: 217.524.3544
24/7 Phone: 217.720.1952
Email: donald.buttitta@isp.state.il.us

Number of Radios

No. of Mobile Radios on this System:	>44,000
No. of Portable Radios on this System:	>44,000 We need to balance the numbers for a 44,000 total

System Type

Radio System Make:	Motorola
Trunked / Conventional/Both:	Trunked
Radio system Model:	ASTRO25
Radio System Frequency Band:	700/800MHZ
P25 Compliancy:	P25 Compliant
Number of Channels:	384
Encryption Protocol:	AES, DES, ADP
Year Installed:	2007
Repeated/Simplex/Both:	
Analog / Digital / Both:	Both Should say Digital, unless we are counting patches?
Wideband / Narrowband / Both:	Both, 800 MHz is wide, 700 MHz is narrow
Voted:	Yes
Simulcast:	Yes

Service area

Statewide

Participating Agencies

IDNR / CPO	ICC	ING

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IAG	IDOR	IDNR
IGB	IDOT	ISSP
Tollway	IDPH	IEMA
State Fire Marshall	ISP	IOEIG

Shared Channels

Channel Name	Analog / Digital	Wide / Narrow	Tx and Tone	Rx and Tone	Primary Use	Agencies Supported

Shared Talkgroups

Talkgroup Name	Talkgroup ID	Primary Use	Agencies Supported
See Statewide Interop Template			

Other Shared Channel/Talkgroup Notes:

None

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B.5 IEMA Low Band

Responsible Agency

This radio system is owned or managed by: Illinois Emergency Management Agency

Name: Walt Lewis
Title: Communications
Phone:
24/7 Phone: 800.782.7860
Email:

Number of Radios

No. of Mobile Radios on this System:	UNK
No. of Portable Radios on this System:	0

System Type

Radio System Make:	Motorola/Midland
Trunked / Conventional/Both:	Conventional
Radio System Model:	Various
Radio System Frequency Band:	VHF Low
P25 Compliancy:	No
Number of Channels:	4
Encryption Protocol:	No
Year Installed:	UNK
Repeated/Simplex/Both:	Simplex
Analog / Digital / Both:	Analog
Wideband / Narrowband / Both:	Wideband
Voted:	Yes
Simulcast:	No

Service area - Statewide

Participating Agencies – Unknown

Shared Channels – IEMA Low Band 1, 2, 3, 4

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

B.6 IEMA Illinois HF SSB ALE Network

Responsible Agency

This radio system is owned or managed by: Illinois Emergency Management Agency

Name: Walt Lewis
Title: Communications
Phone:
24/7 Phone: 800.782.7860
Email:

Number of Radios

No. of Mobile Radios on this System:	100
No. of Portable Radios on this System:	0

System Type

Radio System Make:	Motorola
Trunked / Conventional/Both:	Conventional
Radio System Model:	MICOM 2, MICOM 3
Radio System Frequency Band:	HF
P25 Compliancy:	No
Number of Channels:	10 State Channels, numerous others
Encryption Protocol:	No
Year Installed:	1998
Repeated/Simplex/Both:	Simplex
Analog / Digital / Both:	Single Sideband (SSB)
Wideband / Narrowband / Both:	Narrowband
Voted:	No
Simulcast:	No

Service area – Statewide and Nationwide

Participating Agencies – IEMA, ISP, IDOT, ITECS, UCP, ILEAS, STR, MABAS

Shared Channels – Channels 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, plus others.

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

B.7 IEMA VHF

Responsible Agency

This radio system is owned or managed by: Illinois Emergency Management Agency

Name: Walt Lewis
Title: Communications
Phone:
24/7 Phone: 800.782.7860
Email:

Number of Radios

No. of Mobile Radios on this System:	UNK
No. of Portable Radios on this System:	UNK

System Type

Radio System Make:	Motorola
Trunked / Conventional/Both:	Conventional
Radio System Model:	Various
Radio System Frequency Band:	VHF High
P25 Compliancy:	No
Number of Channels:	1
Encryption Protocol:	No
Year Installed:	UNK
Repeated/Simplex/Both:	Simplex
Analog / Digital / Both:	Analog
Wideband / Narrowband / Both:	Narrowband
Voted:	No
Simulcast:	No

Service area - Statewide

Participating Agencies - Unknown

Shared Channels – IEMA 1

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

B.8 ISP VHF

Responsible Agency

This radio system is owned or managed by: Illinois State Police

Name:	Lambert Fleck III
Title:	Assistant Bureau Chief Communication Service Bureau
Phone:	217.724-3542
24/7 Phone:	217.720-3343
Email:	lambert_fleck@isp.state.il.us

Number of Radios

No. of Mobile Radios on this System:	>900
No. of Portable Radios on this System:	UNK

System Type

Radio System Make:	Motorola, GE, Icom
Trunked / Conventional/Both:	Conventional
Radio System Model:	Various
Radio System Frequency Band:	VHF High
P25 Compliancy:	No
Number of Channels:	5+
Encryption Protocol:	No
Year Installed:	UNK
Repeated/Simplex/Both:	Simplex
Analog / Digital / Both:	Analog
Wideband / Narrowband / Both:	Narrowband
Voted:	Yes
Simulcast:	No

Service area - Statewide

Participating Agencies – Other Law Enforcement

Shared Channels – ISP HF-4, ISP HF-2, ISPERN, IREACH, POINT

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

B.9 IPSAN Data System (Formerly ALERTS)

Responsible Agency

This radio system is owned or managed by: Illinois Public Safety Agency Network

Name: Rose Rossi
Title: Illinois Public Safety Agency Network
Phone: 773.693.3000
24/7 Phone: 708.822.3102
Email: rose.rossi@illinois.gov

Number of Radios

No. of Mobile Radios on this System:	1500
No. of Portable Radios on this System:	0

System Type

Radio System Make:	Motorola
Trunked / Conventional/Both:	Mobile
Radio System Model:	RD-LAP
Radio System Frequency Band:	800 MHz
P25 Compliancy:	N/A
Number of Channels:	Various
Encryption Protocol:	No
Year Installed:	1990
Repeated/Simplex/Both:	Simplex
Analog / Digital / Both:	Digital
Wideband / Narrowband / Both:	Wideband
Voted:	NA
Simulcast:	NA

Service area - Regional

Participating Agencies – Local Law Enforcement

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

B.10 IWIN Data System Responsible Agency

This radio system is owned or managed by: Illinois Central Management Services

Name: Dale Walters
Title: CMS DoIT
Phone:
24/7 Phone:
Email:

Number of Radios

No. of Mobile Radios on this System:	10,000
No. of Portable Radios on this System:	0

System Type

Radio System Make:	Verizon
Trunked / Conventional/Both:	Other
Radio System Model:	Verizon
Radio System Frequency Band:	Cellular - CDPD
P25 Compliancy:	No
Number of Channels:	UNK
Encryption Protocol:	No
Year Installed:	UNK
Repeated/Simplex/Both:	Simplex
Analog / Digital / Both:	Digital
Wideband / Narrowband / Both:	NA
Voted:	NA
Simulcast:	NA

Service area - Statewide

Participating Agencies – Local Law Enforcement

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

Appendix C Inter-system Shared Channels/Talkgroups

Detailed information on shared channels available for use within the state is listed in the following table, including shared channel names and frequency/talkgroup details for each shared channel.

NOTE: Many State level interoperable channels (ISPERN, IFERN, POINT, IREACH, ESMARN, and MABAS firegrounds) are used on a daily basis for day-to-day operable communications. Using these operable channels as interoperable resources could affect ongoing operations in a nearby community. Please clarify/assess the need for the resource as an interoperable resource and be sensitive to how the state interoperable resources are used in a particular area.

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C.1 Illinois State HF SSB ALE Network – High Frequency Shared Channels

Channel Name	Analog / Digital	Wide / Narrow	Subscriber RX	Subscriber TX	Primary Use	Agencies Supported
85	A (SSB)	N	2.41400	2.41400	Emergency Management	Multi-Agency
86	A (SSB)	N	2.56900	2.56900	Emergency Management	Multi-Agency
87	A (SSB)	N	2.80400	2.80400	Emergency Management	Multi-Agency
88	A (SSB)	N	5.13500	5.13500	Emergency Management	Multi-Agency
89	A (SSB)	N	5.14000	5.14000	Emergency Management	Multi-Agency
90	A (SSB)	N	5.19200	5.19200	Emergency Management	Multi-Agency
91	A (SSB)	N	7.47700	7.47700	Emergency Management	Multi-Agency
92	A (SSB)	N	7.80200	7.80200	Emergency Management	Multi-Agency
93	A (SSB)	N	7.93200	7.93200	Emergency Management	Multi-Agency
94	A (SSB)	N	7.93500	7.93500	Emergency Management	Multi-Agency

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C.2 State VHF - Low Band Inter-system Shared Channels

Channel Name	Analog / Digital	Wide / Narrow	Subscriber RX and Tone	Subscriber TX and Tone	Primary Use	Agencies Supported
IEMA 1	A	W	45.44000 CSQ	45.44000 CSQ	Emergency Management	EMA
IEMA 2	A	W	45.28000 CSQ	45.28000 CSQ	Emergency Management	EMA
IEMA 3	A	W	45.36000 CSQ	45.36000 CSQ	Emergency Management	EMA
IEMA 4	A	W	45.40000 CSQ	45.40000 CSQ	Emergency Management	EMA
LESERN	A	W	45.56000 CSQ	45.56000 CSQ	Emergency Management	EMA

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C.3 National Interoperable VHF Low Inter-system Channels (Non Federal)

Channel Name	Analog / Digit-al	Wide / Narrow	Subscriber RX and Tone	Subscriber TX and Tone	Primary Use	Agencies Supported
LLAW1	A	W	39.46000 CSQ/156.7	45.86000 156.7	Law	Multi Agency
LLAW1D	A	W	39.46000 CSQ/156.7	39.46000 156.7	Law	Multi Agency
LFIRE2	A	W	39.48000 CSQ/156.7	45.48000 156.7	Fire (NEW)	Multi Agency
LFIRE2D	A	W	39.48000 CSQ/156.7	39.48000 156.7	Fire (NEW)	Multi Agency
LLAW3	A	W	45.86000 CSQ/156.7	39.46000 156.7	Law	Multi Agency
LLAW3D	A	W	45.86000 CSQ/156.7	45.86000 156.7	Law	Multi Agency
LFIRE4	A	W	45.88000 CSQ/156.7	39.48800 156.7	Fire	Multi Agency
LFIRE4D	A	W	45.88000 CSQ/156.7	45.88000 156.7	Fire	Multi Agency

CTCSS Tones – Default operation should be carrier squelch receive (CSQ), CTCSS Transmit. If the user can enable/disable without programming the radio, the indicated CTCSS tone also could be programmed for receive, and the user instructed how and when to enable/disable.

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

C.4 State VHF High Band Inter-system Shared Channels

Channel Name	Analog / Digital	Wide / Narrow	Subscriber RX and Tone	Subscriber TX and Tone	Primary Use	Agencies Supported
ISPERN	A	N	155.47500 CSQ/D156*	155.47500 D156	State and Local Interop	Law Enforcement
ISP HF-4	A	N	155.46000 CSQ	155.46000 CSQ	LE Car-to-Car	All State Law Enforcement
All ISP Districts Main HF 2	A	N	Various VHF	Various VHF	Dispatch	IDNR Law Enforcement & others
IREACH	A	N	155.05500 CSQ/D156*	155.05500 D156	Inter-agency	All
IEMA VHF 1	A	N	155.92500 CSQ	155.92500 CSQ	IEMA Dispatch	EMA
ESMARN	A	N	155.02500 CSQ/123.0*	155.02500 123.0	Emergency Management	EMA
Point to Point	A	N	155.37000 CSQ	155.37000 CSQ	Law Enforcement Dispatch to Dispatch	All Law Dispatch
IFERN	A	N	154.26500 CSQ/210.7*	154.26500 210.7	Fire Dispatch	Fire
IFERN 2	A	N	154.30250 CSQ/67.0*	154.30250 67.0	Fire Dispatch and Staging	Fire
RED	A	N	153.83000 CSQ/69.3*	153.83000 69.3	Fire Ground	Fire
WHT	A	N	154.28000 CSQ/74.4*	154.28000 74.4	Fire Ground	Fire
BLU	A	N	154.29500 CSQ/85.4*	154.29500 85.4	Fire Ground	Fire
GLD	A	N	153.83750 CSQ/91.5*	153.83750 91.5	Fire Ground	Fire
BLK	A	N	154.27250 CSQ/94.8*	154.27250 94.8	Fire Ground	Fire
GRY	A	N	154.28750 CSQ/136.5*	154.28750 136.5	Fire Ground	Fire
MERCI 160	A	N	155.16000 Varies	155.16000 Varies	Edwardsville	EMS
MERCI 220	A	N	155.22000 Varies	155.22000 Varies	Dispatch	EMS
MERCI 280	A	N	155.28000 CSQ/D156*	155.28000 D156	Point to Point	EMS
MERCI 340 **	A	N	155.34000 CSQ/ 210.7*	155.34000 210.7	Statewide	EMS
MERCI 400	A	N	155.40000 Varies	155.40000 Varies	NE Illinois	EMS

*In some regions of the state a PL code is used on both RX and TX. If you are not sure leave RX as CSQ

**155.3400 has a PL of 210.7 for statewide mutual aid use. In addition, each receiving hospital has unique CTCSS tone for communications

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NOTE: for VHF High Band ISPERN, MERCI 340 and certain Fireground channels has the same frequency as the National Interop Pool (NIP) channel but uses a different CTCSS tone. Noted Below

ISPERN / VLAW 31
IFERN / VFIRE22
IFERN2 / VFIRE26
WHT / VFIRE21
BLU / VFIRE23
BLK/ VFIRE24
GRY / VFIRE25
MERCI340 / VMED28

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

C.5 National Interoperable VHF High Band Channels (Non Federal)

Channel Name	Analog / Digital	Wide / Narrow	Subscriber RX and Tone	Subscriber TX and Tone	Primary Use	Agencies Supported
VCALL10	A	N	155.75250 CSQ/156.7	155.75250 156.7	Simplex Calling	Multi-Agency
VTAC11	A	N	151.13750 CSQ/156.7	151.13750 156.7	Simplex	Multi-Agency
VTAC12	A	N	154.45250 CSQ/156.7	154.45250 156.7	Simplex	Multi-Agency
VTAC13	A	N	158.73750 CSQ/156.7	158.73750 156.7	Simplex	Multi-Agency
VTAC14	A	N	159.47250 CSQ/156.7	159.47250 156.7	Simplex (SAR Interop)	Multi-Agency
VFIRE21	A	N	154.28000 CSQ/156.7	154.28000 156.7	Fire Ground	Fire
VFIRE22	A	N	154.26500 CSQ/156.7	154.26500 156.7	Fire Ground	Fire
VFIRE23	A	N	154.29500 CSQ/156.7	154.29500 156.7	Fire Ground	Fire
VFIRE24	A	N	154.27250 CSQ/156.7	154.27250 156.7	Fire Ground	Fire
VFIRE25	A	N	154.28750 CSQ/156.7	154.28750 156.7	Fire Ground	Fire
VFIRE26	A	N	154.30250 CSQ/156.7	154.30250 156.7	Fire Ground	Fire
VMED28	A	N	155.34000 CSQ/156.7	155.34000 156.7	Interoperability	EMS
VMED29	A	N	155.34750 CSQ/156.7	155.34750 156.7	Interoperability	EMS
VLAW31	A	N	155.47500 CSQ/156.7	155.47500 156.7	Interoperability	Law
VLAW32*	A	N	155.48250 CSQ/156.7	155.48250 156.7	Interoperability	Law
VTAC33* ***	A	N	159.47250 CSQ/156.7	151.13750 136.5	Tactical Repeater	Multi-Agency
VTAC34* ***	A	N	158.73750 CSQ/156.7	154.45250 136.5	Tactical Repeater	Multi-Agency
VTAC35* ***	A	N	159.47250 CSQ/156.7	158.73750 136.5	Tactical Repeater	Multi-Agency
VTAC36* ** ***	A	N	151.13750 CSQ/156.7	159.47250 136.5	Tactical Repeater	Multi-Agency
VTAC37* ** ***	A	N	154.45250 CSQ/156.7	158.73750 136.5	Tactical Repeater	Multi-Agency
VTAC38* ** ***	A	N	158.73750 CSQ/156.7	159.47250 136.5	Tactical Repeater	Multi-Agency

* VTAC33-38 recommended for Deployable Tactical Repeater use only (FCC FB2T)

** VTAC36-38 are preferred; VTAC 33-35 only use when necessary

*** VTAC33-38 – **NOTE** different PL Codes for RX and TX. Recommended Operation is CSQ on Receive

CTCSS Tones – Default operation should be carrier squelch receive (CSQ), CTCSS Transmit. If the user can enable/disable without programming the radio, the indicated CTCSS tone also could be programmed for receive, and the user instructed how and when to enable/disable.

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C.6 Federal Incident Response (IR) VHF Channels

The Federal Interoperability Channel Plan show frequencies available for use by all Federal agencies to satisfy law enforcement and public safety incident response interoperability requirements.

The Federal Interoperability Channels are available for use among Federal agencies and between Federal agencies and non-federal entities with which Federal agencies have a requirement to operate. The channels are available to non-federal entities to enable joint Federal/non-federal operations for law enforcement and incident response, subject to the condition that harmful interference will not be caused to Federal stations. These channels are restricted to interoperability communications and are not authorized for routine or administrative uses.

Channel Name	Analog / Digital	Wide / Narrow	Subscriber RX and Tone	Subscriber TX and Tone	Primary Use	Agencies Supported
NC 1	A	N	169.5375 CSQ*	164.7125 167.9	Calling Repeater	Multi-Agency
IR 1	A	N	170.0125 CSQ*	165.2500 167.9	Command Repeater	Multi-Agency
IR 2	A	N	170.4125 CSQ*	165.9625 167.9	Med Evac Repeater	Multi-Agency
IR 3	A	N	170.6875 CSQ*	166.5750 167.9	Logistics Repeater	Multi-Agency
IR 4	A	N	173.0375 CSQ*	167.3250 167.9	Convoy Repeater	Multi-Agency
IR 5 Direct for NC 1	A	N	169.5375 CSQ*	169.5375 167.9	Calling Direct	Multi-Agency
IR 6 Direct for IR 1	A	N	170.0125 CSQ*	170.0125 167.9	Command Direct	Multi-Agency
IR 7 Direct for IR 2	A	N	170.4125 CSQ*	170.4125 167.9	Med Evac Control Direct	Multi-Agency
IR 8 Direct for IR 3	A	N	170.6875 CSQ*	170.6875 167.9	Logistics Control Direct	Multi-Agency
IR 9 Direct for IR 4	A	N	173.0375 CSQ*	173.0375 167.9	Interagency Convoy Direct	Multi-Agency

*Default operation should be carrier squelch receive, CTCSS 167.9 transmit. If the user can enable/disable CTCSS without reprogramming the radio, the indicated CTCSS tone also could be programmed for receive, and the user instructed how and when to enable/disable.

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

C.7 Federal Law Enforcement (LE) VHF Channels

The Federal Interoperability Channel Plan show frequencies available for use by all Federal agencies to satisfy law enforcement and public safety incident response interoperability requirements.

The Federal Interoperability Channels are available for use among Federal agencies and between Federal agencies and non-federal entities with which Federal agencies have a requirement to operate. The channels are available to non-federal entities to enable joint Federal/non-federal operations for law enforcement and incident response, subject to the condition that harmful interference will not be caused to Federal stations. These channels are restricted to interoperability communications and are not authorized for routine or administrative uses.

Channel Name	Analog / Digital	Wide / Narrow	Subscriber RX and Tone	Subscriber TX and Tone	Primary Use	Agencies Supported
LE A	A	N	167.0875 CSQ*	167.0875 167.9	Calling	Law
LE 1	A	N	167.0875 CSQ*	162.0875 167.9	Tactical	Law
LE 2	D	N	167.2500 $68F	162.2625 $68F	Tactical	Law
LE 3	D	N	167.7500 $68F	162.3875 $68F	Tactical	Law
LE 4	D	N	168.1125 $68F	163.2875 $68F	Tactical	Law
LE 5	D	N	168.4625 $68F	163.4250 $68F	Tactical	Law
LE 6 Direct for LE 2	D	N	167.2500 $68F	167.2500 $68F	Tactical	Law
LE 7 Direct for LE 3	D	N	167.7500 $68F	167.7500 $68F	Tactical	Law
LE 8 Direct for LE 4	D	N	168.1125 $68F	168.1125 $68F	Tactical	Law
LE 9 Direct for LE 5	D	N	168.4625 $68F	168.4625 $68F	Tactical	Law

*Default operation should be carrier squelch receive, CTCSS 167.9 transmit. If the user can enable/disable CTCSS without reprogramming the radio, the indicated CTCSS tone also could be programmed for receive, and the user instructed how and when to enable/disable.

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

C.8 State UHF Inter-system Shared Channels

Channel Name	Analog / Digital	Wide / Narrow	Subscriber RX and Tone	Subscriber TX and Tone	Primary Use	Agencies Supported
None						

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

C.9 National Interoperable UHF Channels (Non Federal)

Channel Name	Analog / Digital	Wide / Narrow	Subscriber RX and Tone	Subscriber TX and Tone	Primary Use	Agencies Supported
UCALL40	A	N	453.21250 CSQ/156.7	458.21250 156.7	Inter-disciplinary Calling	Multi-Agency
UCALL40D	A	N	453.21250 CSQ/156.7	453.21250 156.7	Inter-disciplinary Calling	Multi-Agency
UTAC41	A	N	453.46250 CSQ/156.7	458.46250 156.7	Inter-disciplinary	Multi-Agency
UTAC41D	A	N	453.46250 CSQ/156.7	453.46250 156.7	Inter-disciplinary	Multi-Agency
UTAC42	A	N	453.71250 CSQ/156.7	458.71250 156.7	Inter-disciplinary	Multi-Agency
UTAC42D	A	N	453.71250 CSQ/156.7	453.71250 156.7	Inter-disciplinary	Multi-Agency
UTAC43	A	N	453.86250 CSQ/156.7	458.86250 156.7	Inter-disciplinary (SAR Interop)	Multi-Agency
UTAC43D	A	N	453.86250 CSQ/156.7	453.86250 156.7	Inter-disciplinary	Multi-Agency

***CTCSS Tones** – Default operation should be carrier squelch receive (CSQ), CTCSS Transmit. If the user can enable/disable without programming the radio, the indicated CTCSS tone also could be programmed for receive, and the user instructed how and when to enable/disable.

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

C.10 Federal Incident Response (IR) UHF Channels

The Federal Interoperability Channel Plan show frequencies available for use by all Federal agencies to satisfy law enforcement and public safety incident response interoperability requirements.

The Federal Interoperability Channels are available for use among Federal agencies and between Federal agencies and non-federal entities with which Federal agencies have a requirement to operate. The channels are available to non-federal entities to enable joint Federal/non-federal operations for law enforcement and incident response, subject to the condition that harmful interference will not be caused to Federal stations. These channels are restricted to interoperability communications and are not authorized for routine or administrative uses.

Channel Name	Analog / Digital	Wide / Narrow	Subscriber RX and Tone	Subscriber TX and Tone	Primary Use	Agencies Supported
NC 2	A	N	410.2375 CSQ*	419.2375 167.9	Repeater Calling	Multi-Agency
IR 10	A	N	410.4375 CSQ*	419.4375 167.9	Tactical Repeater	Multi-Agency
IR 11	A	N	410.6375 CSQ*	419.6375 167.9	Tactical Repeater	Multi-Agency
IR 12	A	N	410.8375 CSQ*	419.8375 167.9	Repeater SAR Cmnd	Multi-Agency
IR13	A	N	413.1875 CSQ*	413.1875 167.9	Direct Tactical	Multi-Agency
IR 14	A	N	413.2125 CSQ*	413.2125 167.9	Direct Tactical Convoy	Multi-Agency
IR 15 Direct for NC 2	A	N	410.2375 CSQ*	410.2375 167.9	Direct Calling	Multi-Agency
IR 16 Direct for IR 10	A	N	410.4375 CSQ*	410.4375 167.9	Direct Tactical	Multi-Agency
IR 17 Direct for IR 11	A	N	410.6375 CSQ*	410.6375 167.9	Direct Tactical	Multi-Agency
IR 18 Direct for IR 12	A	N	410.8375 CSQ*	410.8375 167.9	Direct SAR Cmnd	Multi-Agency

***CTCSS Tones** – Default operation should be carrier squelch receive (CSQ), CTCSS Transmit. If the user can enable/disable without programming the radio, the indicated CTCSS tone also could be programmed for receive, and the user instructed how and when to enable/disable.

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

C.11 Federal UHF Law Enforcement (LE) Channels

The Federal Interoperability Channel Plan show frequencies available for use by all Federal agencies to satisfy law enforcement and public safety incident response interoperability requirements.

The Federal Interoperability Channels are available for use among Federal agencies and between Federal agencies and non-federal entities with which Federal agencies have a requirement to operate. The channels are available to non-federal entities to enable joint Federal/non-federal operations for law enforcement and incident response, subject to the condition that harmful interference will not be caused to Federal stations. These channels are restricted to interoperability communications and are not authorized for routine or administrative uses.

Channel Name	Analog / Digital	Wide / Narrow	Subscriber RX and Tone	Subscriber TX and Tone	Primary Use	Agencies Supported
LE B	A	N	414.0375 CSQ	414.0375 167.9	Direct Calling Analog	Law
LE 10	A	N	409.9875 CSQ*	418.9875 167.9	Analog Tactical Repeater	Law
LE 11	D	N	410.1875 $68F	419.1875 $68F	Digital Tactical Repeater	Law
LE 12	D	N	410.6125 $68F	419.6125 $68F	Digital Tactical Repeater	Law
LE 13	D	N	414.0625 $68F	414.0625 $68F	Direct Tactical Digital	Law
LE 14	D	N	414.3125 $68F	414.3125 $68F	Direct Tactical Digital	Law
LE 15 Direct for LE B	D	N	414.3375 $68F	414.3375 $68F	Direct Tactical Digital	Law
LE 16 Direct for LE 10	D	N	409.9875 $68F	409.9875 $68F	Direct Tactical Analog	Law
LE 17 Direct for LE 11	D	N	410.1875 $68F	410.1875 $68F	Direct Tactical Digital	Law
LE 18 Direct for LE 12	D	N	410.6125 $68F	410.6125 $68F	Direct Tactical Digital	Law

***CTCSS Tones** – Default operation should be carrier squelch receive (CSQ), CTCSS Transmit. If the user can enable/disable without programming the radio, the indicated CTCSS tone also could be programmed for receive, and the user instructed how and when to enable/disable.

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

C.12 State of Illinois STARCOM21 Interoperability Template

		Zone									
		BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ
Mode	1	IESMA	RGN 2A	8CALL90D	7CALL50D	7MOB59D	7CALL70D	7MOB79D	7FTAC1D	7MTAC9D	7AG58D
	2	ILEAS	RGN 2B	8TAC91D	7TAC51D	7MOB59DA	7TAC71D	7MOB79DA	7FTAC2D	7NTAC10D	7AG58
	3	MABAS	RGN 3A	8TAC92D	7TAC52D	7LAW61D	7TAC72D	7LAW81D	7FTAC3D	7NTAC11D	7AG60D
	4	PUB HLTH	RGN 3B	8TAC93D	7TAC53D	7LAW62D	7TAC73D	7LAW82D	7GTAC4D	7NTAC12D	7AG60
	5	IPWMAN	RGN 4A	8TAC94D	7TAC54D	7FIRE63D	7TAC74D	7FIRE83D	7GTAC5D	7MTAC9	7AG67D
	6	INCDNT 1	RGN 4B	8CALL90	7TAC55D	7FIRE64D	7TAC75D	7FIRE84D	7LTAC6D	7NTAC10	7AG67
	7	INCDNT 2	RGN 6A	8TAC91	7TAC56D	7MED65D	7TAC76D	7MED86D	7LTAC7D	7NTAC11	7AG68D
	8	INCDNT 3	RGN 6B	8TAC92	7GTAC57D	7MED66D	7GTAC77D	7MED87D	7LTAC8D	7NTAC12	7AG68
	9	INCDNT 4	RGN 7A	8TAC93	7CALL50	7MOB59	7CALL70	7MOB79	7FTAC1		7AG78D
	10	INCDNT 5	RGN 7B	8TAC94	7TAC51	7MOB59A	7TAC71	7MOB79A	7FTAC2		7AG78
	11	NORTH A	RGN 8A		7TAC52	7LAW61	7TAC72	7LAW81	7FTAC3		7AG80D
	12	NORTH B	RGN 8B		7TAC53	7LAW62	7TAC73	7LAW82	7GTAC4		7AG80
	13	CENTER A	RGN 9A		7TAC54	7FIRE63	7TAC74	7FIRE83	7GTAC5		7AG85D
	14	CENTER B	RGN 9B		7TAC55	7FIRE64	7TAC75	7FIRE84	7LTAC6		7AG85
	15	SOUTH A	RGN 11A		7TAC56	7MED65	7TAC76	7MED86	7LTAC7		7AG88D
	16	SOUTH B	RGN 11B		7GTAC57	7MED66	7GTAC77	7MED87	7LTAC8		7AG88

State of Illinois STARCOM21 Interoperability Template Variations

3 Zone

		Zone		
		BA	BB	BC
Mode	1	IESMA	RGN 2A	8CALL90D
	2	ILEAS	RGN 2B	8TAC91D
	3	MABAS	RGN 3A	8TAC92D
	4	PUB HLTH	RGN 3B	8TAC93D
	5	IPWMAN	RGN 4A	8TAC94D
	6	INCDNT 1	RGN 4B	8CALL90
	7	INCDNT 2	RGN 6A	8TAC91
	8	INCDNT 3	RGN 6B	8TAC92
	9	INCDNT 4	RGN 7A	8TAC93
	10	INCDNT 5	RGN 7B	8TAC94
	11	NORTH A	RGN 8A	
	12	NORTH B	RGN 8B	
	13	CENTER A	RGN 9A	
	14	CENTER B	RGN 9B	
	15	SOUTH A	RGN 11A	
	16	SOUTH B	RGN 11B	

Single Zone

		Single Zone
		BA
Mode	1	IESMA
	2	ILEAS
	3	MABAS
	4	PUB HLTH
	5	IPWMAN
	6	INCDNT 1
	7	(NORTH/CENTER/SOUTH) A
	8	(NORTH/CENTER/SOUTH) B
	9	RGN XA
	10	RGN XB
	11	8CALL90D
	12	8TAC91D
	13	8TAC92D
	14	8CALL90
	15	8TAC91
	16	8TAC92

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

C.13 State 700 MHz Inter-system Shared Channels (Non Federal)

Channel Name	Analog / Digital	Wide / Narrow	Subscriber RX and Tone	Subscriber Tx and Tone	Template Zone/Mode	Primary Use	Agencies Supported
NATIONAL INTEROPERABLE 700 MHz CHANNELS							
NEW ILLINOIS INTEROPERABLE STARCOM21 TEMPLATE ZONES BD thru BI							
7CALL50	D	N	769.24375 $F7E	799.24375 $293	Zone BD Mode 9	Calling Repeater	Multi-Agency Calling
7CALL50D	D	N	769.24375 $F7E	769.24375 $293	Zone BD Mode 1	Calling Simplex	Multi-Agency Calling
7TAC51	D	N	769.14375 $F7E	799.14375 $293	Zone BD Mode 10	Tactical Repeater	Multi-Agency
7TAC51D	D	N	769.14375 $F7E	769.14375 $293	Zone BD Mode 2	Tactical Simplex	Multi-Agency
7TAC52	D	N	769.64375 $F7E	799.64375 $293	Zone BD Mode 11	Tactical Repeater	Multi-Agency
7TAC52D	D	N	769.64375 $F7E	769.64375 $293	Zone BD Mode 3	Tactical Simplex	Multi-Agency
7TAC53	D	N	770.14375 $F7E	800.14375 $293	Zone BD Mode 12	Tactical Repeater	Multi-Agency
7TAC53D	D	N	770.14375 $F7E	770.14375 $293	Zone BD Mode 4	Tactical Simplex	Multi-Agency
7TAC54	D	N	770.64375 $F7E	800.64375 $293	Zone BD Mode 13	Tactical Repeater	Multi-Agency
7TAC54D	D	N	770.64375 $F7E	770.64375 $293	Zone BD Mode 5	Tactical Simplex	Multi-Agency
7TAC55	D	N	769.74375 $F7E	799.74375 $293	Zone BD Mode 14	Tactical Repeater	Multi-Agency
7TAC55D	D	N	769.74375 $F7E	769.74375 $293	Zone BD Mode 6	Tactical Simplex	Multi-Agency
7TAC56	D	N	770.24375 $F7E	800.24375 $293	Zone BD Mode 7	Tactical Repeater	Multi-Agency
7TAC56D	D	N	770.24375 $F7E	770.24375 $293	Zone BD Mode 15	Tactical Simplex	Multi-Agency
7GTAC57	D	N	770.99375 $F7E	800.99375 $293	Zone BD Mode 8	Tactical Repeater	Public Service
7GTAC57D	D	N	770.99375 $F7E	770.99375 $293	Zone BD Mode 16	Tactical Simplex	Public Service
7MOB59	D	N	770.89375 $F7E	800.89375 $293	Zone BE Zone 9	Mobile Repeater	Multi-Agency
7MOB59D	D	N	770.89375 $F7E	770.89375 $293	Zone BE Mode 1	Mobile Simplex	Multi-Agency
7LAW61	D	N	770.39375 $F7E	800.39375 $293	Zone BE Mode 11	Tactical Repeater	Law
7LAW61D	D	N	770.39375 $F7E	770.39375 $293	Zone BE Mode 3	Tactical Simplex	Law
7LAW62	D	N	770.49375 $F7E	800.49375 $293	Zone BE Mode 12	Tactical Repeater	Law
7LAW62D	D	N	770.49375 $F7E	770.49375 $293	Zone BE Mode 4	Tactical Simplex	Law

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

Channel Name	Analog / Digital	Wide / Narrow	Subscriber RX and Tone	Subscriber Tx and Tone	Template Zone/Mode	Primary Use	Agencies Supported
7FIRE63	D	N	769.89375 $F7E	799.89375 $293	Zone BE Mode 13	Tactical Repeater	Fire
7FIRE63D	D	N	769.89375 $F7E	769.89375 $293	Zone BE Mode 5	Tactical Simplex	Fire
7FIRE64	D	N	769.99375 $F7E	799.99375 $293	Zone BE Mode 14	Tactical Repeater	Fire
7FIRE64D	D	N	769.99375 $F7E	769.99375 $293	Zone BE Mode 6	Tactical Simplex	Fire
7MED65	D	N	769.39375 $F7E	799.39375 $293	Zone BE Mode 15	Tactical Repeater	EMS
7MED65D	D	N	769.39375 $F7E	769.39375 $293	Zone BE Mode 7	Tactical Simplex	EMS
7MED66	D	N	769.49375 $F7E	799.49375 $293	Zone BE Mode 16	Tactical Repeater	EMS
7MED66D	D	N	769.49375 $F7E	769.49375 $293	Zone BE Mode 8	Tactical Simplex	EMS
7CALL70	D	N	773.25625 $F7E	803.25625 $293	Zone BF Mode 9	Calling Repeater	Multi-Agency Calling
7CALL70D	D	N	773.25625 $F7E	773.25625 $293	Zone BF Mode 1	Calling Simplex	Multi-Agency Calling
7TAC71	D	N	773.10625 $F7E	803.10625 $293	Zone BF Mode 10	Tactical Repeater	Multi-Agency
7TAC71D	D	N	773.10625 $F7E	773.10625 $293	Zone BF Mode 2	Tactical Simplex	Multi-Agency
7TAC72	D	N	773.60625 $F7E	803.60625 $293	Zone BF Mode 11	Tactical Repeater	Multi-Agency
7TAC72D	D	N	773.60625 $F7E	773.60625 $293	Zone BF Mode 3	Tactical Simplex	Multi-Agency
7TAC73	D	N	774.10625 $F7E	804.10625 $293	Zone BF Mode 12	Tactical Repeater	Multi-Agency
7TAC73D	D	N	774.10625 $F7E	774.10625 $293	Zone BF Mode 4	Tactical Simplex	Multi-Agency
7TAC74	D	N	774.60625 $F7E	804.60625 $293	Zone BF Mode 13	Tactical Repeater	Multi-Agency
7TAC74D	D	N	774.60625 $F7E	774.60625 $293	Zone BF Mode 5	Tactical Simplex	Multi-Agency
7TAC75	D	N	773.75625 $F7E	803.75625 $293	Zone BF Mode 14	Tactical Repeater	Multi-Agency
7TAC75D	D	N	773.75625 $F7E	773.75625 $293	Zone BF Mode 6	Tactical Simplex	Multi-Agency
7TAC76	D	N	774.25625 $F7E	804.25625 $293	Zone BF Mode 15	Tactical Repeater	Multi-Agency
7TAC76D	D	N	774.25625 $F7E	774.25625 $293	Zone BF Mode 7	Tactical Simplex	Multi-Agency
7GTAC77	D	N	774.85625 $F7E	804.85625 $293	Zone BF Mode 16	Tactical Repeater	Public Service
7GTAC77D	D	N	774.85625 $F7E	774.85625 $293	Zone BF Mode 8	Tactical Simplex	Public Service

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

Channel Name	Analog / Digital	Wide / Narrow	Subscriber RX and Tone	Subscriber Tx and Tone	Template Zone/Mode	Primary Use	Agencies Supported
7MOB79	D	N	774.50625 $F7E	804.50625 $293	Zone BG Mode 9	Mobile Repeater	Multi-Agency
7MOB79D	D	N	774.50625 $F7E	774.50625 $293	Zone BG Mode 1	Mobile Simplex	Multi-Agency
7LAW81	D	N	774.00625 $F7E	804.00625 $293	Zone BG Mode 11	Tactical Repeater	Law
7LAW81D	D	N	774.00625 $F7E	774.00625 $293	Zone BG Mode 3	Tactical Simplex	Law
7LAW82	D	N	774.35625 $F7E	804.35625 $293	Zone BG Mode 12	Tactical Repeater	Law
7LAW82D	D	N	774.35625 $F7E	774.35625 $293	Zone BG Mode 4	Tactical Simplex	Law
7FIRE83	D	N	773.50625 $F7E	803.50625 $293	Zone BG Mode 13	Tactical Repeater	Fire
7FIRE83D	D	N	773.50625 $F7E	773.50625 $293	Zone BG Mode 5	Tactical Simplex	Fire
7FIRE84	D	N	773.85625 $F7E	803.85625 $293	Zone BG Mode 14	Tactical Repeater	Fire
7FIRE84D	D	N	773.85625 $F7E	773.85625 $293	Zone BB Mode 6	Tactical Simplex	Fire
7MED86	D	N	773.00625 $F7E	803.00625 $293	Zone BG Mode 15	Tactical Repeater	EMS
7MED86D	D	N	773.00625 $F7E	773.00625 $293	Zone BG Mode 7	Tactical Simplex	EMS
7MED87	D	N	773.35625 $F7E	803.35625 $293	Zone BG Mode 16	Tactical Repeater	EMS
7MED87D	D	N	773.35625 $F7E	773.35625 $293	Zone BG Mode 8	Tactical Simplex	EMS
7FTAC1 Low Power	A	N	769.00625 156.7	799.00625 156.7	Zone BH Mode 9	Tactical Repeater	Multi-Agency
7FTAC1D Low Power	A	N	769.00625 156.7	769.00625 156.7	Zone BH Mode 1	Tactical Simplex	Multi-Agency
7FTAC2 Low Power	A	N	774.93125 156.7	804.93125 156.7	Zone BH Mode 10	Tactical Repeater	Multi-Agency
7FTAC2D Low Power	A	N	774.93125 156.7	774.93125 156.7	Zone BH Mode 2	Tactical Simplex	Multi-Agency
7FTAC3 Low Power	A	N	769.04375 156.7	799.04375 156.7	Zone BH Mode 11	Tactical Repeater	Multi-Agency
7FTAC3D Low Power	A	N	769.04375 156.7	769.04375 156.7	Zone BH Mode 3	Tactical Simplex	Multi-Agency
7GTAC4 Low Power	A	N	769.03125 156.7	799.03125 156.7	Zone BH Mode 12	Tactical Repeater	Multi-Agency
7GTAC4D Low Power	A	N	769.03125 156.7	769.03125 156.7	Zone BH Mode 4	Tactical Simplex	Multi-Agency
7GTAC5 Low Power	A	N	774.95625 156.7	804.95625 156.7	Zone BH Mode 13	Tactical Repeater	Multi-Agency
7GTAC5D Low Power	A	N	774.95625 156.7	774.95625 156.7	Zone BH Zone 5	Tactical Simplex	Multi-Agency

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

Channel Name	Analog / Digital	Wide / Narrow	Subscriber RX and Tone	Subscriber Tx and Tone	Template Zone/Mode	Primary Use	Agencies Supported
7LTAC6 Low Power	A	N	769.01875 156.7	799.01875 156.7	Zone BH Mode 14	Tactical Repeater	Multi-Agency
7LTAC6D Low Power	A	N	769.01875 156.7	769.01875 156.7	Zone BH Mode 6	Tactical Simplex	Multi-Agency
7LTAC7 Low Power	A	N	774.94375 156.7	804.94375 156.7	Zone BH Mode 15	Tactical Repeater	Multi-Agency
7LTAC7D Low Power	A	N	774.94375 156.7	774.94375 156.7	Zone BH Mode 7	Tactical Simplex	Multi-Agency
7LTAC8 Low Power	A	N	774.98125 156.7	804.98125 156.7	Zone BH Mode 16	Tactical Repeater	Multi-Agency
7LTAC8D Low Power	A	N	774.98125 156.7	774.98125 156.7	Zone BH Mode 8	Tactical Simplex	Multi-Agency
7MTAC9 Low Power	A	N	774.96875 156.7	804.96875 156.7	Zone BI Mode 5	Tactical Repeater	Multi-Agency
7MTAC9D Low Power	A	N	774.96875 156.7	774.96875 156.7	Zone BI Mode 1	Tactical Simplex	Multi-Agency
7NTAC10 Low Power	A	N	769.05625 156.7	799.05625 156.7	Zone BI Mode 6	Tactical Repeater	Multi-Agency
7NTAC10D Low Power	A	N	769.05625 156.7	769.05625 156.7	Zone BI Mode 2	Tactical Simplex	Multi-Agency
7NTAC11 Low Power	A	N	769.06875 156.7	799.06875 156.7	Zone BI Mode 7	Tactical Repeater	Multi-Agency
7NTAC11D Low Power	A	N	769.06875 156.7	769.06875 156.7	Zone BI Mode 3	Tactical Simplex	Multi-Agency
7NTAC12 Low Power	A	N	774.99375 156.7	804.99375 156.7	Zone BI Mode 8	Tactical Repeater	Multi-Agency
7NTAC12D Low Power	A	N	774.99375 156.7	774.99375 156.7	Zone BI Mode 4	Tactical Simplex	Multi-Agency

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

C.14 700 MHz Air to Ground Channels (Non Federal)

The following channels are set aside for air-to-ground use. FCC RPC Regions 13 and 54 have given these channels specific names that are structured in a similar fashion to the nationwide digital channels. States are responsible for the administration of these channels. **THESE CHANNELS REQUIRE A LICENSE**.

Channel Name	Analog / Digital	Wide / Narrow	Subscriber RX and Tone	Subscriber Tx and Tone	Template Zone/Mode	Primary Use	Agencies Supported
NATIONAL INTEROPERABLE 700 MHz CHANNELS							
NEW ILLINOIS INTEROPERABLE STARCOM21 TEMPLATE ZONE BJ							
7AG58D	D	N	769.13125	769.13125	Zone BJ Mode 1	Air - Ground	Multi-Agency
7AG58	D	N	769.13125	799.13125	Zone BJ Mode 2	Air - Ground	Multi-Agency
7AG60D	D	N	769.63125	769.63125	Zone BJ Mode 3	Air - Ground	Multi-Agency
7AG60	D	N	769.63125	799.63125	Zone BJ Mode 4	Air - Ground	Multi-Agency
7AG67D	D	N	770.13125	770.13125	Zone BJ Mode 5	Air - Ground	Multi-Agency
7AG67	D	N	770.13125	800.13125	Zone BJ Mode 6	Air - Ground	Multi-Agency
7AG68D	D	N	770.63125	770.63125	Zone BJ Mode 7	Air - Ground	Multi-Agency
7AG68	D	N	770.63125	800.63125	Zone BJ Mode 8	Air - Ground	Multi-Agency
7AG78D	D	N	773.11875	773.11875	Zone BJ Mode 9	Air - Ground	Multi-Agency
7AG78	D	N	773.11875	803.11875	Zone BJ Mode 10	Air - Ground	Multi-Agency
7AG80D	D	N	773.61875	773.61875	Zone BJ Mode 11	Air - Ground	Multi-Agency
7AG80	D	N	773.61875	803.61875	Zone BJ Mode 12	Air - Ground	Multi-Agency
7AG85D	D	N	774.11875	774.11875	Zone BJ Mode 13	Air - Ground	Multi-Agency
7AG85	D	N	774.11875	804.11875	Zone BJ Mode 14	Air - Ground	Multi-Agency
7AG88D	D	N	774.61875	774.61875	Zone BJ Mode 15	Landing Zone*	Multi-Agency
7AG88	D	N	774.61875	804.61875	Zone BJ Mode 16	Landing Zone*	Multi-Agency

* 7AG88D is recommended for Landing Zone use.

TX NAC: $293 (659 10). RX NAC $F7E (3966 10). These channels are reserved for air-ground communications to be used by low-altitude aircraft and ground based stations: See FCC rule 90.531(7). (i) Airborne use of these channels is limited to aircraft flying at or below 457 meters (1500 feet) above ground level. (ii) Aircraft are limited to 2 watts effective radiated power (ERP) when transmitting while airborne on these channels. (iii) Aircraft may transmit on either the mobile or base transmit side of the channel pair.

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

C.15 State 800 MHz Inter-system Shared Channels (Non Federal)

Channel Name	Analog / Digital	Wide / Narrow	Subscriber Rx and Tone	Subscriber Tx and Tone	Template Zone/Mode	Primary Use	Agencies Supported
8CAL90	A	N	851.01250 156.7	806.01250 156.7	Zone BC Mode 6	Calling repeater	Multi-Agency
8CAL90D	A	N	851.01250 156.7	851.01250 156.7	Zone BC Mode 1	Calling Simplex	Multi-Agency
8TAC91	A	N	851.51250 156.7	806.51250 156.7	Zone BC Mode 7	Tactical Repeater	Multi-Agency
8TAC91D	A	N	851.51250 156.7	851.51250 156.7	Zone BC Mode 2	Tactical Simplex	Multi-Agency
8TAC92	A	N	852.01250 156.7	807.01250 156.7	Zone BC Mode 8	Tactical Repeater	Multi-Agency
8TAC92D	A	N	852.01250 156.7	852.01250 156.7	Zone BC Mode 3	Tactical Simplex	Multi-Agency
8TAC93	A	N	852.51250 156.7	807.51250 156.7	Zone BC Mode 9	Tactical Repeater	Multi-Agency
8TAC93D	A	N	852.51250 156.7	852.51250 156.7	Zone BC Mode 4	Tactical Simplex	Multi-Agency
8TAC94 (SAR Interop)	A	N	853.01250 156.7	808.01250 156.7	Zone BC Mode 10	Tactical Repeater	Multi-Agency
8TAC94D	A	N	853.01250 156.7	853.01250 156.7	Zone BC Mode 5	Tactical Simplex	Multi-Agency

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

C.16 State 700/800 MHz STARCOM21 Inter-system Shared Talkgroups

Channel Name	Analog / Digital	Wide / Narrow	Template Zone/Mode	TG ID	Primary Use	Agencies Supported
ILLINOIS INTEROPERABLE STARCOM21 TEMPLATE TALKGROUPS IN ZONES BA thru BB						
IESMA	D	N	Zone BA Mode 1	N/A	Inter-disciplinary	Emergency Management
ILEAS	D	N	Zone BA Mode 2	N/A	Inter-disciplinary	Law
MABAS	D	N	Zone BA Mode 3	N/A	Inter-disciplinary	Fire
PUB HLTH	D	N	Zone BA Mode 4	N/A	Inter-disciplinary	Emergency Medical
IPWMAN	D	N	Zone BA Mode 5	N/A	Inter-disciplinary	Public Works
INCDNT 1	D	N	Zone BA Mode 6	N/A	Command & Control	Multi-Agency
INCDNT 2	D	N	Zone BA Mode 7	N/A	Command & Control	Multi-Agency
INCDNT 3	D	N	Zone BA Mode 8	N/A	Command & Control	Multi-Agency
INCDNT 4	D	N	Zone BA Mode 9	N/A	Command & Control	Multi-Agency
INCDNT 5	D	N	Zone BA Mode 10	N/A	Command & Control	Multi-Agency
NORTH A	D	N	Zone BA Mode 11	N/A	North Interop	Multi-Agency
NORTH B	D	N	Zone BA Mode 12	N/A	North Interop	Multi-Agency
CENTER A	D	N	Zone BA Mode 13	N/A	Central Interop	Multi-Agency
CENTER B	D	N	Zone BA Mode 14	N/A	Central Interop	Multi-Agency
SOUTH A	D	N	Zone BA Mode 15	N/A	South Interop	Multi-Agency
SOUTH B	D	N	Zone BA Mode 16	N/A	South Interop	Multi-Agency
RGN 2A	D	N	Zone BB Mode 1	N/A	Region 2 Interop	Multi-Agency
RGN 2B	D	N	Zone BB Mode 2	N/A	Region 2 Interop	Multi-Agency
RGN 3A	D	N	Zone BB Mode 3	N/A	Region 3 Interop	Multi-Agency
RGN 3B	D	N	Zone BB Mode 4	N/A	Region 3 Interop	Multi-Agency
RGN 4A	D	N	Zone BB Mode 5	N/A	Region 4 Interop	Multi-Agency
RGN 4B	D	N	Zone BB Mode 6	N/A	Region 4 Interop	Multi-Agency

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

Channel Name	Analog / Digital	Wide / Narrow	Template Zone/Mode	TG ID	Primary Use	Agencies Supported
RGN 6A	D	N	Zone BB Mode 7	N/A	Region 6 Interop	Multi-Agency
RGN 6B	D	N	Zone BB Mode 8	N/A	Region 6 Interop	Multi-Agency
RGN 7A	D	N	Zone BB Mode 9	N/A	Region 7 Interop	Multi-Agency
RGN 7B	D	N	Zone BB Mode 10	N/A	Region 7 Interop	Multi-Agency
RGN 8A	D	N	Zone BB Mode 11	N/A	Region 8 Interop	Multi-Agency
RGN 8B	D	N	Zone BB Mode 12	N/A	Region 8 Interop	Multi-Agency
RGN 9A	D	N	Zone BB Mode 13	N/A	Region 9 Interop	Multi-Agency
RGN 9B	D	N	Zone BB Mode 14	N/A	Region 9 Interop	Multi-Agency
RGN 11A	D	N	Zone BB Mode 15	N/A	Region 11 Interop	Multi-Agency
RGN 11B	D	N	Zone BB Mode 16	N/A	Region 11 Interop	Multi-Agency
TOLLWAY Talkgroups						
SPEVT 1 A-B	D	N	N/A	N/A	Law ISP	ISP Not Tollway
SPEVT 2 A-B	D	N	N/A	N/A	Law ISP	ISP Not Tollway
SPEVT 3 A-B	D	N	N/A	N/A	Law ISP	ISP Not Tollway
TOLLWAY	D	N	N/A	N/A	Inter-disciplinary	Multi-Agency
TW LISLE IRCH	D	N	N/A	N/A	Inter-disciplinary	Multi-Agency
TW RCHL IRCH	D	N	N/A	N/A	Inter-disciplinary	Multi-Agency
TW M7 IRCH	D	N	N/A	N/A	Inter-disciplinary	Multi-Agency
TW PL10 IRCH	D	N	N/A	N/A	Inter-disciplinary	Multi-Agency
TW PL23 IRCH	D	N	N/A	N/A	Inter-disciplinary	Multi-Agency
TW PL36 IRCH	D	N	N/A	N/A	Inter-disciplinary	Multi-Agency
TW 15-ISPERN	D	N	N/A	N/A	Police Interoperability	Law
TW Maint-N	D	N	N/A	N/A	Highway Maintenance	Tollway and IDOT
TW Maint-S	D	N	N/A	N/A	Highway Maintenance	Tollway and IDOT
TW Alternate	D	N	N/A	N/A	Highway Maintenance	Tollway and IDOT

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

Appendix D **Gateways**

Detailed information on gateways available for use within the state is listed on subsequent pages of Appendix D. The table below lists the owning or managing agency, gateway name(s), make/model and whether the device is fixed or mobile.

No gateway can be activated onto the STARCOM21 radio platform without the prior approval of the STARCOM21 Oversight Committee. This approval is granted after application to the Oversight Committee for the future use of the gateway in anticipation of using the gateway for incidents and events. The application is not done during incidents or events.

D.1 State Gateways

Gateway Name	Owning Agency	Location	Day-to-Day or Incident / Event (I/E)	Make / Model	Fixed / Mobile
IDOT	IDOT Consoles may be able to provide a console Patch.	Consult Dispatch Center Contact info in Appendix A	I/E	MCU 7500	Fixed
IEMA Dispatch	IEMA Consoles may be able to provide a console Patch.	Springfield	I/E	MCU 7500	Fixed
IEMA ICRI	IEMA	Springfield	I/E	C-AT ICRI	Mobile
ILEAS ICRI)one per team)	ILEAS	Statewide – Assigned to Special Teams	I/E	C-AT ICRI	Mobile
ILEAS ICRI	ILEAS	Urbana	I/E	C-AT ICRI	Mobile
ISP	ISP Consoles may be able to provide a console Patch.	Consult Dispatch Center Contact info	Both	MCU7500	Fixed
ISSP ICRI	ISSP	Springfield	I/E	C-AT ICRI	Mobile
ITECS 2	Winnebago SO	Rockford	I/E	ACU1000	Mobile
ITECS 3	Will EMA	Joliet	I/E	ACU1000	Mobile
ITECS 4	DuPage OHSEM	Wheaton	I/E	ACU1000	Mobile
ITECS 5	Chicago OEMC	Chicago	I/E	ACU1000	Mobile
ITECS 6	Springfield PD	Springfield	I/E	ACU1000	Mobile
ITECS 7	Champaign FD	Champaign	I/E	ACU1000	Mobile
ITECS 8	St. Clair EMA	Bellville	I/E	ACU1000	Mobile
ITECS 9	Crawford EMA	Robinson	I/E	ACU1000	Mobile
ITECS 11	City of Marion	Marion	I/E	ACU1000	Mobile
Tollway Console	Tollway Consoles may be able to provide a console Patch.	Downers Grove Consult Dispatch Center Contact info	Both	MCU7500	Fixed

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

No gateway can be activated onto the STARCOM21 radio platform without the prior approval of the STARCOM21 Oversight Committee. This approval is granted after application to the Oversight Committee for the future use of the gateway in anticipation of using the gateway for incidents and events. The application is not done during incidents or events.

D.2 IDOT Central through Dist. 9 Console

Location:
Statewide

Service Area:
Statewide – Per District

Participating Agencies
Based on needs of agencies participating in event or incident

Other Gateway Notes:
MCU 7500 Console

Can Patch
##-Low Band
##-VHF
##-UHF
##-700/800 Conventional
##-700/800 STARCOM21

D.2a IDOT Central through Dist. 9 Deployment/Activation

Asset Location (Address): __ Statewide

Deployment Contact: _____ 7x24 Phone: _Call Local Dispatch Facilities_____
Name: _____ Phone: _____
Email: _____ EMnet: _____

Coordinating Agency (Main)	Tom Korty	IDOT	thomas.korty@illinois.gov	217.782.2937
Coordinating Agency (Alt)	Name	Agency	Email	Bus phone 24 hr phone
Resource Agency (Main)	Name	Agency	Email	Bus phone 24 hr phone
Resource Agency (Alt)	Name	Agency	Email	Bus phone 24 hr phone

Timing
Lead time to deploy: During work day ____1___ hr After Hours __3__ hrs
Time to set up after arrival on scene: __N/A

Transportation
Delivery: __N/A____Fixed_____(i.e. Needs to be picked up or it is delivered)
Method: __N/A____Fixed_____ (i.e. Self-propelled, trailer with truck, trailer only)

On Scene:
Footprint: __N/A_____ sq. ft. Security Required? Y/N Type: _____N/A Fixed_____

Team Staff Considerations
# of staff to transport: __N/A__ # of staff per operational period: _N/A___
Limits on staff hours of work per day: __None_____

Number of days initial staff will remain on scene: _N/A___
Who schedules staff rotation:__N/A_____
Outside (commercial) personnel required: No who schedules: _N/A_____

Team is self-sufficient for:__N/A
Support needed after self-sufficient period: Food:__No Water: No Housing: No
Special Needs: ____None_____

Comments / Notes / Special Considerations:
_____
_____

Updated as of 01/06/2012

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

D.3 IEMA Dispatch Console

Location:
Springfield

Service Area:
Springfield and surrounding area

Participating Agencies
Based on needs of agencies participating in event or incident

Other Gateway Notes:
Gold Elite

How many radios in each band **Service Area (Description of coverage)**
##-Low Band
##-VHF
##-UHF
##-700/800 Conventional
##-700/800 Trunked
##-700/800 STARCOM21

List What Channels (Frequency and Name) each radio has programmed

CH	VHF Low Band	VHF High Band	UHF	700/800 MHz Conv	700/ 800 MHz Trunked TGs	STARCOM21 TGs
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

Notes:

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

D.3a IEMA Dispatch Console Deployment/Activation

Asset Location (Address): __ Springfield

Deployment Contact (or Asset Dispatch Center): 7x24 Phone: 800.782.7860
Name: IEMA Dispatch Phone: 217.782.7860
Email: ema.dispatcher@illinois.gov EMnet: IL.000

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)	Paul Rasch	IEMA	Paul.Rasch@illinois.gov	217-558-5127 800.782.7860
Resource Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Resource Agency (Alt)				

Timing
Lead time to deploy: During work day ____1hr After Hours __1hr
Time to set up after arrival on scene: __N/A

Transportation
Delivery: __N/A____Fixed_____(i.e. Needs to be picked up or it is delivered)
Method: __N/A____Fixed_____ (i.e. Self-propelled, trailer with truck, trailer only)

On Scene:
Footprint: __N/A_____ sq. ft. Security Required? No Type: _____N/A Fixed___

Team Staff Considerations
# of staff to transport: __N/A__ # of staff per operational period: _N/A___
Limits on staff hours of work per day: __None_____

Number of days initial staff will remain on scene: _N/A___
Who schedules staff rotation:__N/A_____
Outside (commercial) personnel required: No who schedules: _N/A_____

Team is self-sufficient for:__N/A
Support needed after self-sufficient period: Food:__No Water: No Housing: No
Special Needs: ____None_____

Comments / Notes / Special Considerations:
_____
_____

Updated as of 01/06/2012

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

D.4 IEMA ICRI

Location:
Springfield

Service Area:
Statewide

Participating Agencies
Based on needs of agencies participating in event or incident

Other Gateway Notes:
ICRI

How many radios in each band **Service Area (Description of coverage)**
##-Low Band
##-VHF
##-UHF
##-700/800 Conventional
##-700/800 Trunked
##-700/800 STARCOM21

List What Channels (Frequency and Name) each radio has programmed

CH	VHF Low Band	VHF High Band	UHF	700/800 MHz Conv	700/ 800 MHz Trunked TGs	STARCOM21 TGs
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

Notes:

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

D.4a IEMA ICRI Deployment/Activation

Asset Location (Address): __ Springfield

Deployment Contact (or Asset Dispatch Center): 7x24 Phone: 800.782.7860
Name: IEMA Dispatch Phone: 217.782.7860
Email: ema.dispatcher@illinois.gov EMnet: IL.000

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				
Resource Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Resource Agency (Alt)				

Timing
Lead time to deploy: During work day ____1hr After Hours __1hr
Time to set up after arrival on scene: __N/A

Transportation
Delivery: __Needs to be picked up/Delivery may be requested
Method: __N/A__Comes in a Box/Case

On Scene:
Footprint: __6 sq. ft. Security Required? No Type: Needs to be stored in a secure location

Team Staff Considerations
# of staff to transport: __1___ # of staff per operational period: _1___
Limits on staff hours of work per day: __None_____

Number of days initial staff will remain on scene: _N/A___
Who schedules staff rotation:__N/A_____
Outside (commercial) personnel required: No who schedules: _N/A_____

Team is self-sufficient for:__N/A
Support needed after self-sufficient period: Food:__No Water: No Housing: No
Special Needs: ____None_____

Comments / Notes / Special Considerations:
__Power_____
_____

Updated as of 01/06/2012

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

D.5 ILEAS ICRI

Location:
1 per SRT, 1 per MFF Team and 1 at ILEAS

Service Area:
Statewide

Participating Agencies
Based on needs of agencies participating in event or incident

Other Gateway Notes:
Cables – XTS5000 – XTL5000 – HT1250 - APX – HT-1250

How many radios in each band **Service Area (Description of coverage)**
##-Low Band
##-VHF
##-UHF
##-700/800 Conventional
##-700/800 Trunked
##-700/800 STARCOM21

List What Channels (Frequency and Name) each radio has programmed

CH	VHF Low Band	VHF High Band	UHF	700/800 MHz Conv	700/ 800 MHz Trunked TGs	STARCOM21 TGs
1		VTAC36				
2		VTAC37				
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

Notes:

Updated as of 01/06/2012

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

D.5a ILEAS ICRI Deployment/Activation

Asset Location (Address): __Statewide - 1 per SRT, 1 per MFF Team and 1 at ILEAS

Deployment Contact (or Asset Dispatch Center): 7x24 Phone: 847-590-3500
Name: ILEAS Mutual Aid Primary Phone: 847-590-3500
Email: ileas@nwcds.org EMnet:

Coordinating Agency (Main)	Russ Gentry	ILEAS	rlgentry@ileas.org	618.973.0139
Coordinating Agency (Alt)				
Resource Agency (Main)	Russ Gentry	ILEAS	rlgentry@ileas.org	618.973.0139
Resource Agency (Alt)				

Timing
Lead time to deploy: During work day ____1hr After Hours __1hr
Time to set up after arrival on scene: __N/A

Transportation
Delivery: __Needs to be picked up/Delivery may be requested
Method: __N/A__Comes in a Box/Case

On Scene:
Footprint: __6 sq. ft. Security Required? No Type: Needs to be stored in a secure location

Team Staff Considerations
# of staff to transport: __1___ # of staff per operational period: _1___
Limits on staff hours of work per day: __None_____

Number of days initial staff will remain on scene: _N/A___
Who schedules staff rotation:__N/A_____
Outside (commercial) personnel required: No who schedules: _N/A_____

Team is self-sufficient for:__N/A
Support needed after self-sufficient period: Food:__No Water: No Housing: No
Special Needs: ____None_____

Comments / Notes / Special Considerations:
_AC / DC Power_____

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

D.6 ISP D01 through D22 Console

Location:
Statewide – in Districts

Service Area:
Statewide

Participating Agencies
Based on needs of agencies participating in event or incident

Other Gateway Notes:
MCU7500 - 1 Patch Available

Can Patch
##-VHF (State Channels)

##-700/800 Conventional
##-700/800 STARCOM21

Call Dist. Dispatch Center to see if available – Appendix A

Updated as of 01/17/2017

D.6a ISP D01 through D22 Console Deployment/Activation

Asset Location (Address): __ Sterling, Chicago, Springfield, Pontiac Collinsville, Du Quoin

Deployment Contact (or Asset Dispatch Center):
Name: __Dispatch_____
Email: _____

7x24 Phone: _Call Districts
Phone: _____
EMnet: _____

Coordinating Agency (Main)	Lambert Fleck	ISP	lambert.fleck@isp.state.il.us	217-720-3343
Coordinating Agency (Alt)	Felix Canizares	ISP	felix.canizares@isp.state.il.us	217.524.2367
Resource Agency (Main)	Lambert Fleck	ISP	lambert.fleck@isp.state.il.us	217-720-3343
Resource Agency (Alt)	Felix Canizares	Agency	felix.canizares@isp.state.il.us	217.524.2367

Timing
Lead time to deploy: During work day ____1hr After Hours __3hrs
Time to set up after arrival on scene: __N/A

Transportation
Delivery: __N/A____Fixed_____(i.e. Needs to be picked up or it is delivered)
Method: __N/A____Fixed_____ (i.e. Self-propelled, trailer with truck, trailer only)

On Scene:
Footprint: __N/A_____ sq. ft. Security Required? No Type: _____N/A Fixed__

Team Staff Considerations
# of staff to transport: __N/A__ # of staff per operational period: _N/A__
Limits on staff hours of work per day: __None_____

Number of days initial staff will remain on scene: _N/A___
Who schedules staff rotation: __N/A_____
Outside (commercial) personnel required: No who schedules: _N/A_____

Team is self-sufficient for:__N/A
Support needed after self-sufficient period: Food:__No Water: No Housing: No
Special Needs: ____None_____

Comments / Notes / Special Considerations:
2 Nets Available

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

D.7 ISSP ICRI

Location:
Springfield

Service Area:
Statewide

Participating Agencies
Based on needs of agencies participating in event or incident

Other Gateway Notes:
ICRI
Cable – XTS5000

How many radios in each band **Service Area (Description of coverage)**
##-Low Band
##-VHF
##-UHF
##-700/800 Conventional
##-700/800 Trunked
##-700/800 STARCOM21

List What Channels (Frequency and Name) each radio has programmed

CH	VHF Low Band	VHF High Band	UHF	700/800 MHz Conv	700/ 800 MHz Trunked TGs	STARCOM21 TGs
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

Notes:

Updated as of 01/06/2012

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

D.7a ISSP ICRI Deployment/Activation

Asset Location (Address): __ Springfield

Deployment Contact (or Asset Dispatch Center): 7x24 Phone: 217.685.0180
Name: Greg Patterson Phone: 217.685.0180
Email: gpatterson@ilsos.net EMnet:

Coordinating Agency (Main)	Greg Patterson	ISSP	gpatterson@ilsos.net	217.785.0309
Coordinating Agency (Alt)	None			
Resource Agency (Main)	Greg Patterson	ISSP	gpatterson@ilsos.net	217.785.0309
Resource Agency (Alt)	Name	Agency	Email	Bus phone 24 hr phone

Timing
Lead time to deploy: During work day ____1hr After Hours __1hr
Time to set up after arrival on scene: __N/A

Transportation
Delivery: __Needs to be picked up/Delivery may be requested
Method: __N/A Comes in a Box/Case

On Scene:
Footprint: __6 sq. ft. Security Required? No Type: Needs to be stored in a secure location

Team Staff Considerations
# of staff to transport: __1___ # of staff per operational period: _1___
Limits on staff hours of work per day: __None_____

Number of days initial staff will remain on scene: _N/A___
Who schedules staff rotation:__N/A_____
Outside (commercial) personnel required: No who schedules: _N/A_____

Team is self-sufficient for:__N/A
Support needed after self-sufficient period: Food:__No Water: No Housing: No
Special Needs: ____None_____

Comments / Notes / Special Considerations:
_AC / DC Power_____

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

D.8 ITECS ACU1000 (9 units across the state)

Host Location:

Winnebago County SO	Chicago OEMC	St Clair County EMA
Will County EMA	Springfield PD	Crawford County EMA
Du Page County OHSEM	Champaign FD	City Marion

Service Area:
Statewide

Participating Agencies
Based on needs of agencies participating in event or incident

Other Gateway Notes:
ACU1000,
7 Nets,
12 Ports,
10 Card installed

How many radios in each band	Service Area (Description of coverage)
1-Low Band	100 Mile Radius Pending Topography
3-VHF	50 Mile Radius Pending Topography
3-UHF	
1-700/800 Conventional	
0-700/800 Trunked	
1-700/800 STARCOM21	Statewide

List What Channels (Frequency and Name) each radio has programmed

CH	VHF Low Band	VHF High Band	UHF	700/800 MHz Conv	700/ 800 MHz Trunked TGs	STARCOM21 TGs
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

Notes:

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

D.8a ITECS ACU 1000 Deployment/Activation (9 units across the state)

Asset Location (Address): __

Rockford	Chicago	Bellville
Joliet	Springfield	Robinson
Wheaton	Champaign	Marion

Deployment Contact (or Asset Dispatch Center):
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				
Resource Agency (Main)	Various Resource Agencies		See Host Agency List in Appendix A	
Resource Agency (Alt)				

Timing
Lead time to deploy: During work day ____1hr After Hours __3hr
Time to set up after arrival on scene: __ 1 Hour

Transportation
Delivery: __ Delivered
Method: __ Trailer with Truck

On Scene:
Footprint: __500 sq. ft. Security Required? Yes Type: Store in a Secure /Observed area

Comments / Notes / Special Considerations:
_See ITECS in Appendix F for more details

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

D.9 Tollway Dispatch Console

Location:
Downers Grove

Service Area:
Downers Grove and surrounding area
Along the Toll roads

Participating Agencies
Based on needs of agencies participating in event or incident

Other Gateway Notes:
Gold Elite

How many radios in each band **Service Area (Description of coverage)**
##-Low Band
##-VHF
##-UHF
##-700/800 Conventional
##-700/800 Trunked
##-700/800 STARCOM21

List What Channels (Frequency and Name) each radio has programmed

CH	VHF Low Band	VHF High Band	UHF	700/800 MHz Conv	700/ 800 MHz Trunked TGs	STARCOM21 TGs
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

Notes:

Updated as of 01/06/2012

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

D.9a Tollway Dispatch Console Deployment/Activation

Asset Location (Address): __ 2700 Ogden Ave, Downers Grove

Deployment Contact (or Asset Dispatch Center): 7x24 Phone: 630.241.6800 x3420
Name: Tollway Dispatch Phone: 217.782.7860
Email: dispatchpaging@tollway.state.il.us EMnet:

Coordinating Agency (Main)	Tom Cameron			
Coordinating Agency (Alt)				
Resource Agency (Main)	Dawn King	Toll Authority	dking@tollway.state.il.us RETIRED	630.241.6800 ext 3420
Resource Agency (Alt)				

Timing
Lead time to deploy: During work day ____1hr After Hours __1hr
Time to set up after arrival on scene: __N/A

Transportation
Delivery: __N/A____Fixed
Method: __N/A____Fixed

On Scene:
Footprint: __N/A_____ sq. ft. Security Required? No Type: _____N/A Fixed___

Team Staff Considerations
# of staff to transport: __N/A__ # of staff per operational period: _N/A___
Limits on staff hours of work per day: __None_____

Number of days initial staff will remain on scene: _N/A___
Who schedules staff rotation:__N/A_____
Outside (commercial) personnel required: No who schedules: _N/A_____

Team is self-sufficient for:__N/A
Support needed after self-sufficient period: Food:__No Water: No Housing: No
Special Needs: ____None_____

Comments / Notes / Special Considerations:
For non-state agencies, set time for Patch may take a little longer.

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

Appendix E Radio Caches

Information on radio caches available for use within the state is listed on subsequent pages of Appendix E. The table below lists the owning or managing agency, cache, frequency band and quantity of radios in each cache.

E.1 State Radio Caches

Radio Cache Name	Make / Model	Owning / Managing Agency	Frequency Band	Quantity
IEMA VHF HT1250	Motorola HT1250	IEMA - Rodger St.	VHF	65
IEMA STARCOM21	Motorola XTS 5000	IEMA - Rodger St.	700/800 SC21	180
IEMA RC STARCOM21	Motorola XTL 5000 Motorola XTS 5000	IEMA Region Offices	700/800 SC21	1 per Rgn 6 per Rgn Plus 30 XTS in RGN 2
ILEAS XTS North	Motorola XTS5000	ILEAS	700/800 MHZ STARCOM21	24
ILEAS XTS Center	Motorola XTS5000	ILEAS	700/800 MHZ STARCOM21	24
ILEAS XTS South	Motorola XTS5000	ILEAS	700/800 MHZ STARCOM21	24
ILEAS APX – Cache 4	Motorola APX7000	ILEAS	VHF 700/800 SC21	48
ILEAS VHF	EFJ 5100	ILEAS	VHF	20
ILEAS UHF	EFJ 5100	ILEAS	UHF	45
ILEAS 800	EFJ 5100	ILEAS	800 Conv	18
ISP Radio Lab Law Enforcement Only	Motorola XTS 5000	ISP - Springfield	700/800 SC21	50
ISP District 1 Law Enforcement Only	Motorola XTS 5000	ISP - Sterling	700/800 SC21	25
ISP District 13 Law Enforcement Only	Motorola XTS 5000	ISP - DuQuoin	700/800 SC21	25
ISSP VHF HT1250	Motorola HT1250	ISSP – Springfield	VHF	50

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

Radio Cache Name	Make / Model	Owning / Managing Agency	Frequency Band	Quantity
ITECS 02	EF Johnson 5100 Harris Unity	Winnebago County SO	VHF UHF 800 Conv V / U / 7 / 8	24 24 11 40
ITECS 03	EF Johnson 5100 Harris Unity	Will County EMA	VHF UHF 800 Conv V / U / 7 / 8	24 24 11 40
ITECS 04	EF Johnson 5100 Harris Unity	DuPage County OHSEM	VHF UHF 800 Conv V / U / 7 / 8	24 24 11 40
ITECS 05	EF Johnson 5100 Harris Unity	Chicago OEMC	VHF UHF 800 Conv V / U / 7 / 8	24 24 11 40
ITECS 06	Harris Unity	Springfield PD	V / U / 7 / 8	40
ITECS 07	EF Johnson 5100 Harris Unity	Champaign FD	VHF UHF 800 Conv V / U / 7 / 8	24 24 11 40
ITECS 08	EF Johnson 5100 Harris Unity	St. Clair County EMA	VHF UHF 800 Conv V / U / 7 / 8	24 24 11 40
ITECS 09	EF Johnson 5100 Harris Unity	Crawford County EMA	VHF UHF 800 Conv V / U / 7 / 8	24 24 11 40
ITECS 11	Harris Unity	City of Marion	V / U / 7 / 8	40
IPWMAN SC21 North	Motorola APX7000 Dual-Band	Wauconda FD	VHF, 7/8, SC21 Dual Band	18
IPWMAN SC21 Center	Motorola APX7000 Dual-Band	Champaign FD	VHF, 7/8, SC21 Dual Band	18
IPWMAN SC21 South	Motorola APX7000 Dual-Band	City of Marion	VHF, 7/8, SC21 Dual Band	18
Lake Co Cache 2 Round Lake Fire Dept.	Motorola APX7000	MABAS	VHF, 7/8, SC21Dual	12
UCP 13 Cache 3 Wauconda FD	Motorola APX7000	MABAS	VHF, 7/8, SC21 Dual	12
UCP 13 Cache 4 Wauconda	Motorola APX7000	MABAS	VHF, 7/8, SC21 Dual	12
MABAS Cache 5 MRC Wheeling	Motorola APX7000	MABAS	VHF, 7/8, SC21 Dual	12
MABAS Cache 6 MRC Wheeling	Motorola APX7000	MABAS	VHF, 7/8, SC21 Dual	12

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

Radio Cache Name	Make / Model	Owning / Managing Agency	Frequency Band	Quantity
MABAS Cache 7 MRC Wheeling	Motorola APX7000	MABAS	VHF, 7/8, SC21 Dual	12
MABAS Cache 8 MRC Wheeling	Motorola APX7000	MABAS	VHF, 7/8, SC21 Dual	12
MABAS Cache 9 MRC Wheeling	Thales Liberty	MABAS	VHF, UHF 700/800 SC21	48
OSFM SC21	Motorola XTS5000	OSFM	STARCOM21	12
Tollway 800	Motorola HT-1000	Tollway	800 MHz Conv.	75
UCP 14 SC21 Cache	Motorola APX7000 Dual-Band	MABAS Div. 3	VHF, 7/8, SC21 Dual Band	6
UCP 15 SC21 Cache	Motorola APX7000 Dual-Band	Oak Park Police	VHF, 7/8, SC21 Dual Band	6
UCP 16 SC21 Cache	Motorola APX7000 Dual-Band	Tinley Park	VHF, 7/8, SC21 Dual Band	6

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.2 IEMA VHF 1250

Equipment Location (City): Springfield

Service Area: Statewide

Cache Type and Capacity

Make / Model:	Motorola HT 1250
Frequency Band:	VHF
Number of Radios in Cache:	65
Number of Available Channels:	48
Number of Spare Batteries:	65
Accessories per radio (Speaker Mic, Holster, etc)	
Battery Charger (Individual or Multi-Unit)	

Channels Programmed on Cache

	Zone I	Zone II	Zone III
CH			
1	IEMA	Standard	
2	IREACH	State	
3	IESMA	Template	
4	IDNR Rptr 1		
5	IDNR Rptr 2		
6	IDNR Rptr 1 TA		
7	IDNR Rptr 2 TA		
8			
9			
10			
11			
12			
13			
14			
15			
16			

Other Comments:

Need AC Power for Chargers

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.2a IEMA VHF 1250 Deployment/Activation

Asset Location (Address): 4800 Roger Street, Springfield, IL

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				
Resource Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Resource Agency (Alt)				

Timing
Lead time to deploy: During work day 1 hr After Hours 3 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Radios need to be picked up (Preferred) / Delivery can be requested

On Scene:
Footprint: N/A sq. ft. Security Required? Y Type: Stored Inside locked Vehicle

Team Staff Considerations
# of staff to transport: 1 # of staff per operational period: 1
Limits on staff hours of work per day: 12 Hours

Number of days initial staff will remain on scene: N/A
Who schedules staff rotation: N/A
Outside (commercial) personnel required: N/A who schedules: N/A

Team is self-sufficient for: N/A
Support needed after self-sufficient period: Food: N/A Water: N/A Housing: N/A
Special Needs: N/A

Comments / Notes / Special Considerations:
Need AC Power for Chargers

Updated as of 01/06/2012

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.3 IEMA STARCOM21 XTS5000

Equipment Location (City): Springfield

Service Area: Statewide

Cache Type and Capacity

Make / Model:	Motorola XTS5000
Frequency Band:	700/800 MHz
Number of Radios in Cache:	180
Number of Available Channels:	2000
Number of Spare Batteries:	180
Accessories per radio (Speaker Mic, Holster, etc)	
Battery Charger (Individual or Multi-Unit)	

Channels Programmed on Cache

	Zone I	Zone II	Zone III
CH			
1	IEMA	Statewide	
2	STARCOM21	Interoperability	
3	Template	Template	
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			

Other Comments:
Need AC Power for Chargers

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.3a IEMA STARCOM21 XTS5000 Deployment/Activation

Asset Location (Address): 4800 Roger Street, Springfield, IL

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				
Resource Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Resource Agency (Alt)				

Timing
Lead time to deploy: During work day 1 hr After Hours 3 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Radios need to be picked up (Preferred) / Delivery can be requested

On Scene:
Footprint: N/A sq. ft. Security Required? Y Type: Stored Inside locked Vehicle

Team Staff Considerations
# of staff to transport: 1 # of staff per operational period: 1
Limits on staff hours of work per day: 12 Hours

Number of days initial staff will remain on scene: N/A
Who schedules staff rotation: N/A
Outside (commercial) personnel required: N/A who schedules: N/A

Team is self-sufficient for: N/A
Support needed after self-sufficient period: Food: N/A Water: N/A Housing: N/A
Special Needs: N/A

Comments / Notes / Special Considerations:
Need AC Power for Chargers

Updated as of 01/06/2012

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.4 IEMA Region 02, 03, 04, 06, 07, 08, 09, 11 STARCOM21

Equipment Location (City): This radio cache is stored at: each regional office as shown on the IEMA Regional Coordinator and Office list in Appendix A

Service Area: Statewide

Cache Type and Capacity

Make / Model:	Motorola XTS5000/XTL5000
Frequency Band:	700/800
Number of Radios in Cache:	7 Radios Per Region - 1 mobile and 6 portables
Number of Available Channels:	various
Number of Spare Batteries:	6 (per region) Plus 30 extra in Region 2
Accessories per radio (Speaker Mic, Holster, etc)	Speaker Mics
Battery Charger (Individual or Multi-Unit)	1 Multi-Unit per region

Channels Programmed on Cache

	Zone I	Zone II	Zone III
CH			
1	IEMA	Statewide	
2	STARCOM21	Interoperability	
3	Template	Template	
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			

Other Comments:

Need AC Power for Chargers

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.4a IEMA Region 02, 03, 04, 06, 07, 08, 09, 11 STARCOM21 Deployment/Activation

Asset Location (Address): This radio cache is stored at: each regional office as shown on the IEMA Regional Coordinator and Office list in Appendix A

Deployment Contact: Contact the Regional Coordinator to request use of the cache. Contact information is in Appendix A

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				
Resource Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Resource Agency (Alt)				

Timing
Lead time to deploy: During work day 1 hr After Hours 3 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Radios need to be picked up (Preferred) / Delivery can be requested

On Scene:
Footprint: N/A sq. ft. Security Required? Y Type: Stored Inside locked Vehicle

Team Staff Considerations
# of staff to transport: 1 # of staff per operational period: 1
Limits on staff hours of work per day: 12 Hours

Number of days initial staff will remain on scene: N/A
Who schedules staff rotation: N/A
Outside (commercial) personnel required: N/A who schedules: N/A

Team is self-sufficient for: N/A
Support needed after self-sufficient period: Food: N/A Water: N/A Housing: N/A
Special Needs: N/A

Comments / Notes / Special Considerations:
Need AC Power for Chargers

Updated as of 01/06/2012

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.5 ILEAS STARCOM21 XTS5000 North

Equipment Location (City): Wheeling

Service Area: Statewide

Cache Type and Capacity

Make / Model:	Motorola XTS5000
Frequency Band:	700/800 MHz
Number of Radios in Cache:	24
Number of Available Channels:	2000
Number of Spare Batteries:	24
Accessories per radio (Speaker Mic, Holster, etc)	Speaker Mic, Holster, battery charger
Battery Charger (Individual or Multi-Unit)	

Channels Programmed on Cache

	Zone I	Zone II	Zone III
CH			
1	IEMA	Statewide	
2	STARCOM21	Interoperability	
3	Template	Template	
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			

Other Comments:
Need AC Power for Chargers

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.5a ILEAS STARCOM21 XTS5000 North Deployment/Activation

Asset Location (Address): Wheeling IL

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Coordinating Agency (Main)	Russ Gentry	ILEAS	rlgentry@ileas.org	618.973.0139
Coordinating Agency (Alt)				
Resource Agency (Main)	Russ Gentry	ILEAS	rlgentry@ileas.org	618.973.0139
Resource Agency (Alt)				

Timing
Lead time to deploy: During work day 1 hr After Hours 3 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Radios need to be picked up (Preferred) / Delivery can be requested

On Scene:
Footprint: N/A sq. ft. Security Required? Y Type: Stored Inside locked Vehicle

Team Staff Considerations
# of staff to transport: 1 # of staff per operational period: 1
Limits on staff hours of work per day: 12 Hours

Number of days initial staff will remain on scene: N/A
Who schedules staff rotation: N/A
Outside (commercial) personnel required: N/A who schedules: N/A

Team is self-sufficient for: N/A
Support needed after self-sufficient period: Food: N/A Water: N/A Housing: N/A
Special Needs: N/A

Comments / Notes / Special Considerations:
Need AC Power for Chargers

Updated as of 01/06/2012

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.6 ILEAS STARCOM21 XTS5000 Center

Equipment Location (City): Urbana

Service Area: Statewide

Cache Type and Capacity

Make / Model:	Motorola XTS5000
Frequency Band:	700/800 MHz
Number of Radios in Cache:	24
Number of Available Channels:	2000
Number of Spare Batteries:	24
Accessories per radio (Speaker Mic, Holster, etc)	Speaker Mic, Holster, battery charger
Battery Charger (Individual or Multi-Unit)	Multi-Unit

Channels Programmed on Cache

	Zone I	Zone II	Zone III
CH			
1	IEMA	Statewide	
2	STARCOM21	Interoperability	
3	Template	Template	
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			

Other Comments:
Need AC Power for Chargers

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.6a ILEAS STARCOM21 XTS5000 Center Deployment/Activation

Asset Location (Address): 1701 East Main St Urbana IL

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Coordinating Agency (Main)	Russ Gentry	ILEAS	rlgentry@ileas.org	618.973.0139
Coordinating Agency (Alt)				
Resource Agency (Main)	Russ Gentry	ILEAS	rlgentry@ileas.org	618.973.0139
Resource Agency (Alt)				

Timing
Lead time to deploy: During work day 1 hr After Hours 3 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Radios need to be picked up (Preferred) / Delivery can be requested

On Scene:
Footprint: N/A sq. ft. Security Required? Y Type: Stored Inside locked Vehicle

Team Staff Considerations
# of staff to transport: 1 # of staff per operational period: 1
Limits on staff hours of work per day: 12 Hours

Number of days initial staff will remain on scene: N/A
Who schedules staff rotation: N/A
Outside (commercial) personnel required: N/A who schedules: N/A

Team is self-sufficient for: N/A
Support needed after self-sufficient period: Food: N/A Water: N/A Housing: N/A
Special Needs: N/A

Comments / Notes / Special Considerations:
Need AC Power for Chargers

Updated as of 01/06/2012

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.7 ILEAS STARCOM21 XTS5000 South

Equipment Location (City): Wood River

Service Area: Statewide

Cache Type and Capacity

Make / Model:	Motorola XTS5000
Frequency Band:	700/800 MHz
Number of Radios in Cache:	24
Number of Available Channels:	2000
Number of Spare Batteries:	24
Accessories per radio (Speaker Mic, Holster, etc)	Speaker Mic, Holster, battery charger
Battery Charger (Individual or Multi-Unit)	Multi-Unit

Channels Programmed on Cache

	Zone I	Zone II	Zone III
CH			
1	IEMA	Statewide	
2	STARCOM21	Interoperability	
3	Template	Template	
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			

Other Comments:
Need AC Power for Chargers

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.7a ILEAS STARCOM21 XTS5000 South Deployment/Activation

Asset Location (Address): Wood River, IL

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Coordinating Agency (Main)	Russ Gentry	ILEAS	rlgentry@ileas.org	618.973.0139
Coordinating Agency (Alt)				
Resource Agency (Main)	Russ Gentry	ILEAS	rlgentry@ileas.org	618.973.0139
Resource Agency (Alt)				

Timing
Lead time to deploy: During work day 1 hr After Hours 3 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Radios need to be picked up (Preferred) / Delivery can be requested

On Scene:
Footprint: N/A sq. ft. Security Required? Y Type: Stored Inside locked Vehicle

Team Staff Considerations
# of staff to transport: 1 # of staff per operational period: 1
Limits on staff hours of work per day: 12 Hours

Number of days initial staff will remain on scene: N/A
Who schedules staff rotation: N/A
Outside (commercial) personnel required: N/A who schedules: N/A

Team is self-sufficient for: N/A
Support needed after self-sufficient period: Food: N/A Water: N/A Housing: N/A
Special Needs: N/A

Comments / Notes / Special Considerations:
Need AC Power for Chargers

Updated as of 01/06/2012

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.8 ILEAS STARCOM21 APX

Equipment Location (City): Urbana

Service Area: Statewide

Cache Type and Capacity

Make / Model:	Motorola APX 7000
Frequency Band:	VHF and 700/800 MHz
Number of Radios in Cache:	48
Number of Available Channels:	2000
Number of Spare Batteries:	48
Accessories per radio (Speaker Mic, Holster, etc)	Speaker Mic, Holster, battery charger
Battery Charger (Individual or Multi-Unit)	Multi-Unit

Channels Programmed on Cache

	Zone I	Zone II	Zone III
CH			
1	IEMA	Statewide	
2	STARCOM21	Interoperability	
3	Template	Template	
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			

Other Comments:
Need AC Power for Chargers

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.8a ILEAS STARCOM21 APX 7000 Deployment/Activation

Asset Location (Address): Urbana, IL

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Coordinating Agency (Main)	Russ Gentry	ILEAS	rlgentry@ileas.org	618.973.0139
Coordinating Agency (Alt)				
Resource Agency (Main)	Russ Gentry	ILEAS	rlgentry@ileas.org	618.973.0139
Resource Agency (Alt)				

Timing
Lead time to deploy: During work day 1 hr After Hours 3 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Radios need to be picked up (Preferred) / Delivery can be requested

On Scene:
Footprint: N/A sq. ft. Security Required? Y Type: Stored Inside locked Vehicle

Team Staff Considerations
# of staff to transport: 1 # of staff per operational period: 1
Limits on staff hours of work per day: 12 Hours

Number of days initial staff will remain on scene: N/A
Who schedules staff rotation: N/A
Outside (commercial) personnel required: N/A who schedules: N/A

Team is self-sufficient for: N/A
Support needed after self-sufficient period: Food: N/A Water: N/A Housing: N/A
Special Needs: N/A

Comments / Notes / Special Considerations:
Need AC Power for Chargers

Updated as of 01/06/2012

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.9 ILEAS VHF

Equipment Location (City): Urbana

Service Area: Statewide

Cache Type and Capacity

Make / Model:	EFJ 5100
Frequency Band:	VHF
Number of Radios in Cache:	20
Number of Available Channels:	2000
Number of Spare Batteries:	20
Accessories per radio (Speaker Mic, Holster, etc)	Speaker Mic, Holster, battery charger
Battery Charger (Individual or Multi-Unit)	Multi-Unit

Channels Programmed on Cache

	Zone I	Zone II	Zone III
CH			
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			

Other Comments:
Need AC Power for Chargers

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.9a ILEAS VHF Deployment/Activation

Asset Location (Address): 1701 East Main, Urbana IL

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Coordinating Agency (Main)	Russ Gentry	ILEAS	rlgentry@ileas.org	618.973.0139
Coordinating Agency (Alt)				
Resource Agency (Main)	Russ Gentry	ILEAS	rlgentry@ileas.org	618.973.0139
Resource Agency (Alt)				

Timing
Lead time to deploy: During work day 1 hr After Hours 3 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Radios need to be picked up (Preferred) / Delivery can be requested

On Scene:
Footprint: N/A sq. ft. Security Required? Y Type: Stored Inside locked Vehicle

Team Staff Considerations
# of staff to transport: 1 # of staff per operational period: 1
Limits on staff hours of work per day: 12 Hours

Number of days initial staff will remain on scene: N/A
Who schedules staff rotation: N/A
Outside (commercial) personnel required: N/A who schedules: N/A

Team is self-sufficient for: N/A
Support needed after self-sufficient period: Food: N/A Water: N/A Housing: N/A
Special Needs: N/A

Comments / Notes / Special Considerations:
Need AC Power for Chargers

Updated as of 01/06/2012

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.10 ILEAS UHF

Equipment Location (City): Urbana

Service Area: Statewide

Cache Type and Capacity

Make / Model:	EFJ 5100
Frequency Band:	UHF
Number of Radios in Cache:	45
Number of Available Channels:	2000
Number of Spare Batteries:	45
Accessories per radio (Speaker Mic, Holster, etc)	Speaker Mic, Holster, battery charger
Battery Charger (Individual or Multi-Unit)	Multi-Unit

Channels Programmed on Cache

	Zone I	Zone II	Zone III
CH			
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			

Other Comments:
Need AC Power for Chargers

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.10a ILEAS UHF Deployment/Activation

Asset Location (Address): 1701 East Main, Urbana IL

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Coordinating Agency (Main)	Russ Gentry	ILEAS	rlgentry@ileas.org	618.973.0139
Coordinating Agency (Alt)				
Resource Agency (Main)	Russ Gentry	ILEAS	rlgentry@ileas.org	618.973.0139
Resource Agency (Alt)				

Timing
Lead time to deploy: During work day 1 hr After Hours 3 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Radios need to be picked up (Preferred) / Delivery can be requested

On Scene:
Footprint: N/A sq. ft. Security Required? Y Type: Stored Inside locked Vehicle

Team Staff Considerations
# of staff to transport: 1 # of staff per operational period: 1
Limits on staff hours of work per day: 12 Hours

Number of days initial staff will remain on scene: N/A
Who schedules staff rotation: N/A
Outside (commercial) personnel required: N/A who schedules: N/A

Team is self-sufficient for: N/A
Support needed after self-sufficient period: Food: N/A Water: N/A Housing: N/A
Special Needs: N/A

Comments / Notes / Special Considerations:
Need AC Power for Chargers

Updated as of 01/06/2012

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.11 ILEAS 800 Conv

Equipment Location (City): Urbana

Service Area: Statewide

Cache Type and Capacity

Make / Model:	EFJ 5100
Frequency Band:	800 MHz
Number of Radios in Cache:	18
Number of Available Channels:	2000
Number of Spare Batteries:	18
Accessories per radio (Speaker Mic, Holster, etc)	Speaker Mic, Holster, battery charger
Battery Charger (Individual or Multi-Unit)	Multi-Unit

Channels Programmed on Cache

	Zone I	Zone II	Zone III
CH			
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			

Other Comments:
Need AC Power for Chargers

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.11a ILEAS 800 Conv Deployment/Activation

Asset Location (Address): 1701 East Main, Urbana IL

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Coordinating Agency (Main)	Russ Gentry	ILEAS	rlgentry@ileas.org	618.973.0139
Coordinating Agency (Alt)				
Resource Agency (Main)	Russ Gentry	ILEAS	rlgentry@ileas.org	618.973.0139
Resource Agency (Alt)				

Timing
Lead time to deploy: During work day 1 hr After Hours 3 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Radios need to be picked up (Preferred) / Delivery can be requested

On Scene:
Footprint: N/A sq. ft. Security Required? Y Type: Stored Inside locked Vehicle

Team Staff Considerations
# of staff to transport: 1 # of staff per operational period: 1
Limits on staff hours of work per day: 12 Hours

Number of days initial staff will remain on scene: N/A
Who schedules staff rotation: N/A
Outside (commercial) personnel required: N/A who schedules: N/A

Team is self-sufficient for: N/A
Support needed after self-sufficient period: Food: N/A Water: N/A Housing: N/A
Special Needs: N/A

Comments / Notes / Special Considerations:
Need AC Power for Chargers

updated as of 01/06/2012

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.12 ISP Radio Lab – STARCOM21 (For Law Enforcement Use Only)

Equipment Location (City): Springfield

Service Area: Statewide

Cache Type and Capacity

Make / Model:	Motorola XTS5000
Frequency Band:	700/800 MHz
Number of Radios in Cache:	50
Number of Available Channels:	2000
Number of Spare Batteries:	50
Accessories per radio (Speaker Mic, Holster, etc)	Belt Clip
Battery Charger (Individual or Multi-Unit)	16 Desktop Chargers 2 Rack Chargers

Channels Programmed on Cache

	Zone I	Zone II	Zone III
CH			
1	Statewide		
2	Interoperability		
3	Template		
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			

Other Comments:
Need AC Power for Chargers
Packed in 6 Pelican Cases
For Law Enforcement Use Only

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.12a ISP Radio Lab – STARCOM21 Deployment/Activation

Asset Location (Address): 601 Sangamon Ave, Springfield, IL 62704

Deployment Contact:
Name: Roger Costello
Email: costelr@isp.state.il.us

7x24 Phone: 217.414.3687
Phone: 217.782.5035
EMnet: N/A

Coordinating Agency (Main)	Lambert Fleck	ISP	lambert.fleck@isp.state.il.us	217.836.7905
Coordinating Agency (Alt)	Robert Kane	ISP	Robert.p.knae@isp.state.il.us	217.685.3589
Resource Agency (Main)	Roger Costello	ISP	costelr@isp.state.il.us	217.414.3687
Resource Agency (Alt)	Robert Kane	ISP	Robert.p.kane@isp.state.il.us	217.685.3589

Timing
Lead time to deploy: During work day 2 hrs After Hours 4 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Radios need to be picked up

On Scene:
Footprint: N/A sq. ft. Security Required? Y Type: Stored Inside locked Vehicle

Team Staff Considerations
# of staff to transport: 2 # of staff per operational period: 2
Limits on staff hours of work per day: 12 Hours

Number of days initial staff will remain on scene: N/A
Who schedules staff rotation: N/A
Outside (commercial) personnel required: N/A who schedules: N/A

Team is self-sufficient for: N/A
Support needed after self-sufficient period: Food: N/A Water: N/A Housing: N/A
Special Needs: N/A

Comments / Notes / Special Considerations:
Need AC Power for Chargers
For Law Enforcement Use Only

Updated as of 01/17/2017

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.13 ISP District 1 – STARCOM21 (For Law Enforcement Use Only)

Equipment Location (City): Sterling

Service Area: Statewide

Cache Type and Capacity

Make / Model:	Motorola XTS5000
Frequency Band:	700/800 MHz
Number of Radios in Cache:	25
Number of Available Channels:	2000
Number of Spare Batteries:	25
Accessories per radio (Speaker Mic, Holster, etc)	Belt Clip
Battery Charger (Individual or Multi-Unit)	8 Desktop Chargers 1 Rack Charger

Channels Programmed on Cache

	Zone I	Zone II	Zone III
CH			
1	Statewide		
2	Interoperability		
3	Template		
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			

Other Comments:
Need AC Power for Chargers
Packed in 3 Pelican Cases
For Law Enforcement Use Only

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.13a ISP District 1 – STARCOM21 Deployment/Activation

Asset Location (Address): Sterling, District 1 ISP HQ

Deployment Contact :
Name: Jim Pepper/Jack Stout
Email: pepperj@isp.state.il.us

7x24 Phone: 815.535.7766
Phone: 815.535.7766
EMnet: N/A

Coordinating Agency (Main)	Lambert Fleck	ISP	lambert.fleck@isp.state.il.us	217.836.7905
Coordinating Agency (Alt)	Robert Kane	ISP	Robert.p.kane@isp.state.il.us	217.685.3589
Resource Agency (Main)	Jim Pepper	ISP	pepperj@isp.state.il.us	815.535.7766
Resource Agency (Alt)	Robert Kane	ISP	Robert.p.kane@isp.state.il.us	217.685.3589

Timing
Lead time to deploy: During work day 2 hrs After Hours 4 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Radios need to be picked up

On Scene:
Footprint: N/A sq. ft. Security Required? Y Type: Stored Inside locked Vehicle

Team Staff Considerations
# of staff to transport: 2 # of staff per operational period: 2
Limits on staff hours of work per day: 12 Hours

Number of days initial staff will remain on scene: N/A
Who schedules staff rotation: N/A
Outside (commercial) personnel required: N/A who schedules: N/A

Team is self-sufficient for: N/A
Support needed after self-sufficient period: Food: N/A Water: N/A Housing: N/A
Special Needs: N/A

Comments / Notes / Special Considerations:

Need AC Power for Chargers
For Law Enforcement Use Only

Updated as of 01/17/2017

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.14 ISP District 13 – STARCOM21 (For Law Enforcement Use Only)

Equipment Location (City): DuQuoin

Service Area: Statewide

Cache Type and Capacity

Make / Model:	Motorola XTS5000
Frequency Band:	700/800 MHz
Number of Radios in Cache:	25
Number of Available Channels:	2000
Number of Spare Batteries:	25
Accessories per radio (Speaker Mic, Holster, etc)	Belt Clip
Battery Charger (Individual or Multi-Unit)	8 Desktop Chargers 1 Rack Charger

Channels Programmed on Cache

	Zone I	Zone II	Zone III
CH			
1	Statewide	Statewide	Statewide
2	Interoperability	Interoperability	Interoperability
3	Template	Template	Template
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			

Other Comments:

Need AC Power for Chargers

Packed in 3 Pelican Cases

For Law Enforcement Use Only

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.14a ISP District 13 – STARCOM21 Deployment/Activation

Asset Location (Address): ISP D13 HQ in Du Quoin

Deployment Contact:
Name: Chris Miller/Mike Frangello
Email: chris.miller@isp.state.il.us

7x24 Phone: 618.542.2171
Phone: 618.521.2028
EMnet: N/A

Coordinating Agency (Main)	Lambert Fleck	ISP	lambert.fleck@isp.state.il.us	217.836.7905
Coordinating Agency (Alt)	Robert Kane	ISP	Robert.p.kane@isp.state.il.us	217.685.3589
Resource Agency (Main)	Chris Miller	ISP	chris.miller@isp.state.il.us	618.521.2028
Resource Agency (Alt)	Robert Kane	ISP	Robert.p.kane@isp.state.il.us	217.685.3589

Timing
Lead time to deploy: During work day 2 hrs After Hours 4 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Radios need to be picked up

On Scene:
Footprint: N/A sq. ft. Security Required? Y Type: Stored Inside locked Vehicle

Team Staff Considerations
# of staff to transport: 2 # of staff per operational period: 2
Limits on staff hours of work per day: 12 Hours

Number of days initial staff will remain on scene: N/A
Who schedules staff rotation: N/A
Outside (commercial) personnel required: N/A who schedules: N/A

Team is self-sufficient for: N/A
Support needed after self-sufficient period: Food: N/A Water: N/A Housing: N/A
Special Needs: N/A

Comments / Notes / Special Considerations:

Need AC Power for Chargers

For Law Enforcement Use Only

Updated as of 01/17/2017

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.15 ISSP VHF HT1250

Equipment Location (City): Springfield

Service Area: Statewide

Cache Type and Capacity

Make / Model:	Motorola HT 1250
Frequency Band:	VHF
Number of Radios in Cache:	50
Number of Available Channels:	16
Number of Spare Batteries:	200
Accessories per radio (Speaker Mic, Holster, etc)	
Battery Charger (Individual or Multi-Unit)	

Channels Programmed on Cache

	Zone I	Zone II	Zone III
CH			
1	ISPERN		
2	ISP Dist. 9		
3	IREACH		
4	HF-4		
5	SOS CAPTL COMP		
6	SOS SECURITY		
7	SOS CAP RPTR		
8	SOS ERT		
9	ESDA		
10	VCALL		
11	VTAC1		
12	VTAC2		
13	VTAC3		
14	VTAC4		
15			
16			

Other Comments:

Need AC Power for Chargers

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.15a ISSP VHF Deployment/Activation

Asset Location (Address): 3710 Winchester Road, Springfield, 62707

Deployment Contact:
Name: Illinois Sectary of State Police
Email: None

7x24 Phone: 217.785.0309
Phone: 217.785.0309
EMnet: N/A

Coordinating Agency (Main)	Greg Patterson	ISSP	gpatterson@ilsos.net	217.685.090
Coordinating Agency (Alt)	None			
Resource Agency (Main)	Greg Patterson	ISSP	gpatterson@ilsos.net	217.685.090
Resource Agency (Alt)	None			

Timing
Lead time to deploy: During work day 1 hr After Hours 2 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Radios need to be picked up (Preferred) / Delivery can be requested

On Scene:
Footprint: N/A sq. ft. Security Required? Y Type: Stored Inside locked Vehicle

Team Staff Considerations
# of staff to transport: 1 # of staff per operational period: 1
Limits on staff hours of work per day: 12 Hours

Number of days initial staff will remain on scene: N/A
Who schedules staff rotation: N/A
Outside (commercial) personnel required: N/A who schedules: N/A

Team is self-sufficient for: N/A
Support needed after self-sufficient period: Food: N/A Water: N/A Housing: N/A
Special Needs: N/A

Comments / Notes / Special Considerations:

Need AC Power for Chargers

Updated as of 01/06/2012

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.16 ITECS 02, 03, 04, 05, 06, 07, 08, 09, 11 - VHF, UHF, 700/800

Equipment Location (City): See ITECS location list in Appendix A

Service Area: Statewide

Cache Type and Capacity

Make / Model:	EF Johnson 5100 Harris Unity
Frequency Band:	VHF, UHF, 700/800
Number of Radios in Cache:	24 VHF, 24 UHF, and 11 800 MHz in each ITECS 40 V / U / 7 / 8 Harris Unity Radios VARIES BY UNIT
Number of Available Channels:	Varies
Number of Spare Batteries:	119 per trailer
Accessories per radio (Speaker Mic, Holster, etc)	Speaker mic, holster
Battery Charger (Individual or Multi-Unit)	Multi-Unit

Channels Programmed on Cache

	VHF	UHF	700/800 MHz
CH			
1	VCALL	UCALL	ICALL
2	VTAC - 1	UTAC-10	ITAC
3	VTAC - 2	UTAC-11D	
4	VTAC - 3	UTAC12	8CALL
5	VTAC - 4	UTAC-2D	8TAC
6	IREACH	UTAC-3	
7	IFERN	UTAC-3D	
8	IFERN2		
9	RED		
10	WHITE		
11	BLUE		
12	BLACK		
13	GRAY		
14	GOLD		
15			
16	NIP		
	Repeater Pair		

Other Comments:

NO STARCOM21 Radios

Need AC Power for Chargers

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.16a ITECS 02 Deployment/Activation

Asset Location (Address): 420 west State Street, Rockford

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				
Resource Agency (Main)				
Resource Agency (Alt)	None			

Timing
Lead time to deploy: During work day 1 hr After Hours 3 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Radios need to be picked up (Preferred) / Delivery can be requested

On Scene:
Footprint: N/A sq. ft. Security Required? Y Type: Stored Radios Inside locked Vehicle

Team Staff Considerations
# of staff to transport: 1 # of staff per operational period: 1
Limits on staff hours of work per day: 12 Hours

Number of days initial staff will remain on scene: N/A
Who schedules staff rotation: N/A
Outside (commercial) personnel required: N/A who schedules: N/A

Team is self-sufficient for: N/A
Support needed after self-sufficient period: Food: N/A Water: N/A Housing: N/A
Special Needs: N/A

Comments / Notes / Special Considerations:

Need AC Power for Chargers

Updated as of 01/06/2012

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.16b ITECS 03 Deployment/Activation

Asset Location (Address): Laraway Road, Joliet

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				
Resource Agency (Main)	Tom Murray	EMA	tmurray@willcountyillinois.com	815.740.8392 815.405.1225
Resource Agency (Alt)	None			

Timing
Lead time to deploy: During work day 1 hr After Hours 3 hrs
Time to set up after arrival on scene: 1 hrs

Transportation
Delivery: Radios need to be picked up (Preferred) / Delivery can be requested

On Scene:
Footprint: N/A sq. ft. Security Required? Y Type: Store Inside locked Vehicle

Team Staff Considerations
# of staff to transport: 1 # of staff per operational period: 1
Limits on staff hours of work per day: 12 Hours

Number of days initial staff will remain on scene: N/A
Who schedules staff rotation: N/A
Outside (commercial) personnel required: N/A who schedules: N/A

Team is self-sufficient for: N/A
Support needed after self-sufficient period: Food: N/A Water: N/A Housing: N/A
Special Needs: N/A

Comments / Notes / Special Considerations:

Need AC Power for Chargers

Updated as of 01/06/2012

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.16c ITECS 04 Deployment/Activation

Asset Location (Address): 136 N County Farm Rd, Wheaton

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				
Resource Agency (Main)	Craig Dieckman	OHSEM	craig.dieckman@dupageco.org	630.407.2916 630.682.7925
Resource Agency (Alt)	None			

Timing
Lead time to deploy: During work day 1 hr After Hours 3 hrs
Time to set up after arrival on scene: 1 hrs

Transportation
Delivery: Radios need to be picked up (Preferred) / Delivery can be requested

On Scene:
Footprint: N/A sq. ft. Security Required? Y Type: Store Inside locked Vehicle

Team Staff Considerations
# of staff to transport: 1 # of staff per operational period: 1
Limits on staff hours of work per day: 12 Hours

Number of days initial staff will remain on scene: N/A
Who schedules staff rotation: N/A
Outside (commercial) personnel required: N/A who schedules: N/A

Team is self-sufficient for: N/A
Support needed after self-sufficient period: Food: N/A Water: N/A Housing: N/A
Special Needs: N/A

Comments / Notes / Special Considerations:

Need AC Power for Chargers

Updated as of 01/06/2012

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.16d ITECS 05 Deployment/Activation

Asset Location (Address): 1411 W. Madison St, Chicago

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				
Resource Agency (Main)				
Resource Agency (Alt)				

Timing
Lead time to deploy: During work day 1 hr After Hours 3 hrs
Time to set up after arrival on scene: 1 hrs

Transportation
Delivery: Radios need to be picked up (Preferred) / Delivery can be requested

On Scene:
Footprint: N/A sq. ft. Security Required? Y Type: Store Inside locked Vehicle

Team Staff Considerations
# of staff to transport: 1 # of staff per operational period: 1
Limits on staff hours of work per day: 12 Hours

Number of days initial staff will remain on scene: N/A
Who schedules staff rotation: N/A
Outside (commercial) personnel required: N/A who schedules: N/A

Team is self-sufficient for: N/A
Support needed after self-sufficient period: Food: N/A Water: N/A Housing: N/A
Special Needs: N/A

Comments / Notes / Special Considerations:

Need AC Power for Chargers

Updated as of 01/06/2012

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.16e ITECS 06 Deployment/Activation

Asset Location (Address): 800 East Monroe, Springfield

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				
Resource Agency (Main)	Mike Midiri	Police	michael.midiri@cwlp.com	217.789.2303 217.788.8311
Resource Agency (Alt)	None			

Timing
Lead time to deploy: During work day 1 hr After Hours 3 hrs
Time to set up after arrival on scene: 1 hrs

Transportation
Delivery: Radios need to be picked up (Preferred) / Delivery can be requested

On Scene:
Footprint: N/A sq. ft. Security Required? Y Type: Store Inside locked Vehicle

Team Staff Considerations
# of staff to transport: 1 # of staff per operational period: 1
Limits on staff hours of work per day: 12 Hours

Number of days initial staff will remain on scene: N/A
Who schedules staff rotation: N/A
Outside (commercial) personnel required: N/A who schedules: N/A

Team is self-sufficient for: N/A
Support needed after self-sufficient period: Food: N/A Water: N/A Housing: N/A
Special Needs: N/A

Comments / Notes / Special Considerations:

Need AC Power for Chargers

Updated as of 01/06/2012

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.16f ITECS 07 Deployment/Activation

Asset Location (Address): 407 S. Randolph St, Champaign

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				
Resource Agency (Main)	Mike Bayless	Fire	iaff284@hotmail.com	217.390.9197 217.333.8911
Resource Agency (Alt)	None			

Timing
Lead time to deploy: During work day 1 hr After Hours 3 hrs
Time to set up after arrival on scene: 1 hrs

Transportation
Delivery: Radios need to be picked up (Preferred) / Delivery can be requested

On Scene:
Footprint: N/A sq. ft. Security Required? Y Type: Store Inside locked Vehicle

Team Staff Considerations
# of staff to transport: 1 # of staff per operational period: 1
Limits on staff hours of work per day: 12 Hours

Number of days initial staff will remain on scene: N/A
Who schedules staff rotation: N/A
Outside (commercial) personnel required: N/A who schedules: N/A

Team is self-sufficient for: N/A
Support needed after self-sufficient period: Food: N/A Water: N/A Housing: N/A
Special Needs: N/A

Comments / Notes / Special Considerations:

Need AC Power for Chargers

Updated as of 01/06/2012

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.16g ITECS 08 Deployment/Activation

Asset Location (Address): 101 D. 1st Street, Belleville

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				
Resource Agency (Main)	Herb Simmons	EMA	herbert.simmons@co.st-clair.il.us	618.825.2684 618.277.3500
Resource Agency (Alt)	Curtis Williams			314.623.0100

Timing
Lead time to deploy: During work day 1 hr After Hours 3 hrs
Time to set up after arrival on scene: 1 hrs

Transportation
Delivery: Radios need to be picked up (Preferred) / Delivery can be requested

On Scene:
Footprint: N/A sq. ft. Security Required? Y Type: Store Inside locked Vehicle

Team Staff Considerations
# of staff to transport: 1 # of staff per operational period: 1
Limits on staff hours of work per day: 12 Hours

Number of days initial staff will remain on scene: N/A
Who schedules staff rotation: N/A
Outside (commercial) personnel required: N/A who schedules: N/A

Team is self-sufficient for: N/A
Support needed after self-sufficient period: Food: N/A Water: N/A Housing: N/A
Special Needs: N/A

Comments / Notes / Special Considerations:

Need AC Power for Chargers

Updated as of 01/06/2012

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.16h ITECS 09 Deployment/Activation

Asset Location (Address): Robinson, IL

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				
Resource Agency (Main)	Ken Pryor	EMA	kdpryor@frontiernet.net	618.546.1551
Resource Agency (Alt)	Brad Midgett		bmidgett@mchsi.com	618.267.0565

Timing
Lead time to deploy: During work day 1 hr After Hours 3 hrs
Time to set up after arrival on scene: 1 hrs

Transportation
Delivery: Radios need to be picked up (Preferred) / Delivery can be requested

On Scene:
Footprint: N/A sq. ft. Security Required? Y Type: Store Inside locked Vehicle

Team Staff Considerations
# of staff to transport: 1 # of staff per operational period: 1
Limits on staff hours of work per day: 12 Hours

Number of days initial staff will remain on scene: N/A
Who schedules staff rotation: N/A
Outside (commercial) personnel required: N/A who schedules: N/A

Team is self-sufficient for: N/A
Support needed after self-sufficient period: Food: N/A Water: N/A Housing: N/A
Special Needs: N/A

Comments / Notes / Special Considerations:

Need AC Power for Chargers

Updated as of 01/06/2012

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.16i ITECS 11 Deployment/Activation

Asset Location (Address): City Hall, Marion

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				
Resource Agency (Main)	Brian Fisher	Safety	safety@cityofmarionil.gov	618.997.5730 618.997.7946
Resource Agency (Alt)	Bruce Talley		Mabasdiv45@frontier.com	618.925.6391

Timing
Lead time to deploy: During work day 1 hr After Hours 3 hrs
Time to set up after arrival on scene: 1 hrs

Transportation
Delivery: Radios need to be picked up (Preferred) / Delivery can be requested

On Scene:
Footprint: N/A sq. ft. Security Required? Y Type: Store Inside locked Vehicle

Team Staff Considerations
# of staff to transport: 1 # of staff per operational period: 1
Limits on staff hours of work per day: 12 Hours

Number of days initial staff will remain on scene: N/A
Who schedules staff rotation: N/A
Outside (commercial) personnel required: N/A who schedules: N/A

Team is self-sufficient for: N/A
Support needed after self-sufficient period: Food: N/A Water: N/A Housing: N/A
Special Needs: N/A

Comments / Notes / Special Considerations:

Need AC Power for Chargers

Updated as of 01/06/2012

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.17 IPWMAN SC21 North

Equipment Location (City): Wauconda

Service Area: Statewide

Cache Type and Capacity

Make / Model:	Motorola APX7000
Frequency Band:	VHF and 700/800 MHz
Number of Radios in Cache:	18
Number of Available Channels:	2000
Number of Spare Batteries:	18
Accessories per radio (Speaker Mic, Holster, etc)	Speaker Mic, Holster, battery charger
Battery Charger (Individual or Multi-Unit)	Multi-Unit

Channels Programmed on Cache

	Zone I	Zone II	Zone III
CH			
1	Usual	STARCOM21	
2	VHF	Interoperable	
3	State	Template	
4	and		
5	National		
6	Interop		
7	Channels		
8			
9			
10			
11			
12			
13			
14			
15			
16			

Other Comments:

Need AC Power for Chargers

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.17a IPWMAN SC21 North Deployment/Activation

Asset Location (Address):

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				
Resource Agency (Main)				
Resource Agency (Alt)	Paul Maplethorpe	Round Lake Fire Prot.	PMaplethorpe@roundlakefire.org	847.815.2600

Timing
Lead time to deploy: During work day 1 hr After Hours 3 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Radios need to be picked up (Preferred) / Delivery can be requested

On Scene:
Footprint: N/A sq. ft. Security Required? Y Type: Stored Inside locked Vehicle

Team Staff Considerations
# of staff to transport: 1 # of staff per operational period: 1
Limits on staff hours of work per day: 12 Hours

Number of days initial staff will remain on scene: N/A
Who schedules staff rotation: N/A
Outside (commercial) personnel required: N/A who schedules: N/A

Team is self-sufficient for: N/A
Support needed after self-sufficient period: Food: N/A Water: N/A Housing: N/A
Special Needs: N/A

Comments / Notes / Special Considerations:

Need AC Power for Chargers

Updated as of 01/06/2012

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.18 IPWMAN SC21 Center

Equipment Location (City): Champaign

Service Area: Statewide

Cache Type and Capacity

Make / Model:	Motorola APX7000
Frequency Band:	VHF and 700/800 MHz
Number of Radios in Cache:	18
Number of Available Channels:	2000
Number of Spare Batteries:	18
Accessories per radio (Speaker Mic, Holster, etc)	Speaker Mic, Holster, battery charger
Battery Charger (Individual or Multi-Unit)	Multi-Unit

Channels Programmed on Cache

	Zone I	Zone II	Zone III
CH	Usual	STARCOM21	
1	VHF	Interoperable	
2	State	Template	
3	and		
4	National		
5	Interop		
6	Channels		
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			

Other Comments:

Need AC Power for Chargers

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.18a IPWMAN SC21 Center Deployment/Activation

Asset Location (Address): 3300 N Market Champaign

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				
Resource Agency (Main)	Mike Bayless	Fire	iaff284@hotmail.com	217.390.9197 217.333.8911
Resource Agency (Alt)				

Timing
Lead time to deploy: During work day 1 hr After Hours 3 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Radios need to be picked up (Preferred) / Delivery can be requested

On Scene:
Footprint: N/A sq. ft. Security Required? Y Type: Stored Inside locked Vehicle

Team Staff Considerations
# of staff to transport: 1 # of staff per operational period: 1
Limits on staff hours of work per day: 12 Hours

Number of days initial staff will remain on scene: N/A
Who schedules staff rotation: N/A
Outside (commercial) personnel required: N/A who schedules: N/A

Team is self-sufficient for: N/A
Support needed after self-sufficient period: Food: N/A Water: N/A Housing: N/A
Special Needs: N/A

Comments / Notes / Special Considerations:

Need AC Power for Chargers

Updated as of 01/06/2012

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.19 IPWMAN SC21 South

Equipment Location (City): Marion

Service Area: Statewide

Cache Type and Capacity

Make / Model:	Motorola APX7000
Frequency Band:	VHF and 700/800 MHz
Number of Radios in Cache:	18
Number of Available Channels:	2000
Number of Spare Batteries:	18
Accessories per radio (Speaker Mic, Holster, etc)	Speaker Mic, Holster, battery charger
Battery Charger (Individual or Multi-Unit)	Multi-Unit

Channels Programmed on Cache

	Zone I	Zone II	Zone III
CH			
1	Usual	STARCOM21	
2	VHF	Interoperable	
3	State	Template	
4	and		
5	National		
6	Interop		
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			

Other Comments:

Need AC Power for Chargers

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.19a IPWMAN SC21 South Deployment/Activation

Asset Location (Address): 204 N Court St Marion

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				
Resource Agency (Main)	Brian Fisher	Safety	safety@cityofmarionil.gov	618.997.5730 618.997.7946
Resource Agency (Alt)	Bruce Talley		Mabasdiv45@frontier.com	618.925.6391

Timing
Lead time to deploy: During work day 1 hr After Hours 3 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Radios need to be picked up (Preferred) / Delivery can be requested

On Scene:
Footprint: N/A sq. ft. Security Required? Y Type: Stored Inside locked Vehicle

Team Staff Considerations
# of staff to transport: 1 # of staff per operational period: 1
Limits on staff hours of work per day: 12 Hours

Number of days initial staff will remain on scene: N/A
Who schedules staff rotation: N/A
Outside (commercial) personnel required: N/A who schedules: N/A

Team is self-sufficient for: N/A
Support needed after self-sufficient period: Food: N/A Water: N/A Housing: N/A
Special Needs: N/A

Comments / Notes / Special Considerations:
Need AC Power for Chargers

Updated as of 01/06/2012

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.20 MABAS Cache 2 through 8

Equipment Location (City):	
Round Lake	12
Wauconda	24
Wheeling	48

Service Area: Statewide

Cache Type and Capacity

Make / Model:	Motorola APX7000
Frequency Band:	VHF and 700/800 MHz
Number of Radios in Cache:	12 per Cache
Number of Available Channels:	2000+
Number of Spare Batteries:	12 per Cache
Accessories per radio (Speaker Mic, Holster, etc)	
Battery Charger (Individual or Multi-Unit)	Multi-Unit

Channels Programmed on Cache

	VHF	700/800
CH		
1	Standard	STARCOM21
2	State	Interoperable
3	Template	Template
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		

Other Comments:

Need AC Power for Chargers

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.20a MABAS Cache 2 Deployment/Activation

Asset Location (Address): Round Lake

Deployment Contact:
Name: RED Center
Email:

7x24 Phone: 847.419.0911
Phone: 847.419.0911
EMnet:

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				
Resource Agency (Main)				
Resource Agency (Alt)	Paul Maplethorpe	Round Lake Fire Prot.	PMaplethorpe@roundlakefire.org	847.815.2600

Timing
Lead time to deploy: During work day 1 hr After Hours 3 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Radios need to be picked up (Preferred) / Delivery can be requested

On Scene:
Footprint: N/A sq. ft. Security Required? Y Type: Stored Inside locked Vehicle

Team Staff Considerations
# of staff to transport: 1 # of staff per operational period: 1
Limits on staff hours of work per day: 12 Hours

Number of days initial staff will remain on scene: N/A
Who schedules staff rotation: N/A
Outside (commercial) personnel required: N/A who schedules: N/A

Team is self-sufficient for: N/A
Support needed after self-sufficient period: Food: N/A Water: N/A Housing: N/A
Special Needs: N/A

Comments / Notes / Special Considerations:
Need AC Power for Chargers

Updated as of 01/06/2012

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.20b MABAS Cache 3 Deployment/Activation

Asset Location (Address): 1300 S. Gilmer Rd. Wauconda

Deployment Contact:
Name: RED Center
Email:

7x24 Phone: 847.419.0911
Phone: 847.419.0911
EMnet:

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				
Resource Agency (Main)				
Resource Agency (Alt)	Paul Maplethorpe	Round Lake Fire Prot.	PMaplethorpe@roundlakefire.org	847.815.2600

Timing
Lead time to deploy: During work day 1 hr After Hours 3 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Radios need to be picked up (Preferred) / Delivery can be requested

On Scene:
Footprint: N/A sq. ft. Security Required? Y Type: Stored Inside locked Vehicle

Team Staff Considerations
# of staff to transport: 1 # of staff per operational period: 1
Limits on staff hours of work per day: 12 Hours

Number of days initial staff will remain on scene: N/A
Who schedules staff rotation: N/A
Outside (commercial) personnel required: N/A who schedules: N/A

Team is self-sufficient for: N/A
Support needed after self-sufficient period: Food: N/A Water: N/A Housing: N/A
Special Needs: N/A

Comments / Notes / Special Considerations:

Need AC Power for Chargers

Updated as of 01/06/2012

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.20c MABAS Cache 4 Deployment/Activation

Asset Location (Address): 1300 S. Gilmer Rd. Wauconda

Deployment Contact:
Name: RED Center
Email:

7x24 Phone: 847.419.0911
Phone: 847.419.0911
EMnet:

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				
Resource Agency (Main)				
Resource Agency (Alt)	Paul Maplethorpe	Round Lake Fire Prot.	PMaplethorpe@roundlakefire.org	847.815.2600

Timing
Lead time to deploy: During work day 1 hr After Hours 3 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Radios need to be picked up (Preferred) / Delivery can be requested

On Scene:
Footprint: N/A sq. ft. Security Required? Y Type: Stored Inside locked Vehicle

Team Staff Considerations
# of staff to transport: 1 # of staff per operational period: 1
Limits on staff hours of work per day: 12 Hours

Number of days initial staff will remain on scene: N/A
Who schedules staff rotation: N/A
Outside (commercial) personnel required: N/A who schedules: N/A

Team is self-sufficient for: N/A
Support needed after self-sufficient period: Food: N/A Water: N/A Housing: N/A
Special Needs: N/A

Comments / Notes / Special Considerations:
Need AC Power for Chargers

Updated as of 01/06/2012

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.20d MABAS Cache 5 Deployment/Activation

Asset Location (Address): 233 West Hintz, Wheeling

Deployment Contact:
Name: RED Center
Email:

7x24 Phone: 847.419.0911
Phone: 847.419.0911
EMnet:

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				
Resource Agency (Main)				
Resource Agency (Alt)	Paul Maplethorpe	Round Lake Fire Prot.	PMaplethorpe@roundlakefire.org	847.815.2600

Timing
Lead time to deploy: During work day 1 hr After Hours 3 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Radios need to be picked up (Preferred) / Delivery can be requested

On Scene:
Footprint: N/A sq. ft. Security Required? Y Type: Stored Inside locked Vehicle

Team Staff Considerations
# of staff to transport: 1 # of staff per operational period: 1
Limits on staff hours of work per day: 12 Hours

Number of days initial staff will remain on scene: N/A
Who schedules staff rotation: N/A
Outside (commercial) personnel required: N/A who schedules: N/A

Team is self-sufficient for: N/A
Support needed after self-sufficient period: Food: N/A Water: N/A Housing: N/A
Special Needs: N/A

Comments / Notes / Special Considerations:
Need AC Power for Chargers

Updated as of 01/06/2012

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.20e MABAS Cache 6 Deployment/Activation

Asset Location (Address): 233 West Hintz, Wheeling

Deployment Contact:
Name: RED Center
Email:

7x24 Phone: 847.419.0911
Phone: 847.419.0911
EMnet:

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				
Resource Agency (Main)				
Resource Agency (Alt)	Paul Maplethorpe	Round Lake Fire Prot.	PMaplethorpe@roundlakefire.org	847.815.2600

Timing
Lead time to deploy: During work day 1 hr After Hours 3 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Radios need to be picked up (Preferred) / Delivery can be requested

On Scene:
Footprint: N/A sq. ft. Security Required? Y Type: Stored Inside locked Vehicle

Team Staff Considerations
# of staff to transport: 1 # of staff per operational period: 1
Limits on staff hours of work per day: 12 Hours

Number of days initial staff will remain on scene: N/A
Who schedules staff rotation: N/A
Outside (commercial) personnel required: N/A who schedules: N/A

Team is self-sufficient for: N/A
Support needed after self-sufficient period: Food: N/A Water: N/A Housing: N/A
Special Needs: N/A

Comments / Notes / Special Considerations:
Need AC Power for Chargers

Updated as of 01/06/2012

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.20f MABAS Cache 7 Deployment/Activation

Asset Location (Address): 233 West Hintz, Wheeling

Deployment Contact:
Name: RED Center
Email:

7x24 Phone: 847.419.0911
Phone: 847.419.0911
EMnet:

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				
Resource Agency (Main)				
Resource Agency (Alt)	Paul Maplethorpe	Round Lake Fire Prot.	PMaplethorpe@roundlakefire.org	847.815.2600

Timing
Lead time to deploy: During work day 1 hr After Hours 3 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Radios need to be picked up (Preferred) / Delivery can be requested

On Scene:
Footprint: N/A sq. ft. Security Required? Y Type: Stored Inside locked Vehicle

Team Staff Considerations
# of staff to transport: 1 # of staff per operational period: 1
Limits on staff hours of work per day: 12 Hours

Number of days initial staff will remain on scene: N/A
Who schedules staff rotation: N/A
Outside (commercial) personnel required: N/A who schedules: N/A

Team is self-sufficient for: N/A
Support needed after self-sufficient period: Food: N/A Water: N/A Housing: N/A
Special Needs: N/A

Comments / Notes / Special Considerations:
Need AC Power for Chargers

Updated as of 01/06/2012

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.20g MABAS Cache 8 Deployment/Activation

Asset Location (Address): 233 West Hintz, Wheeling

Deployment Contact:
Name: RED Center
Email:

7x24 Phone: 847.419.0911
Phone: 847.419.0911
EMnet:

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				
Resource Agency (Main)				
Resource Agency (Alt)	Paul Maplethorpe	Round Lake Fire Prot.	PMaplethorpe@roundlakefire.org	847.815.2600

Timing
Lead time to deploy: During work day 1 hr After Hours 3 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Radios need to be picked up (Preferred) / Delivery can be requested

On Scene:
Footprint: N/A sq. ft. Security Required? Y Type: Stored Inside locked Vehicle

Team Staff Considerations
# of staff to transport: 1 # of staff per operational period: 1
Limits on staff hours of work per day: 12 Hours

Number of days initial staff will remain on scene: N/A
Who schedules staff rotation: N/A
Outside (commercial) personnel required: N/A who schedules: N/A

Team is self-sufficient for: N/A
Support needed after self-sufficient period: Food: N/A Water: N/A Housing: N/A
Special Needs: N/A

Comments / Notes / Special Considerations:
Need AC Power for Chargers

Updated as of 01/06/2012

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.23 MABAS Cache 9

Equipment Location (City): 233 West Hintz, Wheeling

Service Area: Statewide or EMAC

Cache Type and Capacity

Make / Model:	Thales Liberty
Frequency Band:	VHF, UHF, 700/800, STARCOM21
Number of Radios in Cache:	48
Number of Available Channels:	2000+
Number of Spare Batteries:	48
Accessories per radio (Speaker Mic, Holster, etc)	Speaker Mic, Case.
Battery Charger (Individual or Multi-Unit)	Individual, Multi-Unit

Channels Programmed on Cache

	VHF	UHF	700/800
CH			
1	Standard	Standard	STARCOM21
2	State	State	Interoperable
3	Template	Template	Template
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			

Other Comments:

Need AC Power for Chargers

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.23a MABAS Cache 9 Deployment/Activation

Asset Location (Address): 233 West Hintz, Wheeling

Deployment Contact:
Name: RED Center
Email:

7x24 Phone: 847.419.0911
Phone: 847.419.0911
EMnet:

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				
Resource Agency (Main)				
Resource Agency (Alt)	Paul Maplethorpe	Round Lake Fire Prot.	PMaplethorpe@roundlakefire.org	847.815.2600

Timing
Lead time to deploy: During work day 1 hr After Hours 3 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Radios need to be picked up (Preferred) / Delivery can be requested

On Scene:
Footprint: N/A sq. ft. Security Required? Y Type: Stored Inside locked Vehicle

Team Staff Considerations
# of staff to transport: 1 # of staff per operational period: 1
Limits on staff hours of work per day: 12 Hours

Number of days initial staff will remain on scene: N/A
Who schedules staff rotation: N/A
Outside (commercial) personnel required: N/A who schedules: N/A

Team is self-sufficient for: N/A
Support needed after self-sufficient period: Food: N/A Water: N/A Housing: N/A
Special Needs: N/A

Comments / Notes / Special Considerations:
Need AC Power for Chargers

Updated as of 01/06/2012

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.24 OSFM SC21

Equipment Location (City): Springfield

Service Area: Statewide or EMAC

Cache Type and Capacity

Make / Model:	Motorola XTS5000
Frequency Band:	700/800 MHz
Number of Radios in Cache:	12
Number of Available Channels:	
Number of Spare Batteries:	12
Accessories per radio (Speaker Mic, Holster, etc)	
Battery Charger (Individual or Multi-Unit)	Individual

Channels Programmed on Cache

	Zone I	Zone II	Zone III
CH			
1	Statewide		
2	Interoperability		
3	Template		
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			

Other Comments:
Need AC Power for Chargers
Located in the DA-30 OSFM Command Van

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.24a OSFM SC21 Deployment/Activation

Asset Location (Address): 1035 Stevenson Drive, Springfield

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				
Resource Agency (Main)	Chris Valentine	OSFM	chris.valentine@illinois.gov	217-785-4713
Resource Agency (Alt)	Tom Fraase	OSFM	tom.fraase@illinois.gov	217-785-5620

Timing
Lead time to deploy: During work day 1 hr After Hours 3 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Radios need to be picked up (Preferred) / Delivery can be requested

On Scene:
Footprint: N/A sq. ft. Security Required? Y Type: Stored Inside locked Vehicle

Team Staff Considerations
# of staff to transport: 1 # of staff per operational period: 1
Limits on staff hours of work per day: 12 Hours

Number of days initial staff will remain on scene: N/A
Who schedules staff rotation: N/A
Outside (commercial) personnel required: N/A who schedules: N/A

Team is self-sufficient for: N/A
Support needed after self-sufficient period: Food: N/A Water: N/A Housing: N/A
Special Needs: N/A

Comments / Notes / Special Considerations:
Need AC Power for Chargers

Updated as of 01/06/2012

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.25 Tollway 800

Equipment Location (City): Downers Grove

Service Area: Statewide

Cache Type and Capacity

Make / Model:	Motorola HT1000
Frequency Band:	800 MHz
Number of Radios in Cache:	75
Number of Available Channels:	16
Number of Spare Batteries:	0
Accessories per radio (Speaker Mic, Holster, etc)	
Battery Charger (Individual or Multi-Unit)	

Channels Programmed on Cache

CH	Name	TX	TX PL	RX	RX PL
1	8CAL90D	851.0125	156.7	851.0125	156.7
2	8TAC91D	851.5125	156.7	851.5125	156.7
3	8TAC92D	852.0125	156.7	852.0125	156.7
4	8TAC93D	852.5125	156.7	852.5125	156.7
5	8TAC94D	853.0125	156.7	853.0125	156.7
6	8CAL90	806.0125	156.7	851.0125	156.7
7	8TAC91	806.5125	156.7	851.5125	156.7
8	8TAC92	807.0125	156.7	852.0125	156.7
9	8TAC93	807.5125	156.7	852.5125	156.7
10	8TAC94	808.0125	156.7	853.0125	156.7
11					
12	MNT Analog	855.9625	D546	855.9625	D546
13	RPTR A	810.9625	D205	855.9625	D546
14					
15					
16	CA EVAC	855.9625	D546	855.9625	D546

Other Comments:

Radios are programmed on NPSPAC 800 MHz Interoperability channels REBANDED

Need AC Power for Chargers

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.25a Tollway 800 Deployment/Activation

Asset Location (Address): 3460 Meyers Rd, Downers Grove

Deployment Contact:
Name: Tollway Dispatch
Email: dispatchpaging@tollway.state.il.us

7x24 Phone: 630.241.6800 x 3420
Phone: 630.241.6800 x 3405
EMnet:

Coordinating Agency (Main)				
Coordinating Agency (Alt)				
Resource Agency (Main)				
Resource Agency (Alt)	None			

Timing
Lead time to deploy: During work day 3 hrs After Hours 6 hrs
Time to set up after arrival on scene: 2 hr

Transportation
Delivery: Radios need to be picked up / Delivery can be requested

On Scene:
Footprint: N/A sq. ft. Security Required? Y Type: Stored Inside locked Vehicle

Team Staff Considerations
# of staff to transport: 1 # of staff per operational period: 1
Limits on staff hours of work per day: 16 Hours

Number of days initial staff will remain on scene: N/A
Who schedules staff rotation: N/A
Outside (commercial) personnel required: N/A who schedules: N/A

Team is self-sufficient for: N/A
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: N/A

Comments / Notes / Special Considerations:
Need AC Power for Chargers

Updated as of 01/06/2012

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.26 UCP 14, 15, 16 STARCOM21 Cache

Equipment Location (City): Glenview, Oak Park, Tinley Park

Service Area: Statewide

Cache Type and Capacity

Make / Model:	Motorola APX 7000
Frequency Band:	VHF and 700/800 STARCOM21
Number of Radios in Cache:	6
Number of Available Channels:	Varies
Number of Spare Batteries:	
Accessories per radio (Speaker Mic, Holster, etc)	
Battery Charger (Individual or Multi-Unit)	Multi-Unit

Channels Programmed on Cache

	VHF	UHF	700/800 MHz
CH			
1			STARCOM21
2			Interoperable
3			Template
4			
5			Cook County
6			Template
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			

Other Comments:

Need AC Power for Chargers

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.26a UCP 14 Deployment/Activation

Asset Location (Address): 1707 St Johns Avenue Highland Park

Deployment Contact: 7x24 Phone:
Name: Phone:
Email: EMnet:

Coordinating Agency (Main)	Jeff Rodrigues	Cook Co DHSEM	jeffrey.rodrigues@cookcountyil.gov	312.285.5639
Coordinating Agency (Alt)				
Resource Agency (Main)	Jeff Rodrigues	Cook Co DHSEM	jeffrey.rodrigues@cookcountyil.gov	312.285.5639
Resource Agency (Alt)	None			

Timing
Lead time to deploy: During work day 1 hr After Hours 3 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Radios need to be picked up (Preferred) / Delivery can be requested

On Scene:
Footprint: N/A sq. ft. Security Required? Y Type: Stored Radios Inside locked Vehicle

Team Staff Considerations
# of staff to transport: 1 # of staff per operational period: 1
Limits on staff hours of work per day: 12 Hours

Number of days initial staff will remain on scene: N/A
Who schedules staff rotation: N/A
Outside (commercial) personnel required: N/A who schedules: N/A

Team is self-sufficient for: N/A
Support needed after self-sufficient period: Food: N/A Water: N/A Housing: N/A
Special Needs: N/A

Comments / Notes / Special Considerations:

Need AC Power for Chargers

Updated as of 01/06/2012

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.26b UCP 15 Deployment/Activation

Asset Location (Address): 123 Madison St. Oak Park

Deployment Contact: 7x24 Phone:
Name: Phone:
Email: EMnet:

Coordinating Agency (Main)	Jeff Rodrigues	Cook Co DHSEM	jeffrey.rodrigues@cookcountyil.gov	312.285.5639
Coordinating Agency (Alt)				
Resource Agency (Main)	Jeff Rodrigues	Cook Co DHSEM	jeffrey.rodrigues@cookcountyil.gov	312.285.5639
Resource Agency (Alt)	None			

Timing
Lead time to deploy: During work day 1 hr After Hours 3 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Radios need to be picked up (Preferred) / Delivery can be requested

On Scene:
Footprint: N/A sq. ft. Security Required? Y Type: Stored Radios Inside locked Vehicle

Team Staff Considerations
# of staff to transport: 1 # of staff per operational period: 1
Limits on staff hours of work per day: 12 Hours

Number of days initial staff will remain on scene: N/A
Who schedules staff rotation: N/A
Outside (commercial) personnel required: N/A who schedules: N/A

Team is self-sufficient for: N/A
Support needed after self-sufficient period: Food: N/A Water: N/A Housing: N/A
Special Needs: N/A

Comments / Notes / Special Considerations:

Need AC Power for Chargers

Updated as of 01/06/2012

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

E.26c UCP 16 Deployment/Activation

Asset Location (Address): 15900 S Cicero Oak Forest

Deployment Contact: 7x24 Phone:
Name: Phone:
Email: EMnet:

Coordinating Agency (Main)	Jeff Rodrigues	Cook Co DHSEM	jeffrey.rodrigues@cookcountyil.gov	312.285.5639
Coordinating Agency (Alt)				
Resource Agency (Main)	Jeff Rodrigues	Cook Co DHSEM	jeffrey.rodrigues@cookcountyil.gov	312.285.5639
Resource Agency (Alt)				

Timing
Lead time to deploy: During work day 1 hr After Hours 3 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Radios need to be picked up (Preferred) / Delivery can be requested

On Scene:
Footprint: N/A sq. ft. Security Required? Y Type: Stored Radios Inside locked Vehicle

Team Staff Considerations
# of staff to transport: 1 # of staff per operational period: 1
Limits on staff hours of work per day: 12 Hours

Number of days initial staff will remain on scene: N/A
Who schedules staff rotation: N/A
Outside (commercial) personnel required: N/A who schedules: N/A

Team is self-sufficient for: N/A
Support needed after self-sufficient period: Food: N/A Water: N/A Housing: N/A
Special Needs: N/A

Comments / Notes / Special Considerations:

Need AC Power for Chargers

Updated as of 01/06/2012

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Appendix F Mobile Communications Units

Detailed information on Mobile Communications Units (MCU) (also known as Mobile Communications Units (MCU) or Mobile EOC) available within the state is listed on subsequent pages of Appendix F.

F.1 State Mobile Communications Units

Unit ID / Designator	FEMA Type	Owning / Host Agency	Deployment Area	Based At
IDOT District 2 MEOC	Type IV	IDOT	Statewide	Dixon
IDOT District 3 MEOC	Type IV	IDOT	Statewide	Ottawa
IDOT District 4 MEOC	Type IV	IDOT	Statewide	Peoria
IDOT District 5 MEOC	Type IV	IDOT	Statewide	Paris
IDOT District 6 MEOC	Type IV	IDOT	Statewide	Springfield
IDOT District 7 MEOC	Type IV	IDOT	Statewide	Effingham
IDOT District 3 MICC	Type IV	IDOT	Statewide	Ottawa
IEMA UAC	Type I	IEMA	Statewide	Springfield
IEMA Field Command 1	Type II	IEMA	Statewide	Springfield
IEMA Field Command 2	Type II	IEMA	Statewide	Springfield
IEMA SOW	Type IV	IEMA	Statewide	Springfield
IESMA EMAT Trailer 1	Type IV	EM-COM	Statewide	Bloomington
IESMA EMAT Trailer 2	Type IV	EM-COM	Statewide	Benton
IESMA EMAT Trailer 3	Type IV	EM-COM	Statewide	McHenry
IESMA EMAT Trailer 4	Type IV	EM-COM	Statewide	Lincoln
ILEAS Technology Support Vehicle	Type IV	ILEAS	Statewide	Urbana
ILEAS LE Only Command and Comms Trailer 2	Type IV	ILEAS	Statewide	Urbana
ILEAS LE Only Command and Comms Trailer 3	Type IV	ILEAS	Statewide	Belleville
ING CRCS Chicago (2)	Other	ING	Statewide	Chicago
ING CRCS Springfield	Other	ING	Statewide	Springfield
ING CRCS Milan	Other	ING	Statewide	Milan
ING CRCS Scott AFB	Other	ING	Statewide	Scott AFB

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ING JISCC Springfield	Other	ING	Statewide	Springfield
ING JISCC Peoria	Other	ING	Statewide	Peoria
ING JISCC Scott AFB	Other	ING	Statewide	Scott AFB
ISP Northern SOW	Type IV	ISP	Northern 1/3 of State	Sterling
ISP Central SOW	Type IV	ISP	Central 1/3 of State	Springfield
ISP Southern SOW	Type IV	ISP	Southern 1/3 of State	DuQuoin
ITECS 2	Type IV	Winnebago Co	Statewide	Rockford
ITECS 3	Type IV	Will Co	Statewide	Joliet
ITECS 4	Type IV	DuPage Co	Statewide	Wheaton
ITECS 5	Type IV	Chicago	Statewide	Chicago
ITECS 6	Type IV	Springfield	Statewide	Springfield
ITECS 7	Type IV	Champaign	Statewide	Champaign
ITECS 8	Type IV	St. Clair Co	Statewide	Sauget
ITECS 9	Type IV	Crawford Co	Statewide	Robinson
ITECS 11	Type IV	Williamson Co	Statewide	Marion
UCP 01	Type II	Adams Co	Statewide	Quincy
UCP 02	Type II	Bureau Co	Statewide	Princeton
UCP 03	Type II	DuPage Co	Statewide	Wheaton
UCP 04	Type II	Galesburg	Statewide	Galesburg
UCP 05	Type II	JoDaviess Co	Statewide	Galena
UCP 06	Type II	Kendall Co	Statewide	Yorkville
UCP 07	Type II	Madison Co	Statewide	Edwardsville
UCP 08	Type II	McLean Co	Statewide	Bloomington
UCP 09	Type II	Rock Island Co	Statewide	Rock Island
UCP 10	Type II	Tazewell Co	Statewide	Tremont
UCP 11	Type II	Jefferson Co	Statewide	Mt. Vernon
UCP 12	Type II	DuQuoin	Statewide	DuQuoin

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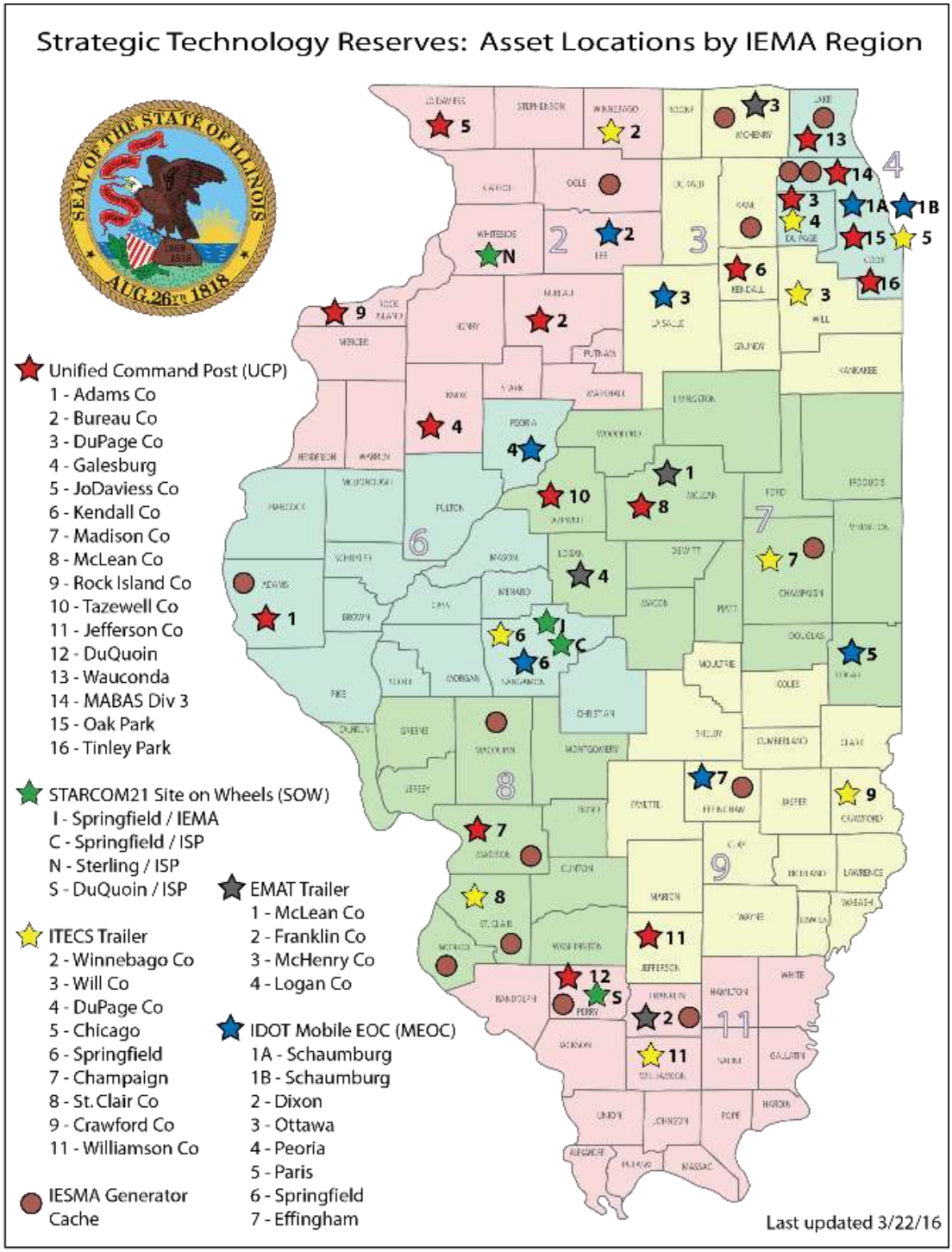
UCP 13	Type II	Wauconda	Statewide	Wauconda
UCP 14	Type II	MABAS Div. 3	Statewide	Glenview
UCP 15	Type II	Oak Park	Statewide	Oak Park
UCP 16	Type II	Tinley Park	Statewide	Tinley Park

F.2 Illinois STR Location Map



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F.3 IDOT MEOC

Unit ID / Designator:	MEOC
Location	Districts 2, 3, 4, 5, 6, 7
Service Area	Statewide
Type/Make/Model:	Trailer
Quantity:	1 each (District 1=3 District 7=2)
Latitude / Longitude	Various
FEMA Type (Type I, II, III, IV)	Type IV
Capability to Extend a LMR System	No
Microwave Connectivity Capability	No
Radio Capability (Portables)	LB#_0_ VHF#_0_ UHF#_0_ 700/800#_0_ 800#_0_ STARCOM21#_6_
Radio Capability (Mobiles)	HAM # 0 HF # 0 LB # 1 VHF # 1 UHF#_2_ 7/8 # 0 800# 0 STARCOM21 # 1 Marine # 1 Air # 1
Radio Capability (Base /Repeaters)	LB #_0_ VHF#_0_ UHF#_0_ 700/800#_0_ 800 #_0_ STARCOM21 #_0_
Number of Radio Operator Positions	2 with NCS 250 interop box and headset
Satellite Phone	No
Voice Lines (Type/Quantity)	Yes Can handle 2 via external source
PBX Installed	No
FAX Capability	Yes Multifunction Printer –needs Telco line
Computer Server Capability	No
Wi Fi	Yes Coverage Area: Inside Trailer
Computers	Yes Quantity:_2 (dedicated) + 3 from duty officer_
Printing Capability	Yes Quantity:_1_ Color
Scanning Capability	Yes Quantity:_1_ Color
Copying Capability	Yes Quantity:_1_ Color
Conference Space	Yes Seating Capacity: _4-6
Internet Access	Yes Cellular + external feed (Cellular = Cradle point)
Internet Access Speed in KBPS	Up _0_KBPS Down_0_ KBPS
Video Teleconference Capability	No
On Scene Video Monitoring Capability	No
GIS Ability	No
TV Reception Capability	Yes Over the Air / HD
Expandable Mast	Yes 22 Foot Flag Pole

Updated as of 01/06/2012

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F.3a District 2 MEOC Deployment/Activation

Asset Location (Address): Dixon

Deployment Contact (or Asset Dispatch Center): 7x24 Phone: 217.782.2937
Name: Tom Korty Phone: 217.782.2937
Email: thomas.korty@illinois.gov EMnet:

Coordinating Agency (Main)	Tom Korty	IDOT	thomas.korty@illinois.gov	217.782.2937
Coordinating Agency (Alt)	Steven Jackson			
Resource Agency (Main)	Tom Korty	IDOT	thomas.korty@illinois.gov	217.782.2937
Resource Agency (Alt)	None			

Timing
Lead time to deploy: During work day 3 hrs After Hours 3 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Delivered
Method: Trailer with F350 1 Ton
If **trailer only**: Hitch Type/Size: 2" Ball Electrical Connector Type: 7 Pin
Electric Brakes: Yes Required tow vehicle size/model: 1 Ton
Maximum Transport Speed: 55 Mph
Note any height, width or weight, restriction: None

On Scene:
Footprint: 800 sq. ft. Security Required? Yes Type: Needs to be in a secure/observed area

Team Staff Considerations
# of staff to transport: 3 # of staff per operational period: 4
Limits on staff hours of work per day: 12
Number of day(s) initial staff will remain on scene: 5
Who schedules staff rotation: Supervisor
Outside (commercial) personnel required: No who schedules: N/A

Team is self-sufficient for: 3 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Gasoline
Fuel Capacity: 5 Gallons - which will power the asset for approx.: 8 Hours
Asset has Shore Line: Yes Length: 100 (feet) NEMA Connector Type: various
Draw (Amps): 12 amps

Comments / Notes / Special Considerations:
None

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F.3b District 3 MEOC Deployment/Activation

Asset Location (Address): Ottawa

Deployment Contact (or Asset Dispatch Center): 7x24 Phone: 217.782.2937
Name: Tom Korty Phone: 217.782.2937
Email: thomas.korty@illinois.gov EMnet:

Coordinating Agency (Main)	Tom Korty	IDOT	thomas.korty@illinois.gov	217.782.2937
Coordinating Agency (Alt)	Steven Jackson			
Resource Agency (Main)	Tom Korty	IDOT	thomas.korty@illinois.gov	217.782.2937
Resource Agency (Alt)	None			

Timing
Lead time to deploy: During work day __3__ hrs After Hours __3__hrs
Time to set up after arrival on scene: __1__ hr

Transportation
Delivery: _____Delivered _
Method: _____Trailer with F350 1 Ton
If **trailer only**: Hitch Type/Size: ____2" Ball Electrical Connector Type: _7 Pin_
Electric Brakes: Yes Required tow vehicle size/model: _1 Ton__
Maximum Transport Speed: __55 Mph_
Note any height, width or weight, restriction: _None_

On Scene:
Footprint: _800_ sq. ft. Security Required? Yes Type: __Needs to be in a secure/observed area_

Team Staff Considerations
# of staff to transport:_3_ # of staff per operational period: _4_
Limits on staff hours of work per day: _12__
Number of day(s) initial staff will remain on scene: _5_
Who schedules staff rotation:_Supervisor
Outside (commercial) personnel required: _No_ who schedules: _N/A_

Team is self-sufficient for:_3_Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: _None_

Fuel / Power
Generator Fuel Type: Gasoline
Fuel Capacity: _5_ Gallons - which will power the asset for approx.: _8 Hours
Asset has Shore Line: Yes _Length: _100_ (feet) NEMA Connector Type: _various_
Draw (Amps): _12 amps_

Comments / Notes / Special Considerations:
None

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F.3c District 4 MEOC Deployment/Activation

Asset Location (Address): Peoria

Deployment Contact (or Asset Dispatch Center): 7x24 Phone: 217.782.2937
Name: Tom Korty Phone: 217.782.2937
Email: thomas.korty@illinois.gov EMnet:

Coordinating Agency (Main)	Tom Korty	IDOT	thomas.korty@illinois.gov	217.782.2937
Coordinating Agency (Alt)	Steven Jackson			
Resource Agency (Main)	Tom Korty	IDOT	thomas.korty@illinois.gov	217.782.2937
Resource Agency (Alt)	None			

Timing
Lead time to deploy: During work day 3 hrs After Hours 3 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Delivered
Method: Trailer with F350 1 Ton
If **trailer only**: Hitch Type/Size: 2" Ball Electrical Connector Type: 7 Pin
Electric Brakes: Yes Required tow vehicle size/model: 1 Ton
Maximum Transport Speed: 55 Mph
Note any height, width or weight, restriction: None

On Scene:
Footprint: 800 sq. ft. Security Required? Yes Type: Needs to be in a secure/observed area

Team Staff Considerations
# of staff to transport: 3 # of staff per operational period: 4
Limits on staff hours of work per day: 12
Number of day(s) initial staff will remain on scene: 5
Who schedules staff rotation: Supervisor
Outside (commercial) personnel required: No who schedules: N/A

Team is self-sufficient for: 3 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Gasoline
Fuel Capacity: 5 Gallons - which will power the asset for approx.: 8 Hours
Asset has Shore Line: Yes Length: 100 (feet) NEMA Connector Type: various
Draw (Amps): 12 amps

Comments / Notes / Special Considerations:
None

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F.3d District 5 MEOC Deployment/Activation

Asset Location (Address): Paris

Deployment Contact (or Asset Dispatch Center): 7x24 Phone: 217.782.2937
Name: Tom Korty Phone: 217.782.2937
Email: thomas.korty@illinois.gov EMnet:

Coordinating Agency (Main)	Tom Korty	IDOT	thomas.korty@illinois.gov	217.782.2937
Coordinating Agency (Alt)	Steven Jackson			
Resource Agency (Main)	Tom Korty	IDOT	thomas.korty@illinois.gov	217.782.2937
Resource Agency (Alt)	None			

Timing
Lead time to deploy: During work day 3 hrs After Hours 3 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Delivered
Method: Trailer with F350 1 Ton
If **trailer only**: Hitch Type/Size: 2" Ball Electrical Connector Type: 7 Pin
Electric Brakes: Yes Required tow vehicle size/model: 1 Ton
Maximum Transport Speed: 55 Mph
Note any height, width or weight, restriction: None

On Scene:
Footprint: 800 sq. ft. Security Required? Yes Type: Needs to be in a secure/observed area

Team Staff Considerations
# of staff to transport: 3 # of staff per operational period: 4
Limits on staff hours of work per day: 12
Number of day(s) initial staff will remain on scene: 5
Who schedules staff rotation: Supervisor
Outside (commercial) personnel required: No who schedules: N/A

Team is self-sufficient for: 3 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Gasoline
Fuel Capacity: 5 Gallons - which will power the asset for approx.: 8 Hours
Asset has Shore Line: Yes Length: 100 (feet) NEMA Connector Type: various
Draw (Amps): 12 amps

Comments / Notes / Special Considerations:
None

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F.3e District 6 MEOC Deployment/Activation

Asset Location (Address): Springfield

Deployment Contact (or Asset Dispatch Center): 7x24 Phone: 217.782.2937
Name: Tom Korty Phone: 217.782.2937
Email: thomas.korty@illinois.gov EMnet:

Coordinating Agency (Main)	Tom Korty	IDOT	thomas.korty@illinois.gov	217.782.2937
Coordinating Agency (Alt)	Steven Jackson			
Resource Agency (Main)	Tom Korty	IDOT	thomas.korty@illinois.gov	217.782.2937
Resource Agency (Alt)	None			

Timing
Lead time to deploy: During work day 3 hrs After Hours 3 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Delivered
Method: Trailer with F350 1 Ton
If **trailer only**: Hitch Type/Size: 2" Ball Electrical Connector Type: 7 Pin
Electric Brakes: Yes Required tow vehicle size/model: 1 Ton
Maximum Transport Speed: 55 Mph
Note any height, width or weight, restriction: None

On Scene:
Footprint: 800 sq. ft. Security Required? Yes Type: Needs to be in a secure/observed area

Team Staff Considerations
# of staff to transport: 3 # of staff per operational period: 4
Limits on staff hours of work per day: 12
Number of day(s) initial staff will remain on scene: 5
Who schedules staff rotation: Supervisor
Outside (commercial) personnel required: No who schedules: N/A

Team is self-sufficient for: 3 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Gasoline
Fuel Capacity: 5 Gallons - which will power the asset for approx.: 8 Hours
Asset has Shore Line: Yes Length: 100 (feet) NEMA Connector Type: various
Draw (Amps): 12 amps

Comments / Notes / Special Considerations:
None

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F.3f District 7 MEOC Deployment/Activation

Asset Location (Address): Effingham

Deployment Contact (or Asset Dispatch Center): 7x24 Phone: 217.782.2937
Name: Tom Korty Phone: 217.782.2937
Email: thomas.korty@illinois.gov EMnet:

Coordinating Agency (Main)	Tom Korty	IDOT	thomas.korty@illinois.gov	217.782.2937
Coordinating Agency (Alt)	Steven Jackson			
Resource Agency (Main)	Tom Korty	IDOT	thomas.korty@illinois.gov	217.782.2937
Resource Agency (Alt)	None			

Timing
Lead time to deploy: During work day 3 hrs After Hours 3 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Delivered
Method: Trailer with F350 1 Ton
If **trailer only**: Hitch Type/Size: 2" Ball Electrical Connector Type: 7 Pin
Electric Brakes: Yes Required tow vehicle size/model: 1 Ton
Maximum Transport Speed: 55 Mph
Note any height, width or weight, restriction: None

On Scene:
Footprint: 800 sq. ft. Security Required? Yes Type: Needs to be in a secure/observed area

Team Staff Considerations
# of staff to transport: 3 # of staff per operational period: 4
Limits on staff hours of work per day: 12
Number of day(s) initial staff will remain on scene: 5
Who schedules staff rotation: Supervisor
Outside (commercial) personnel required: No who schedules: N/A

Team is self-sufficient for: 3 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Gasoline
Fuel Capacity: 5 Gallons - which will power the asset for approx.: 8 Hours
Asset has Shore Line: Yes Length: 100 (feet) NEMA Connector Type: various
Draw (Amps): 12 amps

Comments / Notes / Special Considerations:
None

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F.4 IDOT Dist. 3 MICC

Unit ID / Designator:	MICC
Location	Ottawa
Service Area	Statewide
Type/Make/Model:	Truck
Quantity:	1
Latitude / Longitude	
FEMA Type (Type I, II, III, IV)	Type IV
Capability to Extend a LMR System	No
Microwave Connectivity Capability	No
Radio Capability (Portables)	LB #_0_ VHF#_0_ UHF#_0_ 700/800#_0_ 800 #_0_ STARCOM21 #_0_
Radio Capability (Mobiles)	HAM # 0 HF # 0 LB # 2 VHF # 2 UHF#_0_ 7/8 # 0 800# 0 STARCOM21 # 1 Marine # 1 Air # 0
Radio Capability (Base /Repeaters)	LB #_0_ VHF#_0_ UHF#_0_ 700/800#_0_ 800 #_0_ STARCOM21 #_0_
Number of Radio Operator Positions	2
Satellite Phone	No
Voice Lines (Type/Quantity)	Yes Can handle 2 via external source
PBX Installed	No
FAX Capability	Yes Needs external Telco Line
Computer Server Capability	No
Wi Fi / LAN	Yes In Trailer Coverage
Computers	Yes Quantity:_4_
Printing Capability	Yes / N Quantity:_1_ Color
Scanning Capability	Y / N Quantity:_0_ Color / BW
Copying Capability	Y / N Quantity:_0_ Color / BW
Conference Space	Yes Seating Capacity: _4
Internet Access	Yes Cellular + external feed (Cellular = Cradle point
Internet Access Speed in KBPS	Up _0_KBPS Down_0_ KBPS
Video Teleconference Capability	Y / No Type:_0_
On Scene Video Monitoring Capability	No
GIS Ability	No Software Type / Plotter Size
TV Reception Capability	Yes Over the Air
Expandable Mast	Yes 22 Foot Flag Pole

Updated as of 01/06/2012

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F.4a IDOT Dist. 3 MICC Deployment/Activation

Asset Location (Address):

Deployment Contact (or Asset Dispatch Center): 7x24 Phone: 217.782.2937
Name: Tom Korty Phone: 217.782.2937
Email: thomas.korty@illinois.gov EMnet

Coordinating Agency (Main)	Tom Korty	IDOT	thomas.korty@illinois.gov	217.782.2937
Coordinating Agency (Alt)	Steven Jackson			
Resource Agency (Main)	Tom Korty	IDOT	thomas.korty@illinois.gov	217.782.2937
Resource Agency (Alt)	None			

Timing
Lead time to deploy: During work day __3__ hrs After Hours __3__hrs
Time to set up after arrival on scene: __1__ hr

Transportation
Delivery: _____Delivered__
Method: _____Self-Propelled
If **trailer only**: Hitch Type/Size: ___N/A Electrical Connector Type: _N/A_
Electric Brakes: N/A Required tow vehicle size/model: _N/A__
Maximum Transport Speed: _55 Mph_
Note any height, width or weight, restriction: _None_

On Scene:
Footprint: _800_ sq. ft. Security Required? Yes Type: _Needs to be in a secure/observed area_

Team Staff Considerations
# of staff to transport:_3_ # of staff per operational period: _4_
Limits on staff hours of work per day: _12__
Number of day(s) initial staff will remain on scene: _5_
Who schedules staff rotation:_Supervisor
Outside (commercial) personnel required: _No_ who schedules: _N/A_

Team is self-sufficient for:_3_Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: _None_

Fuel / Power
Generator Fuel Type: Gasoline
Fuel Capacity: _5_ Gallons - which will power the asset for approx.: _8 Hours
Asset has Shore Line: Yes_Length: _100_ (feet) NEMA Connector Type: _Various_
Draw (Amps): _12 amps_

Comments / Notes / Special Considerations:
_Tows MICC/MEOC support trailer. Support trailer has 2 (min) 5 Gal Gasoline Cans _

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.5 IEMA UAC

Unit ID / Designator:	UAC
Location	Springfield
Service Area	Statewide
Type/Make/Model:	LDV Semi-Tractor/trailer
Quantity:	1
Latitude / Longitude	
FEMA Type (Type I, II, III, IV)	Type I
Capability to Extend a LMR System	Yes
Microwave Connectivity Capability	No
Radio Capability (Portables)	LB #_0_ VHF#_0_ UHF#_0_ 700/800#_0_ 800 #_0_ STARCOM21 #_0_
Radio Capability (Mobiles)	HAM # 0 HF # 0 LB # 1 VHF # 1 UHF#_1_7/8 # 0 800# 0 STARCOM21 # 1 Marine # 0 Air # 0
Radio Capability (Base /Repeaters)	LB #_0_ VHF#_0_ UHF#_0_ 700/800#_0_ 800 #_0_ STARCOM21 #_0_
Number of Radio Operator Positions	2 MCU5500
Satellite Phone	No
Voice Lines (Type/Quantity)	Yes VOIP / Cellular / Terrestrial #_30_
PBX Installed	Yes # of CO Lines_32_ # of Stations_32_ DID Lines
FAX Capability	Yes Via: Cellular / Landline / VoIP
Computer Server Capability	No
Wi Fi	Yes Coverage Area: Inside Vehicle
Computers	Yes Quantity:_20_
Printing Capability	Yes Quantity:_1_ Color
Scanning Capability	Yes Quantity:_1_ Color
Copying Capability	Yes Quantity:_1_ Color
Conference Space	Yes Seating Capacity: _20_
Internet Access	Yes Type: Satellite / Terrestrial / Cellular Separate Vehicle)
Internet Access Speed in KBPS	Up _500-1000_KBPS Down_500-3000_ KBPS
Video Teleconference Capability	No Equipment can be requested
On Scene Video Monitoring Capability	Yes Fixed / Portable (carried in separate Vehicle
GIS Ability	Yes Software Type / Plotter Size
TV Reception Capability	Yes DSS / Over the Air / Cable
Expandable Mast	Yes Height _45_ Feet Camera

Updated as of 01/06/2012

F.5a IEMA UAC Deployment/Activation

Asset Location (Address): 4800 Roger Street, Springfield

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Coordinating Agency (Main)	Walt Lewis	Agency	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				
Resource Agency (Main)	Walt Lewis	Agency	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Resource Agency (Alt)				

Timing
Lead time to deploy: During work day 12-24 hrs / days After Hours 12-24 hrs / days
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Delivered
Method: Self-Propelled
If **trailer only**: Hitch Type/Size: N/A Electrical Connector Type: N/A
Electric Brakes: N/A Required tow vehicle size/model: N/A
Maximum Transport Speed: 55 Mph
Note any height, width or weight, restriction: Height Restrictions

On Scene:
Footprint: 1500 sq. ft. Security Required? Yes Type: Needs to be in a secure/observed area

Team Staff Considerations
# of staff to transport: 3 # of staff per operational period: 0
Limits on staff hours of work per day: 7.5 hours
Number of day(s) initial staff will remain on scene: 5
Who schedules staff rotation: Resource Agency
Outside (commercial) personnel required: No who schedules: N/A

Team is self-sufficient for: 0 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Diesel
Fuel Capacity: 100 Gallons - which will power the asset for approx.: 3 days
Asset has Shore Line: Yes Length: 75 (feet) NEMA Connector Type: pigtail on hand
Draw (Amps): xx amps 208 3 phase (NEED ELECTRICIAN TO WIRE SHORE POWER)

Comments / Notes / Special Considerations:
Tow vehicle and trailer to accompany the UAC
Needs to be parked on a flat paved area

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.6 IEMA Field Command 1 & 2

Unit ID / Designator:	Field Command 1 & Field Command 2
Location	Springfield
Service Area	Statewide
Type/Make/Model:	NOMAD
Quantity:	2
Latitude / Longitude	
FEMA Type (Type I, II, III, IV)	Type II
Capability to Extend a LMR System	Yes - (Repeaters can be requested)
Microwave Connectivity Capability	Yes
Radio Capability (Portables)	LB #_0_ VHF#_1_ UHF#_0_ 700/800#_0_ 800 #_0_ STARCOM21 #_0_
Radio Capability (Mobiles)	HAM # 0 HF # 0 LB # 1 VHF # 1 UHF#_1_7/8 # 0 800# 0 STARCOM21 # 1 Marine # 1 Air # 1
Radio Capability (Base /Repeaters)	LB #_0_ VHF#_0_ UHF#_0_ 700/800#_0_ 800 #_0_ STARCOM21 #_0_
Number of Radio Operator Positions	1
Satellite Phone	No
Voice Lines (Type/Quantity)	Yes VOIP / Cellular / Terrestrial #_8_
PBX Installed	Yes # of CO Lines_6_ # of Stations_16_
FAX Capability	Yes Via: Cellular / Landline
Computer Server Capability	Yes
Wi Fi	Yes Coverage Area: Inside Vehicle
Computers	Yes Quantity:_9_
Printing Capability	Yes Quantity:_1_ Color
Scanning Capability	Yes Quantity:_ 1_ Color
Copying Capability	Yes Quantity:_ 1_ Color
Conference Space	Yes Seating Capacity: _15_
Internet Access	Yes Type: Satellite / Terrestrial / Cellular
Internet Access Speed in KBPS	Up _1500_KBPS Down_1500_ KBPS
Video Teleconference Capability	No Equipment can be requested
On Scene Video Monitoring Capability	Yes Fixed / Portable (in Separate Vehicle)
GIS Ability	No
TV Reception Capability	Yes DSS / Over the Air / Cable / Combination Specify_0_
Expandable Mast	Yes Height _50_ Feet Camera / Antenna

Updated as of 01/06/2012

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F.6a IEMA Field Command 1 Deployment/Activation

Asset Location (Address): 4800 Roger Street, Springfield

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Resource Agency (Main)	Walt Lewis	Agency	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Resource Agency (Alt)				
Resource Agency (Main)	Walt Lewis	Agency	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Resource Agency (Alt)				

Timing
Lead time to deploy: During work day 12-24 hrs / days After Hours 12-24 hrs / days
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Delivered
Method: Self-Propelled
If **trailer only**: Hitch Type/Size: N/A Electrical Connector Type: N/A
Electric Brakes: N/A Required tow vehicle size/model: N/A
Maximum Transport Speed: 55 Mph
Note any height, width or weight, restriction: Height Restrictions

On Scene:
Footprint: 750 sq. ft. Security Required? Yes Type: Needs to be in a secure/observed area

Team Staff Considerations
# of staff to transport: 2 # of staff per operational period: 1
Limits on staff hours of work per day: 7.5 hours
Number of day(s) initial staff will remain on scene: 5
Who schedules staff rotation: Resource Agency
Outside (commercial) personnel required: No who schedules: N/A

Team is self-sufficient for: 0 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Diesel
Fuel Capacity: 0 Gallons - which will power the asset for approx.: 0 hrs / days
Asset has Shore Line: Yes Length: 75 (feet) NEMA Connector Type: 0
Draw (Amps): xx amps

Comments / Notes / Special Considerations:
None

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.6b IEMA Field Command 2 Deployment/Activation

Asset Location (Address): 4800 Roger Street, Springfield

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Resource Agency (Main)	Walt Lewis	Agency	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Resource Agency (Alt)				
Resource Agency (Main)	Walt Lewis	Agency	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Resource Agency (Alt)				

Timing
Lead time to deploy: During work day 12-24 hrs / days After Hours 12-24 hrs / days
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Delivered
Method: Self-Propelled
If **trailer only**: Hitch Type/Size: N/A Electrical Connector Type: N/A
Electric Brakes: N/A Required tow vehicle size/model: N/A
Maximum Transport Speed: 55 Mph
Note any height, width or weight, restriction: Height Restrictions

On Scene:
Footprint: 750 sq. ft. Security Required? Yes Type: Needs to be in a secure/observed area

Team Staff Considerations
# of staff to transport: 2 # of staff per operational period: 1
Limits on staff hours of work per day: 7.5 hours
Number of day(s) initial staff will remain on scene: 5
Who schedules staff rotation: Resource Agency
Outside (commercial) personnel required: No who schedules: N/A

Team is self-sufficient for: 0 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Diesel
Fuel Capacity: 0 Gallons - which will power the asset for approx.: 0 hrs / days
Asset has Shore Line: Yes Length: 75 (feet) NEMA Connector Type: 0
Draw (Amps): xx amps

Comments / Notes / Special Considerations:
None

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.7 IEMA SOW

Unit ID / Designator:	SOW
Location	Springfield
Service Area	Statewide
Type/Make/Model:	Trailer Pioneer Energy Products / MSMCS-65
Quantity:	1
Latitude / Longitude	
FEMA Type (Type I, II, III, IV)	Other
Capability to Extend a LMR System	Yes
Microwave Connectivity Capability	No
Radio Capability (Portables)	LB #_0_ VHF#_0_ UHF#_0_ 700/800#_0_ 800 #_0_ STARCOM21 #_0_
Radio Capability (Mobiles)	HAM # 0 HF # 0 LB # 0 VHF # 0 UHF#_0_7/8 # 0 800# 0 STARCOM21 # 0 Marine # 0 Air # 0
Radio Capability (Base /Repeaters)	LB #_0_ VHF#_0_ UHF#_0_ 700/800#_0_ 800 #_1_ STARCOM21 #_3_
Number of Radio Operator Positions	0
Satellite	Yes STARCOM21 Network backhaul Only
Voice Lines (Type/Quantity)	No
PBX Installed	No
FAX Capability	No
Computer Server Capability	No
Wi Fi	No
Computers	No
Printing Capability	No
Scanning Capability	No
Copying Capability	No
Conference Space	No
Internet Access	No
Internet Access Speed in KBPS	No
Video Teleconference Capability	No
On Scene Video Monitoring Capability	No
GIS Ability	No
TV Reception Capability	No
Expandable Mast	Yes Height _80_ Feet 4 Coax

Updated as of 01/06/2012

F.7a IEMA SOW Deployment/Activation

Asset Location (Address): 4800 Roger Street, Springfield

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Resource Agency (Main)	Walt Lewis	Agency	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Resource Agency (Alt)				
Resource Agency (Main)	Walt Lewis	Agency	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Resource Agency (Alt)				

Timing
Lead time to deploy: During work day 12-24 hrs After Hours 12-24 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Delivered
Method: Trailer or Airlift
If **trailer only**: Hitch Type/Size: 2-5/8 ball Electrical Connector Type: 7 pin
Electric Brakes: yes Required tow vehicle size/model: Ford 550 or bigger
Maximum Transport Speed: 55 Mph
Note any height, width or weight, restriction: None

On Scene:
Footprint: 500 sq. ft. Security Required? Yes Type: Needs to be in a secure/observed area

Team Staff Considerations
# of staff to transport: 2 # of staff per operational period: 0
Limits on staff hours of work per day: None
Number of day(s) initial staff will remain on scene: 5
Who schedules staff rotation: Resource Agency
Outside (commercial) personnel required: Yes who schedules: Resource Agency

Team is self-sufficient for: 0 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Diesel
Fuel Capacity: 25 Gallons - which will power the asset for approx.: 1.5 days
Asset has Shore Line: Y / N Length: 0 (feet) NEMA Connector Type: 0
Draw (Amps): 0

Comments / Notes / Special Considerations:
Check every 24 hours
Installed a 800 MHz repeater operating on 8TAC94

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.8 IESMA EMAT Comm Trailer

Unit ID / Designator:	IESMA EMAT
Location	McLean Co
Service Area	Statewide
Type/Make/Model:	
Quantity:	1
FEMA Type (Type I, II, III, IV)	Type IV
Capability to Extend a LMR System	No
Microwave Connectivity Capability	No
Radio Capability (Portables)	LB #_1_ VHF#_1_ UHF#_1_ 700/800#_0_ 800 #_0_ STARCOM21 #_1_
Radio Capability (Mobiles)	HAM # 0 HF # 0 LB # 0 VHF # 0 UHF#_0 7/8 # 0 800# 0 STARCOM21 # 0 Marine # 0
Radio Capability (Base /Repeaters)	LB #_0_ VHF#_0_ UHF#_0_ 700/800#_0_ 800 #_0_ STARCOM21 #_0_
Number of Radio Operator Positions	0
Satellite Phone	Y / N Quantity: _0_ Make and Model _0_
Voice Lines (Type/Quantity)	Y / N VOIP / Cellular / Terrestrial / BGAN #_0_
PBX Installed	
FAX Capability	
Computer Server Capability	
Wi Fi	Y / N Coverage Area:
Computers	Y / N Quantity:_0_
Printing Capability	Yes Quantity:_2_ Color
Scanning Capability	Yes Quantity:_1_ Color
Copying Capability	Yes Quantity:_1_ Color
Conference Space	Yes Seating Capacity: _6_
Internet Access	Yes Type: Satellite / Terrestrial / Cellular / BGAN
Internet Access Speed in KBPS	Up _128_KBPS Down_256_ KBPS
Video Teleconference Capability	No
On Scene Video Monitoring Capability	No
GIS Ability	Y / N Software Type / Plotter Size
TV Reception Capability	No
Expandable Mast	No

Updated as of 01/06/2012

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.8a IESMA EMAT Comm Trailer 1 Deployment/Activation

Asset Location (Address): Bloomington

Deployment Contact:
Name: EMCOMM
Email:

7x24 Phone: 217.732.4311
Phone:
EMnet:

Coordinating Agency (Main)	Bucky Washam	Agency	loganemcom@lincoln.il.us	217.723.6332
Coordinating Agency (Alt)	Dan Fulscher	Agency	loganetsb@lincoln.il.us	217.732.9491
Resource Agency (Main)	Name	Agency	Email	Tel 24x7 Tel
Resource Agency (Alt)	Name	Agency	Email	Tel 24x7 Tel

Timing
Lead time to deploy: During work day 12-24 hrs / days After Hours 12-24 hrs / days
Time to set up after arrival on scene: 1 hrs

Transportation
Delivery: Delivered
Method: Trailer
If **trailer only**: Hitch Type/Size: ?? Electrical Connector Type: ??
Electric Brakes: ?? Required tow vehicle size/model: ??
Maximum Transport Speed: 55 Mph
Note any height, width or weight, restriction: None

On Scene:
Footprint: 500 sq. ft. Security Required? Yes Type: Needs to be in a secure/observed area

Team Staff Considerations
# of staff to transport: 0 # of staff per operational period: 0
Limits on staff hours of work per day: None
Number of day(s) initial staff will remain on scene: 0
Who schedules staff rotation: Resource Agency
Outside (commercial) personnel required: No who schedules: N/A

Team is self-sufficient for: 0 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Diesel / LP / Gasoline
Fuel Capacity: 0 Gallons - which will power the asset for approx.: 0 hrs / days
Asset has Shore Line: Y / N Length: 0 (feet) NEMA Connector Type: 0
Draw (Amps): 0

Comments / Notes / Special Considerations:
Comments here

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.8b IESMA EMAT Comm Trailer 2 Deployment/Activation

Asset Location (Address): Benton

Deployment Contact:
Name: EMCOMM
Email:

7x24 Phone: 217.732.4311
Phone:
EMnet:

Coordinating Agency (Main)	Bucky Washam	Agency	loganemcom@lincoln.il.us	217.723.6332
Coordinating Agency (Alt)	Dan Fulscher	Agency	loganetsb@lincoln.il.us	217.732.9491
Resource Agency (Main)	Name	Agency	Email	Tel 24x7 Tel
Resource Agency (Alt)	Name	Agency	Email	Tel 24x7 Tel

Timing
Lead time to deploy: During work day 12-24 hrs / days After Hours 12-24 hrs / days
Time to set up after arrival on scene: 1 hrs

Transportation
Delivery: Delivered
Method: Trailer
If **trailer only**: Hitch Type/Size: ?? Electrical Connector Type: ??
Electric Brakes: ?? Required tow vehicle size/model: ??
Maximum Transport Speed: 55 Mph
Note any height, width or weight, restriction: None

On Scene:
Footprint: 500 sq. ft. Security Required? Yes Type: Needs to be in a secure/observed area

Team Staff Considerations
# of staff to transport: 0 # of staff per operational period: 0
Limits on staff hours of work per day: None
Number of day(s) initial staff will remain on scene: 0
Who schedules staff rotation: Resource Agency
Outside (commercial) personnel required: No who schedules: N/A

Team is self-sufficient for: 0 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Diesel / LP / Gasoline
Fuel Capacity: 0 Gallons - which will power the asset for approx.: 0 hrs / days
Asset has Shore Line: Y / N Length: 0 (feet) NEMA Connector Type: 0
Draw (Amps): 0

Comments / Notes / Special Considerations:
Comments here

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F.8c IESMA EMAT Comm Trailer 3 Deployment/Activation

Asset Location (Address): Crystal Lake

Deployment Contact:
Name: EMCOMM
Email:

7x24 Phone: 217.732.4311
Phone:
EMnet:

Coordinating Agency (Main)	Bucky Washam	Agency	loganemcom@lincoln.il.us	217.723.6332
Coordinating Agency (Alt)	Dan Fulscher	Agency	loganetsb@lincoln.il.us	217.732.9491
Resource Agency (Main)	Name	Agency	Email	Tel 24x7 Tel
Resource Agency (Alt)	Name	Agency	Email	Tel 24x7 Tel

Timing
Lead time to deploy: During work day 12-24 hrs / days After Hours 12-24 hrs / days
Time to set up after arrival on scene: 1 hrs

Transportation
Delivery: Delivered
Method: Trailer
If **trailer only**: Hitch Type/Size: ?? Electrical Connector Type: ??
Electric Brakes: ?? Required tow vehicle size/model: ??
Maximum Transport Speed: 55 Mph
Note any height, width or weight, restriction: None

On Scene:
Footprint: 500 sq. ft. Security Required? Yes Type: Needs to be in a secure/observed area

Team Staff Considerations
# of staff to transport: 0 # of staff per operational period: 0
Limits on staff hours of work per day: None
Number of day(s) initial staff will remain on scene: 0
Who schedules staff rotation: Resource Agency
Outside (commercial) personnel required: No who schedules: N/A

Team is self-sufficient for: 0 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Diesel / LP / Gasoline
Fuel Capacity: 0 Gallons - which will power the asset for approx.: 0 hrs / days
Asset has Shore Line: Y / N Length: 0 (feet) NEMA Connector Type: 0
Draw (Amps): 0

Comments / Notes / Special Considerations:
Comments here

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.8d IESMA EMAT Comm Trailer 4 Deployment/Activation

Asset Location (Address): Lincoln

Deployment Contact:
Name: EMCOMM
Email:

7x24 Phone: 217.732.4311
Phone:
EMnet:

Coordinating Agency (Main)	Bucky Washam	Agency	loganemcom@lincoln.il.us	217.723.6332
Coordinating Agency (Alt)	Dan Fulscher	Agency	loganetsb@lincoln.il.us	217.732.9491
Resource Agency (Main)	Name	Agency	Email	Tel 24x7 Tel
Resource Agency (Alt)	Name	Agency	Email	Tel 24x7 Tel

Timing
Lead time to deploy: During work day 12-24 hrs / days After Hours 12-24 hrs / days
Time to set up after arrival on scene: 1 hrs

Transportation
Delivery: Delivered
Method: Trailer
If **trailer only**: Hitch Type/Size: ?? Electrical Connector Type: ??
Electric Brakes: ?? Required tow vehicle size/model: ??
Maximum Transport Speed: 55 Mph
Note any height, width or weight, restriction: None

On Scene:
Footprint: 500 sq. ft. Security Required? Yes Type: Needs to be in a secure/observed area

Team Staff Considerations
# of staff to transport: 0 # of staff per operational period: 0
Limits on staff hours of work per day: None
Number of day(s) initial staff will remain on scene: 0
Who schedules staff rotation: Resource Agency
Outside (commercial) personnel required: No who schedules: N/A

Team is self-sufficient for: 0 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Diesel / LP / Gasoline
Fuel Capacity: 0 Gallons - which will power the asset for approx.: 0 hrs / days
Asset has Shore Line: Y / N Length: 0 (feet) NEMA Connector Type: 0
Draw (Amps): 0

Comments / Notes / Special Considerations:
Comments here

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.9 ILEAS Law Enforcement Command and Communications Trailers

Unit ID / Designator:	X
Location	X
Service Area	Statewide
Type/Make/Model:	X
Quantity:	1
Latitude / Longitude	X
FEMA Type (Type I, II, III, IV)	Type I II III IV
Capability to Extend a LMR System	X
Microwave Connectivity Capability	X
Radio Capability (Portables)	LB #_0_ VHF#_0_ UHF#_0_ 700/800#_0_ 800 #_0_ STARCOM21 #_0_
Radio Capability (Mobiles)	HAM # 0 HF # 0 LB # 0 VHF # 0 UHF#_0_7/8 # 0 800# 0 STARCOM21 # 0 Marine # 0 Air # 0
Radio Capability (Base /Repeaters)	LB #_0_ VHF#_0_ UHF#_0_ 700/800#_0_ 800 #_0_ STARCOM21 #_0_
Number of Radio Operator Positions	
Satellite	
Voice Lines (Type/Quantity)	
PBX Installed	
FAX Capability	Y / N Quantity: _0_ Make and Model _0_
Computer Server Capability	Y / N VOIP / Cellular / Terrestrial / BGAN #_0_
Wi Fi	Y / N # of CO Lines_0_ # of Stations_0_
Computers	Y / N Via: Cellular / Landline / VoIP
Printing Capability	Y / N
Scanning Capability	Y / N Coverage Area:
Copying Capability	Y / N Quantity:_0_
Conference Space	Y / N Quantity:_0_ Color / BW
Internet Access	Y / N Quantity:_0_ Color / BW
Internet Access Speed in KBPS	Y / N Quantity:_0_ Color / BW
Video Teleconference Capability	Y / N Seating Capacity: _0_
On Scene Video Monitoring Capability	Y / N Type: Satellite / Terrestrial / Cellular / BGAN
GIS Ability	Up _0_KBPS Down_0_ KBPS
TV Reception Capability	Y / N Type:_0_
Expandable Mast	Y / N Fixed / Portable / Both

Updated as of 01/06/2012

F.9a ILEAS Law Enforcement Command and Communications Trailer 2 Deployment/Activation

Asset Location (Address): Urbana

Deployment Contact:
Name: NW County Dispatch
Email:

7x24 Phone: 847-398-1130
Phone: 847-398-1130
EMnet:

Coordinating Agency (Main)	Russ Gentry	ILEAS	rlgentry@ileas.org	618.973.0139
Coordinating Agency (Alt)				
Resource Agency (Main)	Russ Gentry	ILEAS	rlgentry@ileas.org	618.973.0139
Resource Agency (Alt)				

Timing
Lead time to deploy: During work day 12-24 hrs / days After Hours 12-24 hrs / days
Time to set up after arrival on scene: 1 hrs

Transportation
Delivery: Delivered
Method: Trailer
If **trailer only**: Hitch Type/Size: ?? Electrical Connector Type: ??
Electric Brakes: ?? Required tow vehicle size/model: ??
Maximum Transport Speed: 55 Mph
Note any height, width or weight, restriction: None

On Scene:
Footprint: 500 sq. ft. Security Required? Yes Type: Needs to be in a secure/observed area

Team Staff Considerations
# of staff to transport: 0 # of staff per operational period: 0
Limits on staff hours of work per day: None
Number of day(s) initial staff will remain on scene: 0
Who schedules staff rotation: Resource Agency
Outside (commercial) personnel required: No who schedules: N/A

Team is self-sufficient for: 0 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Diesel / LP / Gasoline
Fuel Capacity: 0 Gallons - which will power the asset for approx.: 0 hrs / days
Asset has Shore Line: Y / N Length: 0 (feet) NEMA Connector Type: 0
Draw (Amps): 0

Comments / Notes / Special Considerations:
Comments here

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F.9b ILEAS Law Enforcement Command and Communications Trailer 3 Deployment/Activation

Asset Location (Address): Bellville

Deployment Contact:
Name: NW County Dispatch
Email:

7x24 Phone: 847-398-1130
Phone: 847-398-1130
EMnet:

Coordinating Agency (Main)	Russ Gentry	ILEAS	rlgentry@ileas.org	618.973.0139
Coordinating Agency (Alt)				
Resource Agency (Main)	Russ Gentry	ILEAS	rlgentry@ileas.org	618.973.0139
Resource Agency (Alt)				

Timing
Lead time to deploy: During work day 12-24 hrs / days After Hours 12-24 hrs / days
Time to set up after arrival on scene: 1 hrs

Transportation
Delivery: Delivered
Method: Trailer
If **trailer only**: Hitch Type/Size: ?? Electrical Connector Type: ??
Electric Brakes: ?? Required tow vehicle size/model: ??
Maximum Transport Speed: 55 Mph
Note any height, width or weight, restriction: None

On Scene:
Footprint: 500 sq. ft. Security Required? Yes Type: Needs to be in a secure/observed area

Team Staff Considerations
# of staff to transport: 0 # of staff per operational period: 0
Limits on staff hours of work per day: None
Number of day(s) initial staff will remain on scene: 0
Who schedules staff rotation: Resource Agency
Outside (commercial) personnel required: No who schedules: N/A

Team is self-sufficient for: 0 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Diesel / LP / Gasoline
Fuel Capacity: 0 Gallons - which will power the asset for approx.: 0 hrs / days
Asset has Shore Line: Y / N Length: 0 (feet) NEMA Connector Type: 0
Draw (Amps): 0

Comments / Notes / Special Considerations:
Comments here

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.10 ILEAS Technology Support Vehicle

Unit ID / Designator:	X
Location	Urbana
Service Area	Statewide
Type/Make/Model:	X
Quantity:	1
Latitude / Longitude	X
FEMA Type (Type I, II, III, IV)	Type I II III IV
Capability to Extend a LMR System	X
Microwave Connectivity Capability	X
Radio Capability (Portables)	LB #_0_ VHF#_0_ UHF#_0_ 700/800#_0_ 800 #_0_ STARCOM21 #_0_
Radio Capability (Mobiles)	HAM # 0 HF # 0 LB # 0 VHF # 0 UHF#_0_7/8 # 0 800# 0 STARCOM21 # 0 Marine # 0 Air # 0
Radio Capability (Base /Repeaters)	LB #_0_ VHF#_0_ UHF#_0_ 700/800#_0_ 800 #_0_ STARCOM21 #_0_
Number of Radio Operator Positions	
Satellite	
Voice Lines (Type/Quantity)	
PBX Installed	
FAX Capability	Y / N Quantity: _0_ Make and Model _0_
Computer Server Capability	Y / N VOIP / Cellular / Terrestrial / BGAN #_0_
Wi Fi	Y / N # of CO Lines_0_ # of Stations_0_
Computers	Y / N Via: Cellular / Landline / VoIP
Printing Capability	Y / N
Scanning Capability	Y / N Coverage Area:
Copying Capability	Y / N Quantity:_0_
Conference Space	Y / N Quantity:_0_ Color / BW
Internet Access	Y / N Quantity:_0_ Color / BW
Internet Access Speed in KBPS	Y / N Quantity:_0_ Color / BW
Video Teleconference Capability	Y / N Seating Capacity: _0_
On Scene Video Monitoring Capability	Y / N Type: Satellite / Terrestrial / Cellular / BGAN
GIS Ability	Up _0_KBPS Down_0_ KBPS
TV Reception Capability	Y / N Type:_0_
Expandable Mast	Y / N Fixed / Portable / Both

Updated as of 01/06/2012

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.10a ILEAS Communications Support Vehicle Deployment/Activation

Asset Location (Address): Urbana

Deployment Contact:
Name: Northwest Central Dispatch
Email: ileas@nwcds.org

7x24 Phone: 847-590-3500
Phone: 847-590-3500
EMnet:

Coordinating Agency (Main)	Russ Gentry	ILEAS	rlgentry@ileas.org	618.973.0139
Coordinating Agency (Alt)				
Resource Agency (Main)	Russ Gentry	ILEAS	rlgentry@ileas.org	618.973.0139
Resource Agency (Alt)				

Timing
Lead time to deploy: During work day __12-24__ hrs / days After Hours __12-24__hrs / days
Time to set up after arrival on scene: __1__ hrs

Transportation
Delivery: _____Delivered_
Method: _____Self-propelled__
If **trailer only**: Hitch Type/Size: _____ Electrical Connector Type: ____
Electric Brakes: _____ Required tow vehicle size/model: ____
Maximum Transport Speed: __55 Mph__
Note any height, width or weight, restriction: _None_

On Scene:
Footprint: _500_ sq. ft. Security Required? Yes Type: __Needs to be in a secure/observed area__

Team Staff Considerations
# of staff to transport:__1__ # of staff per operational period: _0_
Limits on staff hours of work per day: _None__
Number of day(s) initial staff will remain on scene: _0__
Who schedules staff rotation:__Resource Agency__
Outside (commercial) personnel required: No who schedules: _N/A__

Team is self-sufficient for:__0_Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: _None__

Fuel / Power
Generator Fuel Type: Gasoline
Fuel Capacity: _20_ Gallons - which will power the asset for approx.: _0_ hrs / days
Asset has Shore Line: Y / N Length: _0__ (feet) NEMA Connector Type: _0_
Draw (Amps): _0_

Comments / Notes / Special Considerations:
_Comments here__

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.11 ING CRCS

Unit ID / Designator:	CRCS
Location	Chicago (2), Springfield, Urbana, Scott AFB
Service Area	Statewide
Type/Make/Model:	X
Quantity:	1
Latitude / Longitude	X
FEMA Type (Type I, II, III, IV)	Type I II III IV
Capability to Extend a LMR System	X
Microwave Connectivity Capability	X
Radio Capability (Portables)	LB #_0_ VHF#_0_ UHF#_0_ 700/800#_0_ 800 #_0_ STARCOM21 #_0_
Radio Capability (Mobiles)	HAM # 0 HF # 1 LB # 0 VHF # 2 UHF#_2_ 7/8 # 2 800# 0 STARCOM21 # 0 Marine # 0 Air # 0
Radio Capability (Base /Repeaters)	LB #_0_ VHF#_0_ UHF#_0_ 700/800#_0_ 800 #_0_ STARCOM21 #_0_
Number of Radio Operator Positions	
Satellite	Yes
Voice Lines (Type/Quantity)	
PBX Installed	
FAX Capability	Y / N Quantity: _0_ Make and Model _0_
Computer Server Capability	Y / N VOIP / Cellular / Terrestrial / BGAN #_0_
Wi Fi	Yes # of CO Lines_0_ # of Stations_0_
Computers	Y / N Via: Cellular / Landline / VoIP
Printing Capability	Y / N
Scanning Capability	Y / N Coverage Area:
Copying Capability	Y / N Quantity:_0_
Conference Space	Y / N Quantity:_0_ Color / BW
Internet Access	Y / N Quantity:_0_ Color / BW
Internet Access Speed in KBPS	Y / N Quantity:_0_ Color / BW
Video Teleconference Capability	Y / N Seating Capacity: _0_
On Scene Video Monitoring Capability	Y / N Type: Satellite / Terrestrial / Cellular / BGAN
GIS Ability	Up _0_KBPS Down_0_ KBPS
TV Reception Capability	Y / N Type:_0_
Expandable Mast	Y / N Fixed / Portable / Both

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.11a ING CRCS Chicago Deployment/Activation (2 Units in Chicago)

Asset Location (Address): Chicago

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Coordinating Agency (Main)	Lt Col Don West	ING	donald.d.west@us.army.mil	217.761.1719
Coordinating Agency (Alt)				
Resource Agency (Main)	Lt Col Don West	ING	donald.d.west@us.army.mil	217.761.1719
Resource Agency (Alt)				

Timing
Lead time to deploy: During work day 12-24 hrs / days After Hours 12-24 hrs / days
Time to set up after arrival on scene: 1 hrs

Transportation
Delivery: Delivered
Method: Truck Mount
If **trailer only**: Hitch Type/Size: ?? Electrical Connector Type: ??
Electric Brakes: ?? Required tow vehicle size/model: ??
Maximum Transport Speed: 55 Mph
Note any height, width or weight, restriction: None

On Scene:
Footprint: 500 sq. ft. Security Required? Yes Type: Needs to be in a secure/observed area

Team Staff Considerations
# of staff to transport: 2 # of staff per operational period: 2
Limits on staff hours of work per day: None
Number of day(s) initial staff will remain on scene: 0
Who schedules staff rotation: Resource Agency
Outside (commercial) personnel required: No who schedules: N/A

Team is self-sufficient for: 0 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Gasoline
Fuel Capacity: 0 Gallons - which will power the asset for approx.: 0 hrs / days
Asset has Shore Line: Y / N Length: 0 (feet) NEMA Connector Type: 0
Draw (Amps): 0

Comments / Notes / Special Considerations:
Comments here

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.11b ING CRCS Springfield Deployment/Activation

Asset Location (Address): Springfield

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Coordinating Agency (Main)	Lt Col Don West	ING	donald.d.west@us.army.mil	217.761.1719
Coordinating Agency (Alt)				
Resource Agency (Main)	Lt Col Don West	ING	donald.d.west@us.army.mil	217.761.1719
Resource Agency (Alt)				

Timing
Lead time to deploy: During work day 12-24 hrs / days After Hours 12-24 hrs / days
Time to set up after arrival on scene: 1 hrs

Transportation
Delivery: Delivered
Method: Truck Mount
If **trailer only**: Hitch Type/Size: ?? Electrical Connector Type: ??
Electric Brakes: ?? Required tow vehicle size/model: ??
Maximum Transport Speed: 55 Mph
Note any height, width or weight, restriction: None

On Scene:
Footprint: 500 sq. ft. Security Required? Yes Type: Needs to be in a secure/observed area

Team Staff Considerations
# of staff to transport: 2 # of staff per operational period: 2
Limits on staff hours of work per day: None
Number of day(s) initial staff will remain on scene: 0
Who schedules staff rotation: Resource Agency
Outside (commercial) personnel required: No who schedules: N/A

Team is self-sufficient for: 0 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Gasoline
Fuel Capacity: 0 Gallons - which will power the asset for approx.: 0 hrs / days
Asset has Shore Line: Y / N Length: 0 (feet) NEMA Connector Type: 0
Draw (Amps): 0

Comments / Notes / Special Considerations:
Comments here

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.11c ING CRCS Milan Deployment/Activation

Asset Location (Address): Milan

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Resource Agency (Main)	Lt Col Don West	ING	donald.d.west@us.army.mil	217.761.1719
Resource Agency (Alt)				
Resource Agency (Main)	Lt Col Don West	ING	donald.d.west@us.army.mil	217.761.1719
Resource Agency (Alt)				

Timing
Lead time to deploy: During work day 12-24 hrs / days After Hours 12-24 hrs / days
Time to set up after arrival on scene: 1 hrs

Transportation
Delivery: Delivered
Method: Truck Mount
If **trailer only**: Hitch Type/Size: ?? Electrical Connector Type: ??
Electric Brakes: ?? Required tow vehicle size/model: ??
Maximum Transport Speed: 55 Mph
Note any height, width or weight, restriction: None

On Scene:
Footprint: 500 sq. ft. Security Required? Yes Type: Needs to be in a secure/observed area

Team Staff Considerations
# of staff to transport: 2 # of staff per operational period: 2
Limits on staff hours of work per day: None
Number of day(s) initial staff will remain on scene: 0
Who schedules staff rotation: Resource Agency
Outside (commercial) personnel required: No who schedules: N/A

Team is self-sufficient for: 0 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Gasoline
Fuel Capacity: 0 Gallons - which will power the asset for approx.: 0 hrs / days
Asset has Shore Line: Y / N Length: 0 (feet) NEMA Connector Type: 0
Draw (Amps): 0

Comments / Notes / Special Considerations:
Comments here

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.11d ING CRCS Scott AFB Deployment/Activation

Asset Location (Address): Scott AFB

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Resource Agency (Main)	Lt Col Don West	ING	donald.d.west@us.army.mil	217.761.1719
Resource Agency (Alt)				
Resource Agency (Main)	Lt Col Don West	ING	donald.d.west@us.army.mil	217.761.1719
Resource Agency (Alt)				

Timing
Lead time to deploy: During work day 12-24 hrs / days After Hours 12-24 hrs / days
Time to set up after arrival on scene: 1 hrs

Transportation
Delivery: Delivered
Method: Truck Mount
If **trailer only**: Hitch Type/Size: ?? Electrical Connector Type: ??
Electric Brakes: ?? Required tow vehicle size/model: ??
Maximum Transport Speed: 55 Mph
Note any height, width or weight, restriction: None

On Scene:
Footprint: 500 sq. ft. Security Required? Yes Type: Needs to be in a secure/observed area

Team Staff Considerations
# of staff to transport: 2 # of staff per operational period: 2
Limits on staff hours of work per day: None
Number of day(s) initial staff will remain on scene: 0
Who schedules staff rotation: Resource Agency
Outside (commercial) personnel required: No who schedules: N/A

Team is self-sufficient for: 0 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Gasoline
Fuel Capacity: 0 Gallons - which will power the asset for approx.: 0 hrs / days
Asset has Shore Line: Y / N Length: 0 (feet) NEMA Connector Type: 0
Draw (Amps): 0

Comments / Notes / Special Considerations:
Comments here

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.12 ING JISCC

Unit ID / Designator:	JISCC (Location name)
Location	Springfield, Peoria, Scott AFB
Service Area	Statewide
Type/Make/Model:	X
Quantity:	1
Latitude / Longitude	X
FEMA Type (Type I, II, III, IV)	Type I II III IV
Capability to Extend a LMR System	X
Microwave Connectivity Capability	X
Radio Capability (Portables)	LB #_0_ VHF#_0_ UHF#_0_ 700/800#_0_ 800 #_0_ STARCOM21 #_0_
Radio Capability (Mobiles)	HAM # 0 HF # 0 LB # 0 VHF # 2 UHF#_12_ 7/8 # 2 800# 0 STARCOM21 # 0 Marine # 0 Air # 0
Radio Capability (Base /Repeaters)	LB #_0_ VHF#_0_ UHF#_0_ 700/800#_2_ 800 #_0_ STARCOM21 #_0_
Number of Radio Operator Positions	
Satellite	Yes
Voice Lines (Type/Quantity)	12
PBX Installed	
FAX Capability	Yes Quantity: _1_ Make and Model _0_
Computer Server Capability	No VOIP / Cellular / Terrestrial / BGAN #_0_
Wi Fi	Yes # of CO Lines_0_ # of Stations_0_
Computers	Yes Via: Cellular / Landline / VoIP
Printing Capability	Yes
Scanning Capability	No Coverage Area:
Copying Capability	No Quantity:_0_
Conference Space	Yes Quantity:_0_ Color / BW
Internet Access	Yes Quantity:_0_ Color / BW
Internet Access Speed in KBPS	Y / N Quantity:_0_ Color / BW
Video Teleconference Capability	Yes Seating Capacity: _0_
On Scene Video Monitoring Capability	No Type: Satellite / Terrestrial / Cellular / BGAN
GIS Ability	Up _0_KBPS Down_0_ KBPS
TV Reception Capability	No Type:_0_
Expandable Mast	Yes Portable

Updated as of 01/06/2012

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.12a ING JISCC Springfield Deployment/Activation

Asset Location (Address): Springfield

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Resource Agency (Main)	Lt Col Don West	ING	donald.d.west@us.army.mil	217.761.1719
Resource Agency (Alt)				
Resource Agency (Main)	Lt Col Don West	ING	donald.d.west@us.army.mil	217.761.1719
Resource Agency (Alt)				

Timing
Lead time to deploy: During work day 12-24 hrs / days After Hours 12-24 hrs / days
Time to set up after arrival on scene: 1 hrs

Transportation
Delivery: Delivered
Method: Trailer
If **trailer only**: Hitch Type/Size: ?? Electrical Connector Type: ??
Electric Brakes: ?? Required tow vehicle size/model: ??
Maximum Transport Speed: 55 Mph
Note any height, width or weight, restriction: None

On Scene:
Footprint: 500 sq. ft. Security Required? Yes Type: Needs to be in a secure/observed area

Team Staff Considerations
# of staff to transport: 6 # of staff per operational period: 6
Limits on staff hours of work per day: None
Number of day(s) initial staff will remain on scene: 0
Who schedules staff rotation: Resource Agency
Outside (commercial) personnel required: No who schedules: N/A

Team is self-sufficient for: 0 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Diesel
Fuel Capacity: 0 Gallons - which will power the asset for approx.: 0 hrs / days
Asset has Shore Line: Y / N Length: 0 (feet) NEMA Connector Type: 0
Draw (Amps): 0

Comments / Notes / Special Considerations:
Comments here

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.12b ING JISCC Peoria Deployment/Activation

Asset Location (Address): Peoria

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Resource Agency (Main)	Lt Col Don West	ING	donald.d.west@us.army.mil	217.761.1719
Resource Agency (Alt)				
Resource Agency (Main)	Lt Col Don West	ING	donald.d.west@us.army.mil	217.761.1719
Resource Agency (Alt)				

Timing
Lead time to deploy: During work day 12-24 hrs / days After Hours 12-24 hrs / days
Time to set up after arrival on scene: 1 hrs

Transportation
Delivery: Delivered
Method: Trailer
If **trailer only**: Hitch Type/Size: ?? Electrical Connector Type: ??
Electric Brakes: ?? Required tow vehicle size/model: ??
Maximum Transport Speed: 55 Mph
Note any height, width or weight, restriction: None

On Scene:
Footprint: 500 sq. ft. Security Required? Yes Type: Needs to be in a secure/observed area

Team Staff Considerations
# of staff to transport: 6 # of staff per operational period: 6
Limits on staff hours of work per day: None
Number of day(s) initial staff will remain on scene: 0
Who schedules staff rotation: Resource Agency
Outside (commercial) personnel required: No who schedules: N/A

Team is self-sufficient for: 0 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Diesel
Fuel Capacity: 0 Gallons - which will power the asset for approx.: 0 hrs / days
Asset has Shore Line: Y / N Length: 0 (feet) NEMA Connector Type: 0
Draw (Amps): 0

Comments / Notes / Special Considerations:
Comments here

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.12c ING JISCC Scott AFB Deployment/Activation

Asset Location (Address): Scott AFB

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Resource Agency (Main)	Lt Col Don West	ING	donald.d.west@us.army.mil	217.761.1719
Resource Agency (Alt)				
Resource Agency (Main)	Lt Col Don West	ING	donald.d.west@us.army.mil	217.761.1719
Resource Agency (Alt)				

Timing
Lead time to deploy: During work day 12-24 hrs / days After Hours 12-24 hrs / days
Time to set up after arrival on scene: 1 hrs

Transportation
Delivery: Delivered
Method: Trailer
If **trailer only**: Hitch Type/Size: ?? Electrical Connector Type: ??
Electric Brakes: ?? Required tow vehicle size/model: ??
Maximum Transport Speed: 55 Mph
Note any height, width or weight, restriction: None

On Scene:
Footprint: 500 sq. ft. Security Required? Yes Type: Needs to be in a secure/observed area

Team Staff Considerations
# of staff to transport: 6 # of staff per operational period: 6
Limits on staff hours of work per day: None
Number of day(s) initial staff will remain on scene: 0
Who schedules staff rotation: Resource Agency
Outside (commercial) personnel required: No who schedules: N/A

Team is self-sufficient for: 0 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Diesel
Fuel Capacity: 0 Gallons - which will power the asset for approx.: 0 hrs / days
Asset has Shore Line: Y / N Length: 0 (feet) NEMA Connector Type: 0
Draw (Amps): 0

Comments / Notes / Special Considerations:
Comments here

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F.13 ISP SOW

Unit ID / Designator:	SOW Northern
Location	Sterling
Service Area	Statewide
Type/Make/Model:	Trailer Pioneer Energy Products / MSMCS-65
Quantity:	1
Latitude / Longitude	
FEMA Type (Type I, II, III, IV)	Other
Capability to Extend a LMR System	Yes
Microwave Connectivity Capability	No
Radio Capability (Portables)	LB #_0_ VHF#_0_ UHF#_0_ 700/800#_0_ 800 #_0_ STARCOM21 #_0_
Radio Capability (Mobiles)	HAM # 0 HF # 0 LB # 0 VHF # 0 UHF#_0_7/8 # 0 800# 0 STARCOM21 # 0 Marine # 0 Air # 0
Radio Capability (Base /Repeaters)	LB #_0_ VHF#_1_ UHF#_0_ 700/800#_0_ 800 #_1_ STARCOM21 #_3_
Number of Radio Operator Positions	
Satellite	Yes Isotropic
Voice Lines (Type/Quantity)	No
PBX Installed	No
FAX Capability	No
Computer Server Capability	No
Wi Fi	No
Computers	No
Printing Capability	No
Scanning Capability	No
Copying Capability	No
Conference Space	No
Internet Access	No
Internet Access Speed in KBPS	No
Video Teleconference Capability	No
On Scene Video Monitoring Capability	No
GIS Ability	No
TV Reception Capability	No
Expandable Mast	Yes Height _60_ Feet Antenna

Updated as of 01/17/20117

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.13a ISP SOW Northern Deployment/Activation

Asset Location (Address): ISP Dist. 15 HQ 3107 E Lincolnway, Sterling

Deployment Contact:
Name: Jim Pepper
Email: jim_pepper@ips.state.il.us

7x24 Phone: 815.535.7766
Phone: 815.535.7766
EMnet:

Coordinating Agency (Main)	Lambert Fleck	ISP	lambert_fleck@isp.state.il.us	217.720.3343
Coordinating Agency (Alt)	Robert Kane	ISP	Robert.p.kane@isp.state.il.us	217.685.3589
Resource Agency (Main)	Lambert Fleck	ISP	lambert_fleck@isp.state.il.us	217.720.3343
Resource Agency (Alt)	Robert Kane	ISP	Robert.p.kane@isp.state.il.us	217.685.3589

Timing
Lead time to deploy: During work day 12-24 hrs / days After Hours 12-24 hrs / days
Time to set up after arrival on scene: 1-2 hrs

Transportation
Delivery: Delivered
Method: Trailer or Airlift
If **trailer only**: Hitch Type/Size: 2 -5/16 Electrical Connector Type: 7 Pin Round
Electric Brakes: Yes Required tow vehicle size/model: HD Dually truck
Maximum Transport Speed: 55 Mph
Note any height, width or weight, restriction: 15000 Pound Trailer

On Scene:
Footprint: 500 sq. ft. Security Required? Yes Type: Needs to be in a secure/observed area

Team Staff Considerations
# of staff to transport: 2 # of staff per operational period: 0-2
Limits on staff hours of work per day: None
Number of day(s) initial staff will remain on scene: 0
Who schedules staff rotation: Resource Agency
Outside (commercial) personnel required: Yes – Motorola who schedules: Resource

Team is self-sufficient for: 0 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Diesel
Fuel Capacity: 100 Gallons - which will power the asset for approx.: 3 days
Asset has Shore Line: Yes Length: 100 (feet) NEMA Connector Type: Pig Tail
Draw (Amps): 0

Comments / Notes / Special Considerations:
15 Kw Generator
Installed a 800 MHz repeater operating on 8TAC91

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.13b ISP SOW Central Deployment/Activation

Asset Location (Address): ISP Radio Lab, 601 Sangamon Ave, Springfield

Deployment Contact:
Name: Roger Costello
Email: roger.costello@isp/state.il/us

7x24 Phone: 217.414.3687
Phone: 217.782.5035
EMnet:

Coordinating Agency (Main)	Lambert Fleck	ISP	lambert_fleck@isp.state.il.us	217.720.3343
Coordinating Agency (Alt)	Robert Kane	ISP	Robert.p.kane@isp.state.il.us	217.685.3589
Resource Agency (Main)	Lambert Fleck	ISP	lambert_fleck@isp.state.il.us	217.720.3343
Resource Agency (Alt)	Robert Kane	ISP	Robert.p.kane@isp.state.il.us	217.685.3589

Timing
Lead time to deploy: During work day 12-24 hrs / days After Hours 12-24 hrs / days
Time to set up after arrival on scene: 1-2 hrs

Transportation
Delivery: Delivered
Method: Trailer or Airlift
If **trailer only**: Hitch Type/Size: 2 -5/16 Electrical Connector Type: 7 Pin Round
Electric Brakes: Yes Required tow vehicle size/model: HD Dually truck
Maximum Transport Speed: 55 Mph
Note any height, width or weight, restriction: 15000 Pound Trailer

On Scene:
Footprint: 500 sq. ft. Security Required? Yes Type: Needs to be in a secure/observed area

Team Staff Considerations
# of staff to transport: 2 # of staff per operational period: 2
Limits on staff hours of work per day: None
Number of day(s) initial staff will remain on scene: 0
Who schedules staff rotation: Resource Agency
Outside (commercial) personnel required: Yes – Motorola who schedules: Resource

Team is self-sufficient for: 0 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Diesel
Fuel Capacity: 100 Gallons - which will power the asset for approx.: 3 days
Asset has Shore Line: Yes Length: 100 (feet) NEMA Connector Type: Pig Tail
Draw (Amps): 0

Comments / Notes / Special Considerations:
15 Kw Generator
Installed a 800 MHz repeater operating on 8TAC92

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.13c ISP SOW Southern Deployment/Activation

Asset Location (Address): Dist. 13 HQ in DuQuoin

Deployment Contact:
Name: Chris Miller/Mike Frangello
Email: chris.miller@isp.state.il.us

7x24 Phone: 618.521.3247
Phone: 618.521.2028
EMnet: N/A

Coordinating Agency (Main)	Lambert Fleck	ISP	lambert_fleck@isp.state.il.us	217.720.3343
Coordinating Agency (Alt)	Robert Kane	ISP	Robert.p.kane@isp.state.il.us	217.685.3589
Resource Agency (Main)	Lambert Fleck	ISP	lambert_fleck@isp.state.il.us	217.836.7905
Resource Agency (Alt)	Robert Kane	ISP	Robert.p.kane@isp.state.il.us	217.685.3589

Timing
Lead time to deploy: During work day 12-24 hrs / days After Hours 12-24 hrs / days
Time to set up after arrival on scene: 1-2 hrs

Transportation
Delivery: Delivered
Method: Trailer or Airlift
If **trailer only**: Hitch Type/Size: 2 -5/16 Electrical Connector Type: 7 Pin Round
Electric Brakes: Yes Required tow vehicle size/model: HD Dually truck
Maximum Transport Speed: 55 Mph
Note any height, width or weight, restriction: 15000 Pound Trailer

On Scene:
Footprint: 500 sq. ft. Security Required? Yes Type: Needs to be in a secure/observed area

Team Staff Considerations
# of staff to transport: 2 # of staff per operational period: 2
Limits on staff hours of work per day: None
Number of day(s) initial staff will remain on scene: 0
Who schedules staff rotation: Resource Agency
Outside (commercial) personnel required: Yes – Motorola who schedules: Resource

Team is self-sufficient for: 0 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Diesel
Fuel Capacity: 100 Gallons - which will power the asset for approx.: 3 days
Asset has Shore Line: Yes Length: 100 (feet) NEMA Connector Type: Pig Tail
Draw (Amps): 0

Comments / Notes / Special Considerations:
15 Kw Generator Installed a 800 MHz repeater operating on 8TAC93

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.14 ITECS 2 - 11

Unit ID / Designator:	ITECS 2 – 11
Location	See Table in Appendix A
Service Area	Statewide
Type/Make/Model:	Alumatower Towed by Ford F-550
Quantity:	1 Each – 9 total in State
Latitude / Longitude	Varies
FEMA Type (Type I, II, III, IV)	Type IV
Capability to Extend a LMR System	Yes
Microwave Connectivity Capability	No
Radio Capability (Portable Cache) Plus 2 technician Tri-band Radios	LB #_0_ VHF#_24_ UHF#_24_ 700/800#_0_ 800 #_11_ STARCOM21 #_0_ (with cases and spkr mics)
Radio Capability (Mobiles)	HAM # 0 HF # 1 LB # 1 VHF # 3 UHF#_3_ 7/8 # 0 800# 0 STARCOM21 # 1 Marine # 0 Air # 1
Radio Capability (Base /Repeaters)	LB #_0_ VHF#_2Base UHF#_2Rptr 700/800#_0_ 800 #_1Rptr_ STARCOM21 #_0_
Number of Radio Operator Positions	2
Satellite Phone	No Quantity: _0_ Make and Model _0_
Voice Lines (Type/Quantity)	Yes VOIP 1 / Cellular 3 / Terrestrial 6/ BGAN 0_
PBX Installed	Yes # of CO Lines_6_ # of Stations_16_
FAX Capability	Yes Via: Land Line Only (Also via Internet/Cloud)
Computer Server Capability	No
Wi Fi	Yes Coverage Area: Approx ¼ mile radius
Computers	Yes Quantity:_4_
Printing Capability	Yes Quantity:_2_ Color
Scanning Capability	Yes Quantity:_2_ Color
Copying Capability	Yes Quantity:_2_ Color
Conference Space	No Seating Capacity: _0_
Internet Access	Yes Type: Satellite / Terrestrial
Internet Access Speed KBPS	Up 1000_KBPS Down_5000_ KBPS (satellite)
Video Teleconference Capability	No Type:_0_
On Scene Video Monitoring Capability	No Fixed / Portable / Both
GIS Ability	No Software Type / Plotter Size
TV Reception Capability	Over the Air / Cable
Expandable Mast/Tower	Yes Height _50_ Feet Antenna

Updated as of 01/06/2012

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.14a ITECS 2 Deployment/Activation

Asset Location (Address): 420 W. State St., Rockford IL

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				
Resource Agency (Main)				
Resource Agency (Alt)	Barthel	Winnebago Co SO	jbarthel@wincoil.us	815.282.0101

Timing
Lead time to deploy: During work day 12-24 hrs After Hours 12-24 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Delivered
Method: Trailer – Towed by Ford 550
If **trailer only**: Hitch Type/Size: 2 5/16 Electrical Connector Type: 7 round
Electric Brakes: Yes Required tow vehicle size/model: F550 or Larger
Maximum Transport Speed: 55 Mph (i.e. xx Mph)
Note any height, width or weight, restriction: 12'-6"

On Scene:
Footprint: 500 (unguied) sq. ft. Security Required? Yes Type: secure/observed area

Team Staff Considerations
# of staff to transport: 3 # of staff per operational period: 1-3
Limits on staff hours of work per day: none
Number of day(s) initial staff will remain on scene: 3
Who schedules staff rotation: Resource Agency / Dispatch Agency
Outside (commercial) personnel required: No who schedules: None

Team is self-sufficient for: 3 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Diesel
Fuel Capacity: 25 Gallons - which will power the asset for approx.: 48 hrs
Asset has Shore Line: Yes Length: 25 (feet) NEMA Connector Type: L1430
Draw (Amps): 30

Comments / Notes / Special Considerations:
Radios in Tow Vehicle as well (LB, VHF, STARCOM21)-Agencies may have added additional radio

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.14b ITECS 3 Deployment/Activation

Asset Location (Address): 302 N. Chicago St., Joliet IL

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				
Resource Agency (Main)	Tom Murray	Will Co EMA	tmurray@willcountyillinois.com	815.740.8351 815.740.0911
Resource Agency (Alt)	None			

Timing
Lead time to deploy: During work day 12-24 hrs After Hours 12-24 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Delivered
Method: Trailer – Towed by Ford 550
If **trailer only**: Hitch Type/Size: 2 5/16 Electrical Connector Type: 7 round
Electric Brakes: Yes Required tow vehicle size/model: F550 or Larger
Maximum Transport Speed: 55 Mph (i.e. xx Mph)
Note any height, width or weight, restriction: 12'-6"

On Scene:
Footprint: 500 (unguied) sq. ft. Security Required? Yes Type: secure/observed area

Team Staff Considerations
# of staff to transport: 3 # of staff per operational period: 1-3
Limits on staff hours of work per day: none
Number of day(s) initial staff will remain on scene: 3
Who schedules staff rotation: Resource Agency / Dispatch Agency
Outside (commercial) personnel required: No who schedules: None

Team is self-sufficient for: 3 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Diesel
Fuel Capacity: 25 Gallons - which will power the asset for approx.: 48 hrs
Asset has Shore Line: Yes Length: 25 (feet) NEMA Connector Type: L1430
Draw (Amps): 30

Comments / Notes / Special Considerations:
Radios in Tow Vehicle as well (LB, VHF, STARCOM21)-Agencies may have added additional radio

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.14c ITECS 4 Deployment/Activation

Asset Location (Address): 418 N. County Farm Rd., Wheaton IL 60189

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				
Resource Agency (Main)	Craig Dieckman	DuPage Co OHSEM	craig.dieckman@dupageco.org	630.682.7207
Resource Agency (Alt)	None			

Timing
Lead time to deploy: During work day 12-24 hrs After Hours 12-24 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Delivered
Method: Trailer – Towed by Ford 550
If **trailer only**: Hitch Type/Size: 2 5/16 Electrical Connector Type: 7 round
Electric Brakes: Yes Required tow vehicle size/model: F550 or Larger
Maximum Transport Speed: 55 Mph (i.e. xx Mph)
Note any height, width or weight, restriction: 12'-6"

On Scene:
Footprint: 500 (unguied) sq. ft. Security Required? Yes Type: secure/observed area

Team Staff Considerations
# of staff to transport: 3 # of staff per operational period: 1-3
Limits on staff hours of work per day: none
Number of day(s) initial staff will remain on scene: 3
Who schedules staff rotation: Resource Agency / Dispatch Agency
Outside (commercial) personnel required: No who schedules: None

Team is self-sufficient for: 3 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Diesel
Fuel Capacity: 25 Gallons - which will power the asset for approx.: 48 hrs
Asset has Shore Line: Yes Length: 25 (feet) NEMA Connector Type: L1430
Draw (Amps): 30

Comments / Notes / Special Considerations:
Radios in Tow Vehicle as well (LB, VHF, STARCOM21)-Agencies may have added additional radio

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.14d ITECS 5 Deployment/Activation

Asset Location (Address): 1411 W. Madison St., Chicago IL

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				
Resource Agency (Main)	Dan Casey	OEMC	Daniel.Casey@cityofchicago.org	312.746.9371 312.746.8800
Resource Agency (Alt)	None			

Timing
Lead time to deploy: During work day 12-24 hrs After Hours 12-24 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Delivered
Method: Trailer – Towed by Ford 550
If **trailer only**: Hitch Type/Size: 2 5/16 Electrical Connector Type: 7 round
Electric Brakes: Yes Required tow vehicle size/model: F550 or Larger
Maximum Transport Speed: 55 Mph (i.e. xx Mph)
Note any height, width or weight, restriction: 12'-6"

On Scene:
Footprint: 500 (unguied) sq. ft. Security Required? Yes Type: secure/observed area

Team Staff Considerations
# of staff to transport: 3 # of staff per operational period: 1-3
Limits on staff hours of work per day: none
Number of day(s) initial staff will remain on scene: 3
Who schedules staff rotation: Resource Agency / Dispatch Agency
Outside (commercial) personnel required: No who schedules: None

Team is self-sufficient for: 3 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Diesel
Fuel Capacity: 25 Gallons - which will power the asset for approx.: 48 hrs
Asset has Shore Line: Yes Length: 25 (feet) NEMA Connector Type: L1430
Draw (Amps): 30

Comments / Notes / Special Considerations:
Radios in Tow Vehicle as well (LB, VHF, STARCOM21)-Agencies may have added additional radio

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.14e ITECS 6 Deployment/Activation

Asset Location (Address): 800 E. Monroe St., Room 103, Springfield IL

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				
Resource Agency (Main)	Mike Midiri	Springfield Police	michael.midiri@cwlp.com	217.789.2303 217.788.8311
Resource Agency (Alt)	None			

Timing
Lead time to deploy: During work day 12-24 hrs After Hours 12-24 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Delivered
Method: Trailer – Towed by Ford 550
If **trailer only**: Hitch Type/Size: 2 5/16 Electrical Connector Type: 7 round
Electric Brakes: Yes Required tow vehicle size/model: F550 or Larger
Maximum Transport Speed: 55 Mph (i.e. xx Mph)
Note any height, width or weight, restriction: 12'-6"

On Scene:
Footprint: 500 (unguied) sq. ft. Security Required? Yes Type: secure/observed area

Team Staff Considerations
# of staff to transport: 3 # of staff per operational period: 1-3
Limits on staff hours of work per day: none
Number of day(s) initial staff will remain on scene: 3
Who schedules staff rotation: Resource Agency / Dispatch Agency
Outside (commercial) personnel required: No who schedules: None

Team is self-sufficient for: 3 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Diesel
Fuel Capacity: 25 Gallons - which will power the asset for approx.: 48 hrs
Asset has Shore Line: Yes Length: 25 (feet) NEMA Connector Type: L1430
Draw (Amps): 30

Comments / Notes / Special Considerations:
Radios in Tow Vehicle as well (LB, VHF, STARCOM21)-Agencies may have added additional radio

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.14f ITECS 7 Deployment/Activation

Asset Location (Address): 407 S. Randolph St., Champaign IL

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				
Resource Agency (Main)	Mike Bayless		iaff284@hotmail.com	217.403.7203 217.333.8911
Resource Agency (Alt)	None			

Timing
Lead time to deploy: During work day 12-24 hrs After Hours 12-24 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Delivered
Method: Trailer – Towed by Ford550
If **trailer only**: Hitch Type/Size: 2 5/16 Electrical Connector Type: 7 round
Electric Brakes: Yes Required tow vehicle size/model: F550 or Larger
Maximum Transport Speed: 55 Mph (i.e. xx Mph)
Note any height, width or weight, restriction: 12'-6"

On Scene:
Footprint: 500 (unguied) sq. ft. Security Required? Yes Type: secure/observed area

Team Staff Considerations
# of staff to transport: 3 # of staff per operational period: 1-3
Limits on staff hours of work per day: none
Number of day(s) initial staff will remain on scene: 3
Who schedules staff rotation: Resource Agency / Dispatch Agency
Outside (commercial) personnel required: No who schedules: None

Team is self-sufficient for: 3 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Diesel
Fuel Capacity: 25 Gallons - which will power the asset for approx.: 48 hrs
Asset has Shore Line: Yes Length: 25 (feet) NEMA Connector Type: L1430
Draw (Amps): 30

Comments / Notes / Special Considerations:
Radios in Tow Vehicle as well (LB, VHF, STARCOM21)-Agencies may have added additional radio

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.14g ITECS 8 Deployment/Activation

Asset Location (Address): 101 S. 1st St., Belleville IL

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				
Resource Agency (Main)	Herb Simmons	St Clair Co EMA	herbert.simmons@co.st-clair.il.us	618.825.2684 618.277.3500
Resource Agency (Alt)	None			

Timing
Lead time to deploy: During work day 12-24 hrs After Hours 12-24 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Delivered
Method: Trailer – Towed by Ford 550
If **trailer only**: Hitch Type/Size: 2 5/16 Electrical Connector Type: 7 round
Electric Brakes: Yes Required tow vehicle size/model: F550 or Larger
Maximum Transport Speed: 55 Mph (i.e. xx Mph)
Note any height, width or weight, restriction: 12'-6"

On Scene:
Footprint: 500 (unguied) sq. ft. Security Required? Yes Type: secure/observed area

Team Staff Considerations
# of staff to transport: 3 # of staff per operational period: 1-3
Limits on staff hours of work per day: none
Number of day(s) initial staff will remain on scene: 3
Who schedules staff rotation: Resource Agency / Dispatch Agency
Outside (commercial) personnel required: No who schedules: None

Team is self-sufficient for: 3 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Diesel
Fuel Capacity: 25 Gallons - which will power the asset for approx.: 48 hrs
Asset has Shore Line: Yes Length: 25 (feet) NEMA Connector Type: L1430
Draw (Amps): 30

Comments / Notes / Special Considerations:
Radios in Tow Vehicle as well (LB, VHF, STARCOM21)-Agencies may have added additional radio

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.14h ITECS 9 Deployment/Activation

Asset Location (Address): PO Box 132, Robinson IL

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				
Resource Agency (Main)	Ken Pryor	Crawford Co EMA	kdpryor@frontiernet.net	618.546.1515 618.546.1515
Resource Agency (Alt)	None			

Timing
Lead time to deploy: During work day 12-24 hrs After Hours 12-24 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Delivered
Method: Trailer – Towed by Ford 550
If **trailer only**: Hitch Type/Size: 2 5/16 Electrical Connector Type: 7 round
Electric Brakes: Yes Required tow vehicle size/model: F550 or Larger
Maximum Transport Speed: 55 Mph (i.e. xx Mph)
Note any height, width or weight, restriction: 12'-6"

On Scene:
Footprint: 500 (unguied) sq. ft. Security Required? Yes Type: secure/observed area

Team Staff Considerations
# of staff to transport: 3 # of staff per operational period: 1-3
Limits on staff hours of work per day: none
Number of day(s) initial staff will remain on scene: 3
Who schedules staff rotation: Resource Agency / Dispatch Agency
Outside (commercial) personnel required: No who schedules: None

Team is self-sufficient for: 3 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Diesel
Fuel Capacity: 25 Gallons - which will power the asset for approx.: 48 hrs
Asset has Shore Line: Yes Length: 25 (feet) NEMA Connector Type: L1430
Draw (Amps): 30

Comments / Notes / Special Considerations:
Radios in Tow Vehicle as well (LB, VHF, STARCOM21)-Agencies may have added additional radio

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.14I ITECS 11 Deployment/Activation

Asset Location (Address): City Hall, Marion IL

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				
Resource Agency (Main)	Brian Fisher	Marion Fire	mfd@marionfire.us	618.997.7946 618.997.5730
Resource Agency (Alt)	None			

Timing
Lead time to deploy: During work day 12-24 hrs After Hours 12-24 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Delivered
Method: Trailer – Towed by Ford 550
If **trailer only**: Hitch Type/Size: 2 5/16 Electrical Connector Type: 7 round
Electric Brakes: Yes Required tow vehicle size/model: F550 or Larger
Maximum Transport Speed: 55 Mph (i.e. xx Mph)
Note any height, width or weight, restriction: 12'-6"

On Scene:
Footprint: 500 (unguied) sq. ft. Security Required? Yes Type: secure/observed area

Team Staff Considerations
# of staff to transport: 3 # of staff per operational period: 1-3
Limits on staff hours of work per day: none
Number of day(s) initial staff will remain on scene: 3
Who schedules staff rotation: Resource Agency / Dispatch Agency
Outside (commercial) personnel required: No who schedules: None

Team is self-sufficient for: 3 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Diesel
Fuel Capacity: 25 Gallons - which will power the asset for approx.: 48 hrs
Asset has Shore Line: Yes Length: 25 (feet) NEMA Connector Type: L1430
Draw (Amps): 30

Comments / Notes / Special Considerations:
Radios in Tow Vehicle as well (LB, VHF, STARCOM21)-Agencies may have added additional radio. Call taker positions in rear now have NCS 250 Interconnect/Headsets hardware

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.15 UCP 1-13

Unit ID / Designator:	UCP 1-13
Location	See Appendix A
Service Area	Statewide
Type/Make/Model:	LDV
Quantity:	1 each / 13 total in State
Latitude / Longitude	Varies
FEMA Type (Type I, II, III, IV)	Type II
Capability to Extend a LMR System	No
Microwave Connectivity Capability	No
Radio Capability (Portable Cache) (2 Tri- Band Thales for techs)	LB #_0_ VHF#_0_ UHF#_0_ 700/800#_0_ 800 #_0_ STARCOM21 #_0_
Radio Capability (Mobiles)	HAM # 0 HF # 1 LB # 1 VHF # 3 UHF#_1_7/8 # 0 800# 0 STARCOM21 # 3 Marine # 0 Air # 1
Radio Capability (Base /Repeaters)	LB #_0_ VHF#_0_ UHF#_0_ 700/800#_0_ 800 #_0_ STARCOM21 #_0_
Number of Radio Operator Positions	4
Satellite Phone	No
Voice Lines (Type/Quantity)	Yes Cellular 3/ Terrestrial 3
PBX Installed	Yes # of CO Lines_6_ # of Stations_16_
FAX Capability	Yes Via: Landline Only (Cloud/Internet Possible)
Computer Server Capability	No
Wi Fi	Some Coverage Area: Inside Vehicle
Computers	Yes Quantity:_5_
Printing Capability	Yes Quantity:_1_ Color
Scanning Capability	Yes Quantity:_1_ Color
Copying Capability	Yes Quantity:_1_ Color
Conference Space	Yes Seating Capacity: _12_
Internet Access	Yes Type: Satellite / Terrestrial
Internet Access Speed in KBPS	Up _ 1000_KBPS Down_3000_ KBPS (Satellite)
Video Teleconference Capability	Yes Type:_Polycom Mobile Responder or VX7000_
On Scene Video Monitoring Capability	Yes Fixed
GIS Ability	No
TV Reception Capability	Over the Air / Cable
Expandable Mast	Yes Height _25_ Feet with Camera

Updated as of 01/06/2012

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.15a UCP 1 Deployment/Activation

Asset Location (Address): 222 N. 52nd, Quincy IL

Deployment Contact: 7x24 Phone: 800.782.7860
Name: IEMA Dispatch Phone: 217.782.7860
Email: ema.dispatcher@illinois.gov EMnet: IL.000

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				
Resource Agency (Main)	John Simon	Adams Co EMA	jsimon@co.adams.il.us	217.277.2005 217.222.9360
Resource Agency (Alt)	None			

Timing
Lead time to deploy: During work day 12-24 hrs After Hours 12-24 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Delivered
Method: Self-propelled
If **trailer only**: Hitch Type/Size: N/A Electrical Connector Type: N/A
Electric Brakes: N/A Required tow vehicle size/model: N/A
Maximum Transport Speed: 55 Mph
Note any height, width or weight, restriction: None

On Scene:
Footprint: 500 sq. ft. Security Required? Yes/N Type: Needs to be in a secure/observed area

Team Staff Considerations
# of staff to transport: 2 # of staff per operational period: 1
Limits on staff hours of work per day: none
Number of day(s) initial staff will remain on scene: 3
Who schedules staff rotation: Resource Agency or Dispatch
Outside (commercial) personnel required: No who schedules: N/A

Team is self-sufficient for: 3 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Diesel
Fuel Capacity: 50 Gallons - which will power the asset for approx.: 2 days
Asset has Shore Line: Yes Length: 80 (feet) NEMA Connector Type: 1450
Draw (Amps): 50

Comments / Notes / Special Considerations:
2 NCS250 Interconnect Box

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.15b UCP 2 Deployment/Activation

Asset Location (Address): 22 Park Ave. West, Princeton IL

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				
Resource Agency (Main)	Jim Shipp	Bureau CSO	j.shipp@bureaucountysheriff.org	815.875.3344 815.875.3344
Resource Agency (Alt)	None			

Timing
Lead time to deploy: During work day 12-24 hrs After Hours 12-24 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Delivered
Method: Self-propelled
If **trailer only**: Hitch Type/Size: N/A Electrical Connector Type: N/A
Electric Brakes: N/A Required tow vehicle size/model: N/A
Maximum Transport Speed: 55 Mph
Note any height, width or weight, restriction: None

On Scene:
Footprint: 500 sq. ft. Security Required? Yes/N Type: Needs to be in a secure/observed area

Team Staff Considerations
# of staff to transport: 2 # of staff per operational period: 1
Limits on staff hours of work per day: none
Number of day(s) initial staff will remain on scene: 3
Who schedules staff rotation: Resource Agency or Dispatch
Outside (commercial) personnel required: No who schedules: N/A

Team is self-sufficient for: 3 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Diesel
Fuel Capacity: 50 Gallons - which will power the asset for approx.: 2 days
Asset has Shore Line: Yes Length: 80 (feet) NEMA Connector Type: 1450
Draw (Amps): 50

Comments / Notes / Special Considerations:
2 NCS250 Interconnect Box

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.15c UCP 3 Deployment/Activation

Asset Location (Address): 501 N. County Farm Rd., Wheaton IL

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				
Resource Agency (Main)	Randy Groh	DuPage CSO	randy.groh@dupagesheriff.org	630.407.2313 630.668.0900
Resource Agency (Alt)	None			

Timing
Lead time to deploy: During work day 12-24 hrs After Hours 12-24 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Delivered
Method: Self-propelled
If **trailer only**: Hitch Type/Size: N/A Electrical Connector Type: N/A
Electric Brakes: N/A Required tow vehicle size/model: N/A
Maximum Transport Speed: 55 Mph
Note any height, width or weight, restriction: None

On Scene:
Footprint: 500 sq. ft. Security Required? Yes/N Type: Needs to be in a secure/observed area

Team Staff Considerations
# of staff to transport: 2 # of staff per operational period: 1
Limits on staff hours of work per day: none
Number of day(s) initial staff will remain on scene: 3
Who schedules staff rotation: Resource Agency or Dispatch
Outside (commercial) personnel required: No who schedules: N/A

Team is self-sufficient for: 3 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Diesel
Fuel Capacity: 50 Gallons - which will power the asset for approx.: 2 days
Asset has Shore Line: Yes Length: 80 (feet) NEMA Connector Type: 1450
Draw (Amps): 50

Comments / Notes / Special Considerations:
2 NCS250 Interconnect Box

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.15d UCP 4 Deployment/Activation

Asset Location (Address): 150 S. Broad St., Galesburg IL

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				
Resource Agency (Main)	Rodd Riggs	Galesburg Police	rriggs@ci.galesburg.il.us	309.345.3748 309.343.9151
Resource Agency (Alt)	None			

Timing
Lead time to deploy: During work day 12-24 hrs After Hours 12-24 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Delivered
Method: Self-propelled
If **trailer only**: Hitch Type/Size: N/A Electrical Connector Type: N/A
Electric Brakes: N/A Required tow vehicle size/model: N/A
Maximum Transport Speed: 55 Mph
Note any height, width or weight, restriction: None

On Scene:
Footprint: 500 sq. ft. Security Required? Yes/N Type: Needs to be in a secure/observed area

Team Staff Considerations
# of staff to transport: 2 # of staff per operational period: 1
Limits on staff hours of work per day: none
Number of day(s) initial staff will remain on scene: 3
Who schedules staff rotation: Resource Agency or Dispatch
Outside (commercial) personnel required: No who schedules: N/A

Team is self-sufficient for: 3 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Diesel
Fuel Capacity: 50 Gallons - which will power the asset for approx.: 2 days
Asset has Shore Line: Yes Length: 80 (feet) NEMA Connector Type: 1450
Draw (Amps): 50

Comments / Notes / Special Considerations:
2 NCS250 Interconnect Box

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.15e UCP 5 Deployment/Activation

Asset Location (Address): 330 N. Bench St., Galena IL

Deployment Contact: 7x24 Phone: 800.782.7860
Name: IEMA Dispatch Phone: 217.782.7860
Email: ema.dispatcher@illinois.gov EMnet: IL.000

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				
Resource Agency (Main)	Charles Pederson		pedersen.charles@yahoo.com	815.990.6702 815.777.2141
Resource Agency (Alt)	None			

Timing
Lead time to deploy: During work day 12-24 hrs After Hours 12-24 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Delivered
Method: Self-propelled
If **trailer only**: Hitch Type/Size: N/A Electrical Connector Type: N/A
Electric Brakes: N/A Required tow vehicle size/model: N/A
Maximum Transport Speed: 55 Mph
Note any height, width or weight, restriction: None

On Scene:
Footprint: 500 sq. ft. Security Required? Yes/N Type: Needs to be in a secure/observed area

Team Staff Considerations
# of staff to transport: 2 # of staff per operational period: 1
Limits on staff hours of work per day: none
Number of day(s) initial staff will remain on scene: 3
Who schedules staff rotation: Resource Agency or Dispatch
Outside (commercial) personnel required: No who schedules: N/A

Team is self-sufficient for: 3 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Diesel
Fuel Capacity: 50 Gallons - which will power the asset for approx.: 2 days
Asset has Shore Line: Yes Length: 80 (feet) NEMA Connector Type: 1450
Draw (Amps): 50

Comments / Notes / Special Considerations:
2 NCS250 Interconnect Box

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.15f UCP 6 Deployment/Activation

Asset Location (Address): 1102 Cornell Lane, Yorkville IL

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				
Resource Agency (Main)	Joe Gillespie	Kendall CSO	jgillespie@co.kendall.il.us	630.553.75006 30.553.5856
Resource Agency (Alt)	None			

Timing
Lead time to deploy: During work day 12-24 hrs After Hours 12-24 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Delivered
Method: Self-propelled
If **trailer only**: Hitch Type/Size: N/A Electrical Connector Type: N/A
Electric Brakes: N/A Required tow vehicle size/model: N/A
Maximum Transport Speed: 55 Mph
Note any height, width or weight, restriction: None

On Scene:
Footprint: 500 sq. ft. Security Required? Yes/N Type: Needs to be in a secure/observed area

Team Staff Considerations
# of staff to transport: 2 # of staff per operational period: 1
Limits on staff hours of work per day: none
Number of day(s) initial staff will remain on scene: 3
Who schedules staff rotation: Resource Agency or Dispatch
Outside (commercial) personnel required: No who schedules: N/A

Team is self-sufficient for: 3 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Diesel
Fuel Capacity: 50 Gallons - which will power the asset for approx.: 2 days
Asset has Shore Line: Yes Length: 80 (feet) NEMA Connector Type: 1450
Draw (Amps): 50

Comments / Notes / Special Considerations:
2 NCS250 Interconnect Box

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.15g UCP 7 Deployment/Activation

Asset Location (Address): 157 N. Main St., Edwardsville IL

Deployment Contact: 7x24 Phone: 800.782.7860
Name: IEMA Dispatch Phone: 217.782.7860
Email: ema.dispatcher@illinois.gov EMnet: IL.000

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				
Resource Agency (Main)	Larry Ringering	Madison Co. EMA	llringering@co.madison.il.us	618.692.0537 618.692.4433
Resource Agency (Alt)	None			

Timing
Lead time to deploy: During work day 12-24 hrs After Hours 12-24 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Delivered
Method: Self-propelled
If **trailer only**: Hitch Type/Size: N/A Electrical Connector Type: N/A
Electric Brakes: N/A Required tow vehicle size/model: N/A
Maximum Transport Speed: 55 Mph
Note any height, width or weight, restriction: None

On Scene:
Footprint: 500 sq. ft. Security Required? Yes/N Type: Needs to be in a secure/observed area

Team Staff Considerations
# of staff to transport: 2 # of staff per operational period: 1
Limits on staff hours of work per day: none
Number of day(s) initial staff will remain on scene: 3
Who schedules staff rotation: Resource Agency or Dispatch
Outside (commercial) personnel required: No who schedules: N/A

Team is self-sufficient for: 3 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Diesel
Fuel Capacity: 50 Gallons - which will power the asset for approx.: 2 days
Asset has Shore Line: Yes Length: 80 (feet) NEMA Connector Type: 1450
Draw (Amps): 50

Comments / Notes / Special Considerations:
2 NCS250 Interconnect Box

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.15h UCP 8 Deployment/Activation

Asset Location (Address): 104 W. Front St., Bloomington IL

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				
Resource Agency (Main)	Bob Clark		bob.clark@mcleancountyil.gov;	309.888.5020
Resource Agency (Alt)	None			

Timing
Lead time to deploy: During work day 12-24 hrs After Hours 12-24 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Delivered
Method: Self-propelled
If **trailer only**: Hitch Type/Size: N/A Electrical Connector Type: N/A
Electric Brakes: N/A Required tow vehicle size/model: N/A
Maximum Transport Speed: 55 Mph
Note any height, width or weight, restriction: None

On Scene:
Footprint: 500 sq. ft. Security Required? Yes/N Type: Needs to be in a secure/observed area

Team Staff Considerations
# of staff to transport: 2 # of staff per operational period: 1
Limits on staff hours of work per day: none
Number of day(s) initial staff will remain on scene: 3
Who schedules staff rotation: Resource Agency or Dispatch
Outside (commercial) personnel required: No who schedules: N/A

Team is self-sufficient for: 3 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Diesel
Fuel Capacity: 50 Gallons - which will power the asset for approx.: 2 days
Asset has Shore Line: Yes Length: 80 (feet) NEMA Connector Type: 1450
Draw (Amps): 50

Comments / Notes / Special Considerations:
2 NCS250 Interconnect Box

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.15j UCP 9 Deployment/Activation

Asset Location (Address): 1317 3rd Ave., Rock Island IL

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				
Resource Agency (Main)	Sgt Randy Heisch		rheisch@ricosheriff.org	309.737.0847 309.788.8988
Resource Agency (Alt)	None			

Timing
Lead time to deploy: During work day 12-24 hrs After Hours 12-24 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Delivered
Method: Self-propelled
If **trailer only**: Hitch Type/Size: N/A Electrical Connector Type: N/A
Electric Brakes: N/A Required tow vehicle size/model: N/A
Maximum Transport Speed: 55 Mph
Note any height, width or weight, restriction: None

On Scene:
Footprint: 500 sq. ft. Security Required? Yes/N Type: Needs to be in a secure/observed area

Team Staff Considerations
# of staff to transport: 2 # of staff per operational period: 1
Limits on staff hours of work per day: none
Number of day(s) initial staff will remain on scene: 3
Who schedules staff rotation: Resource Agency or Dispatch
Outside (commercial) personnel required: No who schedules: N/A

Team is self-sufficient for: 3 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Diesel
Fuel Capacity: 50 Gallons - which will power the asset for approx.: 2 days
Asset has Shore Line: Yes Length: 80 (feet) NEMA Connector Type: 1450
Draw (Amps): 50

Comments / Notes / Special Considerations:
2 NCS250 Interconnect Box

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F. 15j UCP 10 Deployment/Activation

Asset Location (Address): 21304 IL Rt. 9, Tremont IL

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				
Resource Agency (Main)	Jerry Zeurcher	Tazewell Co ESDA	rzyman@hotmail.com	309.477.2234 309.346.4141
Resource Agency (Alt)	None			

Timing
Lead time to deploy: During work day 12-24 hrs After Hours 12-24 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Delivered
Method: Self-propelled
If **trailer only**: Hitch Type/Size: N/A Electrical Connector Type: N/A
Electric Brakes: N/A Required tow vehicle size/model: N/A
Maximum Transport Speed: 55 Mph
Note any height, width or weight, restriction: None

On Scene:
Footprint: 500 sq. ft. Security Required? Yes/N Type: Needs to be in a secure/observed area

Team Staff Considerations
# of staff to transport: 2 # of staff per operational period: 1
Limits on staff hours of work per day: none
Number of day(s) initial staff will remain on scene: 3
Who schedules staff rotation: Resource Agency or Dispatch
Outside (commercial) personnel required: No who schedules: N/A

Team is self-sufficient for: 3 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Diesel
Fuel Capacity: 50 Gallons - which will power the asset for approx.: 2 days
Asset has Shore Line: Yes Length: 80 (feet) NEMA Connector Type: 1450
Draw (Amps): 50

Comments / Notes / Special Considerations:
2 NCS250 Interconnect Box

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.15k UCP 11 Deployment/Activation

Asset Location (Address): 9th St., Mt. Vernon IL

Deployment Contact: 7x24 Phone: 800.782.7860
Name: IEMA Dispatch Phone: 217.782.7860
Email: ema.dispatcher@illinois.gov EMnet: IL.000

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				618.204.4980 618.244.8004 x1
Resource Agency (Main)	Sheriff Travis Allen	Jefferson CSO	sheriff@jeffil.us	618.244.8004 618.244.8004
Resource Agency (Alt)	None			

Timing
Lead time to deploy: During work day 12-24 hrs After Hours 12-24 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Delivered
Method: Self-propelled
If **trailer only**: Hitch Type/Size: N/A Electrical Connector Type: N/A
Electric Brakes: N/A Required tow vehicle size/model: N/A
Maximum Transport Speed: 55 Mph
Note any height, width or weight, restriction: None

On Scene:
Footprint: 500 sq. ft. Security Required? Yes/N Type: Needs to be in a secure/observed area

Team Staff Considerations
# of staff to transport: 2 # of staff per operational period: 1
Limits on staff hours of work per day: none
Number of day(s) initial staff will remain on scene: 3
Who schedules staff rotation: Resource Agency or Dispatch
Outside (commercial) personnel required: No who schedules: N/A

Team is self-sufficient for: 3 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Diesel
Fuel Capacity: 50 Gallons - which will power the asset for approx.: 2 days
Asset has Shore Line: Yes Length: 80 (feet) NEMA Connector Type: 1450
Draw (Amps): 50

Comments / Notes / Special Considerations:
2 NCS250 Interconnect Box

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.15l UCP 12 Deployment/Activation

Asset Location (Address): 302 E. Poplar, DuQuoin IL

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				
Resource Agency (Main)	Raymond "Doug" Clark	DuQuoin ESDA	duquoinesda@gmail.com	618.967.2404 618.542.2131
Resource Agency (Alt)				

Timing
Lead time to deploy: During work day 12-24 hrs After Hours 12-24 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Delivered
Method: Self-propelled
If **trailer only**: Hitch Type/Size: N/A Electrical Connector Type: N/A
Electric Brakes: N/A Required tow vehicle size/model: N/A
Maximum Transport Speed: 55 Mph
Note any height, width or weight, restriction: None

On Scene:
Footprint: 500 sq. ft. Security Required? Yes/N Type: Needs to be in a secure/observed area

Team Staff Considerations
# of staff to transport: 2 # of staff per operational period: 1
Limits on staff hours of work per day: none
Number of day(s) initial staff will remain on scene: 3
Who schedules staff rotation: Resource Agency or Dispatch
Outside (commercial) personnel required: No who schedules: N/A

Team is self-sufficient for: 3 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Diesel
Fuel Capacity: 50 Gallons - which will power the asset for approx.: 2 days
Asset has Shore Line: Yes Length: 80 (feet) NEMA Connector Type: 1450
Draw (Amps): 50

Comments / Notes / Special Considerations:
2 NCS250 Interconnect Box

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.15m UCP 13 Deployment/Activation

Asset Location (Address): 109 W. Liberty, Wauconda IL

Deployment Contact:
Name: IEMA Dispatch
Email: ema.dispatcher@illinois.gov

7x24 Phone: 800.782.7860
Phone: 217.782.7860
EMnet: IL.000

Coordinating Agency (Main)	Walt Lewis	IEMA	Walt.Lewis@illinois.gov	217-557-6422 800.782.7860
Coordinating Agency (Alt)				
Resource Agency (Main)	Mike Wahl		mwahl@waucondafire.org;	847.526.2821 847.526.2306
Resource Agency (Alt)	None			

Timing
Lead time to deploy: During work day 12-24 hrs After Hours 12-24 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Delivered
Method: Self-propelled
If **trailer only**: Hitch Type/Size: N/A Electrical Connector Type: N/A
Electric Brakes: N/A Required tow vehicle size/model: N/A
Maximum Transport Speed: 55 Mph
Note any height, width or weight, restriction: None

On Scene:
Footprint: 500 sq. ft. Security Required? Yes/N Type: Needs to be in a secure/observed area

Team Staff Considerations
# of staff to transport: 2 # of staff per operational period: 1
Limits on staff hours of work per day: none
Number of day(s) initial staff will remain on scene: 3
Who schedules staff rotation: Resource Agency or Dispatch
Outside (commercial) personnel required: No who schedules: N/A

Team is self-sufficient for: 3 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Diesel
Fuel Capacity: 50 Gallons - which will power the asset for approx.: 2 days
Asset has Shore Line: Yes Length: 80 (feet) NEMA Connector Type: 1450
Draw (Amps): 50

Comments / Notes / Special Considerations:
2 NCS250 Interconnect Box

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.16 UCPs 14-16

Unit ID / Designator:	UCP 14-16
Location	See Appendix A
Service Area	Statewide
Type/Make/Model:	LDV
Quantity:	1 each / 16 total in State
Latitude / Longitude	Varies
FEMA Type (Type I, II, III, IV)	Type II
Capability to Extend a LMR System	No
Microwave Connectivity Capability	No
Radio Capability (Portable Cache) (2 Multi Band Thales for techs)	LB #_0_ VHF#_0_ UHF#_0_ 700/800#_0_ 800 #_0_ STARCOM21 #_0_
Radio Capability (Mobiles)	HAM # 0 HF # 1 LB # 1 VHF # 3 UHF#_1_7/8 # 0 800# 0 STARCOM21 # 3 Marine # 0 Air # 1
Radio Capability (Base /Repeaters)	LB #_0_ VHF#_0_ UHF#_0_ 700/800#_0_ 800 #_0_ STARCOM21 #_0_
Number of Radio Operator Positions	4
Satellite Phone	No
Voice Lines (Type/Quantity)	Yes Cellular 3/ Terrestrial 3
PBX Installed	Yes # of CO Lines_6_ # of Stations_16_
FAX Capability	Yes Via: Landline (Cloud/Internet FAX Possible)
Computer Server Capability	No
Wi Fi	Yes Coverage Area: Inside Vehicle
Computers	Yes Quantity:_5_
Printing Capability	Yes Quantity:_1_ Color
Scanning Capability	Yes Quantity:_1_ Color
Copying Capability	Yes Quantity:_1_ Color
Conference Space	Yes Seating Capacity: _12_
Internet Access	Yes Type: Satellite / Terrestrial
Internet Access Speed in KBPS	Up _ 1000_KBPS Down_3000_ KBPS
Video Teleconference Capability	Yes Type:_Polycom Mobile Responder_
On Scene Video Monitoring Capability	Yes Fixed
GIS Ability	No
TV Reception Capability	Over the Air / Cable
Expandable Mast	Yes Height _25_ Feet Camera

F.16a UCP 14 Deployment/Activation

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

Asset Location (Address): 1707 St Johns Avenue Highland Park

Deployment Contact:
Name: RED Center
Email: dispatch@redcenter.org

7x24 Phone: 847.724.5700
Phone: 847.272.2121
EMnet: IL.121

Coordinating Agency (Main)	Jeff Rodrigues	Cook Co DHSEM	jeffrey.rodrigues@cookcountyil.gov	312.285.5639
Coordinating Agency (Alt)				
Resource Agency (Main)	Jeff Rodrigues	Cook Co DHSEM	jeffrey.rodrigues@cookcountyil.gov	312.285.5639
Resource Agency (Alt)				

Timing
Lead time to deploy: During work day 12-24 hrs After Hours 12-24 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Delivered
Method: Self-propelled
If **trailer only**: Hitch Type/Size: N/A Electrical Connector Type: N/A
Electric Brakes: N/A Required tow vehicle size/model: N/A
Maximum Transport Speed: 55 Mph
Note any height, width or weight, restriction: None

On Scene:
Footprint: 500 sq. ft. Security Required? Yes/N Type: Needs to be in a secure/observed area

Team Staff Considerations
# of staff to transport: 2 # of staff per operational period: 1
Limits on staff hours of work per day: none
Number of day(s) initial staff will remain on scene: 3
Who schedules staff rotation: Resource Agency or Dispatch
Outside (commercial) personnel required: No who schedules: N/A

Team is self-sufficient for: 3 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Diesel
Fuel Capacity: 50 Gallons - which will power the asset for approx.: 2 days
Asset has Shore Line: Yes Length: 80 (feet) NEMA Connector Type: 1450
Draw (Amps): 50

Comments / Notes / Special Considerations:
2 NCS250 Interconnect Box

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.16b UCP 15 Deployment/Activation

Asset Location (Address): 123 Madison St., Oak Park IL

Deployment Contact:
Name: RED Center
Email: dispatch@redcenter.org

7x24 Phone: 847.724.5700
Phone: 847.272.2121
EMnet: IL.121

Coordinating Agency (Main)	Jeff Rodrigues	Cook Co DHSEM	jeffrey.rodrigues@cookcountyil.gov	312.285.5639
Coordinating Agency (Alt)				
Resource Agency (Main)	Jeff Rodrigues	Cook Co DHSEM	jeffrey.rodrigues@cookcountyil.gov	312.285.5639
Resource Agency (Alt)				

Timing
Lead time to deploy: During work day 12-24 hrs After Hours 12-24 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Delivered
Method: Self-propelled
If **trailer only**: Hitch Type/Size: N/A Electrical Connector Type: N/A
Electric Brakes: N/A Required tow vehicle size/model: N/A
Maximum Transport Speed: 55 Mph
Note any height, width or weight, restriction: None

On Scene:
Footprint: 500 sq. ft. Security Required? Yes/N Type: Needs to be in a secure/observed area

Team Staff Considerations
# of staff to transport: 2 # of staff per operational period: 1
Limits on staff hours of work per day: none
Number of day(s) initial staff will remain on scene: 3
Who schedules staff rotation: Resource Agency or Dispatch
Outside (commercial) personnel required: No who schedules: N/A

Team is self-sufficient for: 3 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Diesel
Fuel Capacity: 50 Gallons - which will power the asset for approx.: 2 days
Asset has Shore Line: Yes Length: 80 (feet) NEMA Connector Type: 1450
Draw (Amps): 50

Comments / Notes / Special Considerations:
2 NCS250 Interconnect Box

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

F.16c UCP 16 Deployment/Activation

Asset Location (Address): 15900 S Cicero Oak Forest

Deployment Contact:
Name: RED Center
Email: dispatch@redcenter.org

7x24 Phone: 847.724.5700
Phone: 847.272.2121
EMnet: IL.121

Coordinating Agency (Main)	Jeff Rodrigues	Cook Co DHSEM	jeffrey.rodrigues@cookcountyil.gov	312.285.5639
Coordinating Agency (Alt)				
Resource Agency (Main)	Jeff Rodrigues	Cook Co DHSEM	jeffrey.rodrigues@cookcountyil.gov	312.285.5639
Resource Agency (Alt)				

Timing
Lead time to deploy: During work day 12-24 hrs After Hours 12-24 hrs
Time to set up after arrival on scene: 1 hr

Transportation
Delivery: Delivered
Method: Self-propelled
If **trailer only**: Hitch Type/Size: N/A Electrical Connector Type: N/A
Electric Brakes: N/A Required tow vehicle size/model: N/A
Maximum Transport Speed: 55 Mph
Note any height, width or weight, restriction: None

On Scene:
Footprint: 500 sq. ft. Security Required? Yes/N Type: Needs to be in a secure/observed area

Team Staff Considerations
# of staff to transport: 2 # of staff per operational period: 1
Limits on staff hours of work per day: none
Number of day(s) initial staff will remain on scene: 3
Who schedules staff rotation: Resource Agency or Dispatch
Outside (commercial) personnel required: No who schedules: N/A

Team is self-sufficient for: 3 Days
Support needed after self-sufficient period: Food: Yes Water: Yes Housing: Yes
Special Needs: None

Fuel / Power
Generator Fuel Type: Diesel
Fuel Capacity: 50 Gallons - which will power the asset for approx.: 2 days
Asset has Shore Line: Yes Length: 80 (feet) NEMA Connector Type: 1450
Draw (Amps): 50

Comments / Notes / Special Considerations:
2 NCS250 Interconnect Box

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

Appendix G Mutual Aid Repeaters for Interoperability: Fixed, Transportable or Portable

G.1 MUTUAL AID FIXED REPEATERS

Status	County	Agency_ Name	Rptrs	Avail Ch	Location	24 Hr Dispatch Center
Available	Boone	Illinois Tollway	2	8CAL90, 8TAC91, 8TAC92, 8TAC93, 8TAC94	Belvidere, IL, I-90 & US20	Tollway Dispatch Center ADD Phone Numbers
Available	Champaign	Illinois State Police	2	8CAL90, 8TAC92,	Pesotum, IL	Illinois State Police District 10
Available	Christian	Illinois State Police	2	8CAL90, 8TAC92,	Taylorville, IL	Illinois State Police District 9
Available	Cook	Cook Co. Sheriff	4	8CAL90, 8TAC91, 8TAC92, 8TAC93, 8TAC94	Chicago, IL., 26th & California	Cook Co. Sheriff's Police E911 Center
Available	Cook	Cook Co. Sheriff	2	8CAL90, 8TAC91, 8TAC92, 8TAC93, 8TAC94	Hoffman Estates, IL.	Cook Co. Sheriff's Police E911 Center
Available	Cook	Cook Co. Sheriff	2	8CAL90, 8TAC91, 8TAC92, 8TAC93, 8TAC94	Melrose Park, IL.	Cook Co. Sheriff's Police E911 Center
Available	Cook	Cook Co. Sheriff	2	8CAL90, 8TAC91, 8TAC92, 8TAC93, 8TAC94	Steger, IL.	Cook Co. Sheriff's Police E911 Center
Available	Cook	Cook Co. Sheriff	2	8CAL90, 8TAC91, 8TAC92, 8TAC93, 8TAC94	Palos Park, IL	Cook Co. Sheriff's Police E911 Center
Available	Cook	Illinois State Police	5	8CAL90, 8TAC91, 8TAC92, 8TAC93, 8TAC94	Willis (Sears) Tower, Chicago, IL	Illinois State Police District-Chicago
Available	Cook	Illinois Tollway	2	8CAL90, 8TAC91, 8TAC92, 8TAC93, 8TAC94	Elgin IL, I-90 & IL25	Tollway Dispatch Center
Available	Cook	Illinois Tollway	2	8CAL90, 8TAC91, 8TAC92, 8TAC93, 8TAC94	Markham, IL, I-294 & I-80	Tollway Dispatch Center
Available	Cook	Illinois Tollway	2	8CAL90, 8TAC91, 8TAC92, 8TAC93, 8TAC94	Western Springs, IL, I-294 & 55th St.	Tollway Dispatch Center

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

Status	County	Agency_ Name	Rptrs	Avail Ch	Location	24 Hr Dispatch Center
Available	Cook	Northwest Central Dispatch IL	5	8CAL90, 8TAC91, 8TAC92, 8TAC93, 8TAC94	Arlington Heights, IL	Northwest Central Dispatch
Available	Cook	Illinois Tollway	1	UCASLL40 UTAC41 UTAC42 UTAC43	Western Springs I-294/55th St.	Tollway Dispatch Center
Available	Cook	Illinois Tollway	1	UCASLL40 UTAC41 UTAC42 UTAC43	Markham I-294/I-80	Tollway Dispatch Center
Available	DuPage	Illinois Tollway	2	8CAL90, 8TAC91, 8TAC92, 8TAC93, 8TAC94	Lisle IL, I-355 & I-88	Tollway Dispatch Center
Available	DuPage	Illinois Tollway	1	UCASLL40 UTAC41 UTAC42 UTAC43	Addison I-355 and Army Trail	Tollway Dispatch Center
Available	Effingham	Illinois State Police	2	8CAL90, , 8TAC92,	Mason	Illinois State Police District 12
Available	Grundy	Grundy County 911	3	8CAL90, 8TAC92, 8TAC94	IL Rt. 47 & IL Rt 113	Grundy County Dispatch
Available	Grundy	Grundy County 911	1	UCASLL40 UTAC41 UTAC42 UTAC43	IL Rt. 47 & IL Rt 113	Grundy County Dispatch
Available	Grundy	Illinois State Police	2	8CAL90, 8TAC91, 8TAC93,	IL Rt. 47 & IL Rt 113	Grundy County Dispatch
Available	Kane	City of Elgin	2	8CAL90, 8TAC91,	State St, Elgin, IL.	Elgin Emergency Communications
Available	Kane	Illinois Tollway	2	8CAL90, 8TAC91, 8TAC92, 8TAC93, 8TAC94	Aurora, IL, I-88 & IL25	Tollway Dispatch Center
Available	Kane	City of Elgin	5	8CAL90, 8TAC91, 8TAC92, 8TAC93, 8TAC94	Nessler Rd. & South Rd., Elgin, IL	Elgin Emergency Communications
Available	Kankakee	Illinois State Police	2	8CAL90, , 8TAC92,	Bradley, IL	Illinois State Police District 21
Available	Lake	County of Lake, Illinois	5	8CAL90, 8TAC91, 8TAC92, 8TAC93, 8TAC94	Libertyville, Illinois	Lake County Sheriff Communications Center
Available	Lake	Illinois Tollway	2	8CAL90, 8TAC91, 8TAC92, 8TAC93, 8TAC94	Gurnee, IL, I-94 & IL132	Tollway Dispatch Center

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

Status	County	Agency_ Name	Rptrs	Avail Ch	Location	24 Hr Dispatch Center
Available	Lake	Illinois Tollway	1	UCASLL40 UTAC41 UTAC42 UTAC43	Libertyville I-94 and IL 137	Tollway Dispatch Center
Available	Lake	Illinois Tollway	2	8CAL90, 8TAC91, 8TAC92, 8TAC93, 8TAC94	Deerfield, IL, I-294 & I-94	Tollway Dispatch Center
Available	McLean	Illinois State Police	2	8CAL90, 8TAC92,	Bloomington, IL (Waterson Dorm)	Illinois State Police District 6
Available	Ogle	Illinois Tollway	2	8CAL90, 8TAC91, 8TAC92, 8TAC93, 8TAC94	Rochelle, IL, I-88 & I-39	Tollway Dispatch Center
Available	Peoria	Illinois State Police	2	8CAL90, 8TAC92,	Richwood (Peoria)	Illinois State Police District 8
Available	Rock Island	Illinois State Police	3	8CAL90, 8TAC91,	E. Moline	Illinois State Police District 7
Available	Sangamon	Illinois State Police	3	8CAL90, 8TAC91, 8TAC92,	Springfield	Illinois State Police District 9
Available	St. Clair	St. Clair County / St Louis Police Dept.	5	8CAL90, 8TAC91, 8TAC92, 8TAC93, 8TAC94	St. Louis, MO	St. Louis City Police Department
Available	Tazewell	Tazewell County ETSB	2	8CAL90, 8TAC92,	Pekin	TAZCOM, Pekin IL
Available	Will	County of Will, Illinois	2	8CAL90, 8TAC91	Lockport, IL	Will County Sheriff Communications Center
Available	Will	Illinois Tollway	2	8CAL90, 8TAC91, 8TAC92, 8TAC93, 8TAC94	Lemont, IL, I-355 & 127th st.	Tollway Dispatch Center
Available	Will	Illinois Tollway	2	8CAL90, 8TAC91, 8TAC92, 8TAC93, 8TAC94	Lockport, IL, I-355 & 167th st.	Tollway Dispatch Center
Offline	Cook	Chicago OEMC Interop 1	1	8CAL90, 8TAC91, 8TAC92, 8TAC93, 8TAC94 NOTE: Patches to VHF, UHF	Chicago	Chicago OEMC
Offline	Cook	Chicago OEMC Interop 2	1	8CAL90, 8TAC91, 8TAC92, 8TAC93, 8TAC94N OTE: Patches to VHF, UHF	Chicago	Chicago OEMC

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G.2 MUTUAL AID TRANSPORTABLE REPEATERS

Status	County	Agency_ Name	Rptrs	Avail Ch	Location	24 Hr Dispatch Center
Available	Champaign	Champaign ITECS 7	1 1 1	UTAC41, UTAC43 7CALL/TAC 8TAC92	Transportable Statewide	Champaign 800-782-7860
Available	Cook	Chicago ITECS 5	1 1 1	UTAC41, UTAC43 7CALL/TAC 8TAC94	Transportable Statewide	Chicago OEMC 800-782-7860
Available	Crawford	Crawford Co. ITECS 9	1 1 1	UTAC41, UTAC42 7CALL/TAC 8TAC94	Transportable Statewide	Crawford Co. 800-782-7860
Available	DuPage	DuPage Co. ITECS 4	1 1 1	UTAC41, UTAC43 7CALL/TAC 8TAC93	Transportable Statewide	DuPage Co. 800-782-7860
Available	Sangamon	Springfield ITECS 1	1	8TAC91	Transportable Statewide	IEMA 800-782-7860
Available	Sangamon	Springfield IEMA SOW	1	8TAC94	Transportable Statewide	IEMA 800-782-7860
Available	Sangamon	Springfield ISP Center SOW	1	8TAC92	Transportable Statewide	ISP 217-414-3687
Available	Whiteside	Sterling ISP North SOW	1	8TAC91	Transportable Statewide	ISP 815-535-7766
Available	Perry	Du Quoin ISP South SOW	1	8TAC93	Transportable Statewide	ISP 618.521.3247
Available	Sangamon	Springfield ITECS 6	1 1 1	UTAC41, UTAC43 7CALL/TAC 8TAC91	Transportable Statewide	Springfield 800-782-7860
Available	St Clair	St. Clair Co. ITECS 8	1 1 1	UTAC41, UTAC42 7CALL/TAC 8TAC93	Transportable Statewide	St Clair Co. 800-782-7860
Available	Will	Will Co. ITECS 3	1 1 1	UTAC41, UTAC42 7CALL/TAC 8TAC92	Transportable Statewide	Will Co. 800-782-7860
Available	Williamson	Williamson Co. ITECS 11	1 1 1	UTAC41, UTAC43 7CALL/TAC 8TAC91	Transportable Statewide	City of Marion 800-782-7860
Available	Winnebago	Winnebago Co. ITECS 2	1 1 1	UTAC41, UTAC43 7CALL/TAC 8TAC91	Transportable Statewide	Winnebago Co. 800-782-7860

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G.3 MUTUAL AID PORTABLE REPEATERS

Status	County	Agency_ Name	Rptrs	Avail Ch	Location	24 Hr Dispatch Center
Available	Varies	ILEAS	9	VHF	1 per ILEAS SRT Team	Northwest Central Dispatch 847.590.3424-
Available	Varies	ILEAS	10	VHF	1 per ILEAS MFF team	Northwest Central Dispatch 847.590.3424
Available	Lake	MABAS	3	*VHF High VTAC36	Wheeling 233 W Hintz	MABAS 847-419-0911
Available	Lake	MABAS	1	*UHF Range 1 USAR Channels	Wheeling 233 W Hintz	MABAS 847-419-0911
Available	Lake	MABAS	3	*UHF Range 2 UCALL40, UTAC41, 42, 43	Wheeling 233 W Hintz	MABAS 847-419-0911
Available	Lake	MABAS	3	*UHF T Band No Chnls prgrmd	Wheeling 233 W Hintz	MABAS 847-419-0911
Available	Lake	MABAS	3	*700 MHz 7CALL50, 7TAC51, 52, 53	Wheeling 233 W Hintz	MABAS 847-419-0911
Available	Lake	MABAS	3	*800 MHz 8TAC91, 92, 94	Wheeling 233 W Hintz	MABAS 847-419-0911

Note: MABAS repeaters can be reprogrammed by MABAS Staff if necessary

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G.4 US DOJ 25 CITIES INTEROPERABLE SYSTEMS

The US Department of Justice has established a series of interoperability VHF High band digital P25 repeaters in 25 metropolitan areas throughout the United States. The following table lists those repeaters in the Illinois area.

DOJ 25 Cities Interoperability Repeaters Narrowband VHF High Digital P25				
FREQUENCY		TX / RX NAC	Location	NAME
BASE OUT	BASE IN			
170.8125	163.6500	$653	Palatine	CG-COM-N
171.6875	163.6500	$653	Chicago	CG-COM-C
171.4375	163.6500	$653	Joliet	CG-COM-S
168.8875	163.7000	$653	Palatine	CG-TAC-N
172.2125	163.7000	$653	Chicago	CG-TAC-C
168.9125	163.7000	$653	Joliet	CG-TAC-S
171.4375	162.8750	$653	St. Louis	STL-CALL
171.6875	163.8375	$653	St. Louis	STL-TAC
These P25 repeaters support local, state and federal voice communications interoperability their respective areas. Agencies interested in using these frequencies who are not currently participating in the 25 Cities effort should contact the POC listed below prior to programming any equipment.				
Michael Triem - 312.829.7700 - Michael.Triem@ic.fbi.gov (Chicago) Mark Engel - 312.829.7717 - Mark.Engel@ic.fbi.gov (Chicago) Ricky Holt – 314-589-2702 – Ricky.holt@ic.fbi.gov (St. Louis)				

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Appendix H Statewide AUXCOMM Frequencies

Band	RX Freq.	TX Freq.	Mode	Notes
80m	3.9050	3.9050	LSB	Primary
40m	7.2300	7.2300	LSB	Secondary
2m	145.6100	145.6100	NBFM Packet	IDEN 1200 baud
2m	146.5200	146.5200	NBFM	IL2A Nationwide Calling
2m	147.5250	147.5250	NBFM	IL2B
2m	147.5700	147.5700	NBFM	IL2C
70cm	446.0000	446.0000	NBFM	ILUHFA Nationwide Calling
70cm	446.4000	446.4000	NBFM	ILUHFB
70cm	446.7000	446.7000	NBFM	ILUHFC
Note: Operations on amateur radio frequencies requires an appropriately licensed amateur radio operator. Refer to FCC Rules, Part 97, or, the American Radio Relay League for more detailed information				

Through ICS the amateur radio section is known as AUXCOMM.

AMATEUR RADIO EMERGENCY SERVICES (ARES)

A program of the American Radio Relay League (ARRL). ARES consists of amateur radio operators who volunteer to provide emergency communications when needed. ARES groups are structured at the county level and often closely aligned with emergency management functions.

RADIO AMATEUR CIVIL EMERGENCY SERVICE (RACES)

RACES is a volunteer organization of licensed amateur radio operators registered with the local (county) emergency management organization to provide auxiliary emergency communications on behalf of local, state or federal government.

Although the FCC is responsible for the creation and regulation of RACES operations, management is the responsibility of the Federal Emergency Management Administration (FEMA).

Each local RACES group is administered by a local government agency responsible for disaster services. RACES may be activated by the director of an emergency management office, or authorized representative, for a particular area. The activation is in accordance with an approved civil defense communications plan.

Illinois, through IEMA, in early 2010 formalized a State of Illinois RACES plan. As part of that plan, counties are encouraged to develop local RACES programs in accordance with the state plan

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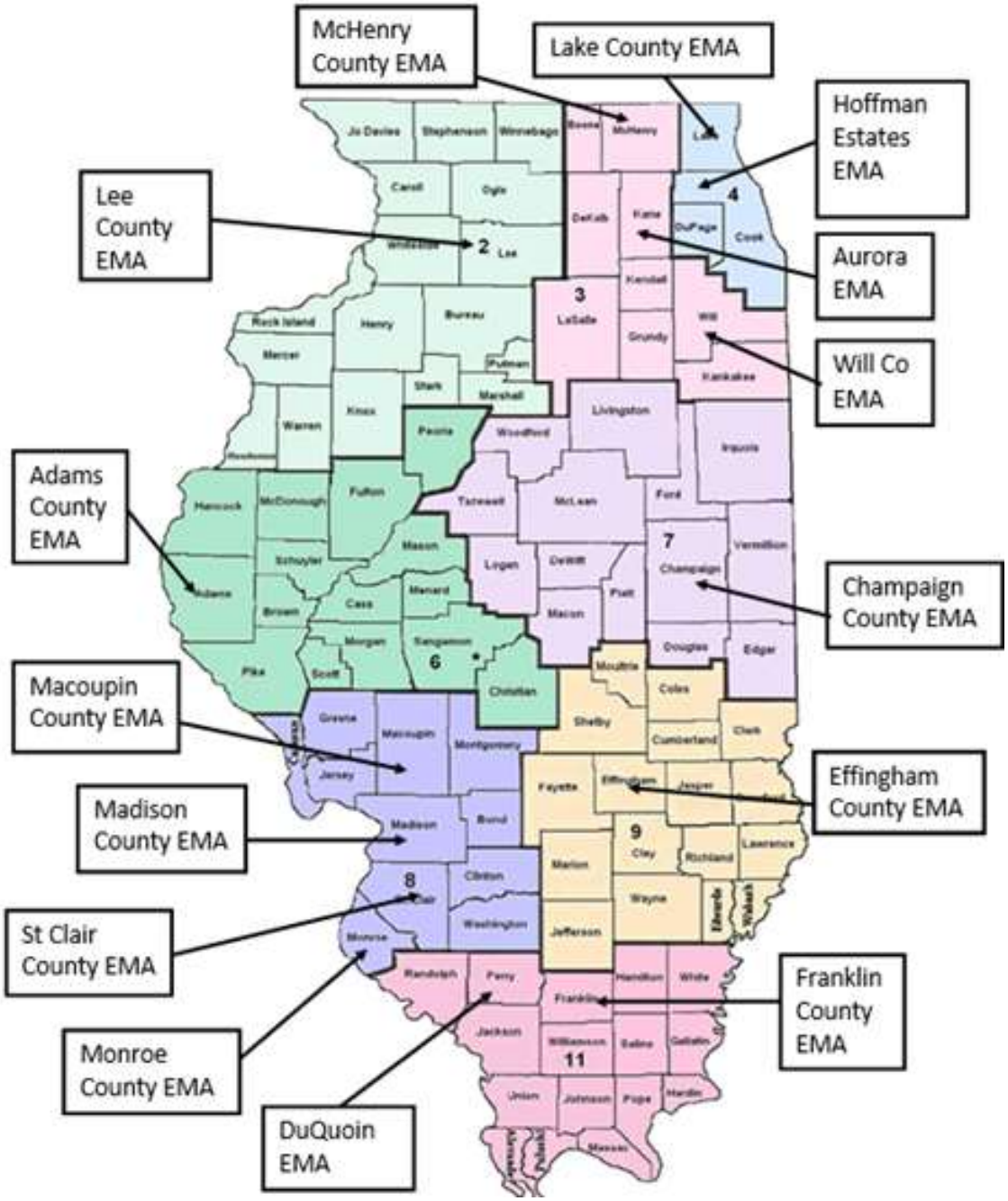
Appendix I **Auxiliary Equipment**

I.1 Generators Map



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I.2 Generators

County	Agency_ Name	Qty	MAKE MODEL	KW	Location	24 Hr Dispatch Center
Adams	IESMA	1 4 1	CK Power CKT 303 DM CKT 603 DM Kohler/Felling 100REOZT	30 60 100	Adams Co EMA 101 North 54th Quincy	EM-COM 217-732-4311
Champaign	IESMA	1 4 1	CK Power CKT 303 DM CKT 603 DM Kohler/Felling 100REOZT	30 60 100	Champaign Co. EMA 1701 East Main Urbana	EM-COM 217-732-4311
Cook	IESMA	1 4	CK Power CKT 303 DM CKT 603 DM	30 60	Hoffman Estes EMA 1900 Hassel Road Hoffman Estates	EM-COM 217-732-4311
Cook	IESMA	1 4	CK Power CKT 303 DM CKT 603 DM	30 60	Palatine EMA 1199 W. Northwest Palatine	EM-COM 217-732-4311
Effingham	IESMA	5 1	CK Power CKT 603 DM Kohler/Felling 100REOZT	60 100	Effingham Co EMA 311 Miracle Ave. Effingham	EM-COM 217-732-4311
Franklin	IESMA	1 4	CK Power CKT 303 DM CKT 603 DM	30 60	Franklin Co EMA 13613 Oddfellow Ln Benton	EM-COM 217-732-4311
Kane	IESMA	1 5	CK Power CKT 303 DM CKT 603 DM	30 60	Aurora EMA 1100 Mitchell Road Aurora	EM-COM 217-732-4311
Lake	IESMA	1 3 1	CK Power CKT 303 DM CKT 603 DM Kohler/Felling 100REOZT	30 60 100	Lake County EMA 650 W. Winchester Libertyville	EM-COM 217-732-4311
Lee	IESMA	1 4	CK Power CKT 303 DM CKT 603 DM	30 60	Lee County EMA 316 S Hennepin Dixon	EM-COM 217-732-4311
Macoupin	IESMA	1 4 1	CK Power CKT 303 DM CKT 603 DM Kohler/Felling 100REOZT	30 60 100	Macoupin Co EMA 19252 N. Route 4 Carlinville	EM-COM 217-732-4311
Madison	UASI Madison	2 1 4 1	Baldor TS45 TS45 w/ Light Tower Blue Star JD60-01 Cummins	45 45 60 100	Madison County Wood River	Madison County 618-692-4433
McHenry	IESMA	3 1	CK Power CKT 603 DM Kohler/Felling 100REOZT	60 100	McHenry Co EMA 2200 N. Seminary Woodstock	EM-COM 217-732-4311
Monroe	UASI Monroe	4	Blue Star JD60-01	60	Monroe County Waterloo	Monroe County 618-939-8318

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County	Agency_ Name	Qty	MAKE MODEL	KW	Location	24 Hr Dispatch Center
		1	Baldor TS60	60		
Perry	IESMA	1 5	CK Power CKT 303 DM CKT 603 DM	30 60	DuQuoin EMA U.S. Highway 51 S DuQuoin	EM-COM 217-732-4311
St Clair	UASI St Clair	5	Baldor TS60	60	St Clair County EMA Mascoutah	Belleville 911 618-277-3500
Will	IESMA	1 4	CK Power CKT 303 DM CKT 603 DM	30 60	Lee County EMA 316 S Hennepin Dixon	EM-COM 217-732-4311
Varies	MABAS	70+	Light Tower with four 1500 watt MH lights and 20 kVA Generator	20	in each MABAS Division statewide	Contact Local MABAS Division -or- RED Center 847-724-5700

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I.3 Light Towers

County	Agency_ Name	QTY	MAKE MODEL	KW	Location	24 Hr Dispatch Center
Varies	MABAS	70+	Light Tower with four 1500 watt MH lights and 20 kVA Generator	20	in each MABAS Division statewide	Contact Local MABAS Division -or- RED Center 847-724-5700

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Appendix J **Emergency Communications Resource Staffing**

	Name	Agency	County	Phone	Email
COMC	Walt Lewis	IEMA	Sangamon		walt.lewis@illinois.gov
State Recognized COML As of 2014 04 01	Abbott	METCAD 911	Champaign	(217) 333-9889	abbott@metcad911.org
	Allshouse	Stephenson County EMA	Stephenson	815-238-7205	scottals@comcast.net
	Anderson	Winnebago Co. SO	Winnebago	(815) 262-3786	andersonj@wcso-il.us
	Bayless	Champaign Fire Dept., ITECS 7	Champaign	217-390-9197	michael.bayless@ci.champaign.il.us
	Belmonte	Kendall County EMA	Kendall	630-553-7500	ebelmonte@co.kendall.il.us
	Carter	Illinois Dept of Public Health	Cook	312-814-5208	billy.carter@illinois.gov
	Cheney	DuPage Co. OHSEM	DuPage	(630) 682-7925	jwcheney@yahoo.com
	Choutka	ITTF	Kane	(847) 208-2375	achoutka@sbcglobal.net
	Ciszczon	Will County EMA	Will	630-688-5811 C	hazmat9302@gmail.com
	Davis	Metropolis Office of Emer Mgmt	Massac	618-522-1234	massac911@comcast.net

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	Name	Agency	County	Phone	Email
	Drouillard	American Red Cross	Cook	847-337-7000	jkdrouillard@aol.com
	Eckles	Adams Co Emer Mngmt	Adams	217-440-7757	former_marine_4567@yahoo.com
	Edling	Chicago FD	Cook	(312) 735-2345	ledling@cityofchicago.org
	Germain	Rockford Health System	Winnebago	815-238-3047;	mgermain2@comcast.net
	Gower	Williamson Co. EMA	Williamson	(618) 925-5111	wcema@yourclearwave.com
	Jackson	IEMA	Sangamon	(217) 557-2746	stephen.jackson@illinois.gov
	Jaeger	Belvidere FD	Boone	(815) 509-6802	kjaeger@belviderefire.com
	Kindlespire	Grundy Co. ETSB	Grundy		ckspire@grundy911.org
	Kochan	Madison County	Madison	618-296-4711	
	Lalley	Lee County EMA	Lee	815-284-3365	esda@countyoflee.org
	LeFebvre	DuPge Co. OHSEM	DuPage	(630) 587-8059	n9wro@comcast.net
	Lilly	Lake County EMA	Lake	847-344-8700	jlilly@lakecountyil.gov
	Lind	Bureau County ESDA	Bureau	815-488-3705	adam@lincomm.org
	Mathias	IDOT	Champaign	217-466-7294	rita.mathias@illinois.gov
	Midgett	Crawford Co. EMA	Crawford	(618) 421-1340	bmidgett@mchsi.com
	Mierop	Will Co. EMA	Will	(630) 363-5208	bmierop@willcountyillinois.com

	Name	Agency	County	Phone	Email
	Miller	IEMA	Sangamon	(217) 557-2736	Walt.Lewis@illinois.gov
	Miller	405th BSB . ING	Will	815-793-2572	thaddeus.t.miller@us.army.mil
	Murray	Will County EMA	Will	815-740-8392	tmurray@willcountyillinois.com
	Newman Jr.	Arlington Hieghts PD	Cook	(847) 650-2800	
	Parker	Richland EMA	Richland	618-869-2584	KA9TCH@yahoo.com
	Pepper	Illinois State Police	Whiteside	(815) 632-4010 x225	pepperj@isp.state.il.us
	Pitchford	Macoupin co. EMA	Macoupin	(217) 627-3175	james@royell.org
	Schmitz	Lemont Police Department	Will	630-669-2923	bschmitz@lemont.il.us
	Shipp	Bureau Co. Sheriff Office	Bureau	815-825-3344 x640	j.shipp@bureaucountysheriff.org
	Smith	Argonne National Lab	DuPage	630-977-2249	
	Springer	ILEAS	DuPage	630-386-6038	waspringer@ileas.org
	Strahle	183 FW IL ANG	Sangamon	217-757-1320	shawn.strahle@ang.af.mil
	Talley	Carterville Fire Department	Williamson	618-985-6391	mabasdiv45@frontier.com
	Vidmar	Will Co. EMA	Will	(815) 255-1204	avidmar@sbcglobal.net
	West	Illinois National Guard	Sangamon	217-761-1264	donald.d.west@us.army.mil
	Wiemken	Williamson Co. EMA	Williamson	(618) 993-2323	kb9ghw@yahoo.com

	Name	Agency	County	Phone	Email
COMT	Cheney	ITTF	Cook		jwcheney@yahoo.com;
	Choutka	ITTF	Cook		achoutka@sbcglobal.net;
	Davis	City of Metropolis	Massac		massac911@comcast.net;
	Drouillard	American Red Cross	Cook		jkdrouillard@aol.com;
	Heuchert	Madison County EMA	Madison		cmheuchert@co.madison.il.us
	Kindlespire	Grundy County ETSB	Grundy		CKSpire@Grundy911.org
	Kochan	Madison County EMA	Madison		jskochan@madison.il.us
	Kulasik	Grundy County EMA	Livingston		kb9wou@yahoo.com
INCM	Contact IL-TERT	Via NWCDS	Various	847.590.3424	
RADO	Contact IL-TERT	Via NWCDS	Various	847.590.3424	
Cache THSP	Walt Lewis	IEMA	Sangamon	217.557.2736	

	Name	Agency	County	Phone	Email
	ISP Radio Techs	ISP	Various	See Appendix E	
Gateway THSP	ITECS teams	ITECS Host Agency	Various	See Appendix A	
Other THSP	ITECS teams	ITECS Host Agency	Various	See Appendix A	
	Doug Phelps	STARCOM21 Motorola	Statewide		

Appendix K Policy Documents, Governing Documents, MOUs, and Agreements

Note: Reference any policy document(s), governing document(s), MOU(s) and agreement(s) by a link to a website if available; otherwise include full document in this appendix.

General Communications Rules of Use

Purpose

The purpose of the document is to provide general information about the State of Illinois Public Safety Interoperable channels.

NIMS/ICS/Plain Language/Unit Identification

- National Incident Management System – Use of an Incident Command System compliant with the National Incident Management System is recommended for use of any regional interoperability resource, i.e. implementing a Communications Unit Leader position.
- It is the responsibility of the Incident Commander/designee to establish the tactical callsigns to be used for the incident. It is the responsibility of all users to refer to facilities and staff by the proper tactical callsigns.
- Plain language – All communications shall be in plain language. Radio codes, acronyms and abbreviations are to be avoided as they may cause confusion among agencies. The reason for a request for assistance or backup should be clearly stated.
- Unit Identification – Agency name followed by identifier or resource type (i.e., IEMA 12, Fire Marshal David Adam 1, Secretary of State Police – Car 3 John 40, etc.).

Calling Another Unit

A user should call another user using the – "called unit **from** calling unit" format (also known as the "hey you –it's me" format) using unit identifiers as shown in 3.1.1 (above) as in:

"Illinois State Police Car 2-5 **from** IEMA 3"

Followed by:

"IEMA 3 **from** Illinois State Police Car 2-5, go ahead"

Important

- **NOTE:** Many State level interoperable channels (ISPERN, IFERN, POINT, IREACH, ESMARN, and MABAS firegrounds) are used on a daily basis for day-to-day operable

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communications. Using these operable channels as interoperable resources could affect ongoing operations in a nearby community. Please clarify/assess the need for the resource as an interoperable resource and be sensitive to how the state interoperable resources are used in a particular area.

- **NOTE:** Scanning across multiple channels is generally not advised when using interoperable communications.
- **NOTE:** Encryption shall not be used at any time on any simplex, State or National interoperable channel, including ISPERN, IREACH, IFERN, MERCI.
- **NOTE:** The use of digital voice/data transmission is prohibited on State and National level interoperable channels

If you have questions please email the Statewide Interoperability Coordinator (SWIC) at ema.scip@illinois.gov

State Interoperable Radio Channels Rules of Use

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ISPERN Illinois State Police Emergency Radio Network

Channel Name	Analog / Digital	Wide / Narrow	Subscriber RX and Tone	Subscriber TX and Tone	Primary Use	Agencies Supported
ISPERN (NIP VLAW31)*	A	N	155.47500 CSQ/D156**	155.47500 D156	State and Local Interop	Law Enforcement

***** indicates the channel has the same frequency as the non-federal Nation Interoperable Pool (NIP) channel but with an Illinois specific PL tone instead of the NIP PL Code of 156.7

****CTCSS Tones** – Default operation should be carrier squelch receive (CSQ), CTCSS Transmit. If the user can enable/disable without programming the radio, the indicated CTCSS tone also could be programmed for receive, and the user instructed how and when to enable/disable.

- ISPERN equipped radios must be operated only by law enforcement personnel.
- Routine communications on the ISPERN frequency between units owned by the same political subdivision is not permitted.
- Power output must not exceed 132 effective radiated power (ERP) for Mobile or base
- Provides personnel in police mobile units with an inter-agency communication capability for police activity of an emergency nature within the State of Illinois.
- Operates on a radio frequency assigned to the Illinois State Police by the Federal Communications Commission.
- Is under the control of the Director of the Illinois State Police.
- To accomplish the objectives of ISPERN, specific criteria for allowable communications have been established. The following eight types of communications are listed in priority ranking:
    - Emergency
    - Disaster
    - Pursuits
    - Criminal/traffic offense or missing persons
    - Hit alerts
    - Mobile-to-mobile coordination
    - Itinerant
    - Testing
- Mobile Command Post Eligibility Requirements. The ISPERN frequency may only be installed in Mobile Command Posts (Emergency Communications Vans) with the prior approval of the ISPERN Governing Board, and by meeting the following guidelines: ISPERN is a law enforcement frequency, therefore, use of the ISPERN frequency in the Communications Van/Mobile Command Post must be under the control of a police agency.

- Antenna height and effective radiated power (ERP) must be limited to that necessary to communicate with vehicle installed radios in the area of the emergency. Care must be taken to prevent interference with ISPERN traffic in adjacent areas.
- The local ISPERN Control Point will remain the network control station and shall coordinate traffic on this frequency to minimize interference. The Communications Van/Mobile Command Post shall notify the ISPERN Control Point when a drill begins and request that they broadcast a dispatch on ISPERN announcing the drill. When a drill is concluded, the Control Point shall be notified and a dispatch made advising the conclusion of the drill.
- ISPERN and FCC rules and regulations shall be followed.
- The use of ISPERN by the Communications Van/Mobile Command Post for test or drills shall not interfere with legitimate emergency traffic. Drill traffic shall cease until such emergency traffic clears.
- Disaster drill traffic shall not include false or misleading messages, but will consist primarily of inter-agency coordination of mobile units.

IREACH Illinois Radio Emergency Assistance Channel

Channel Name	Analog / Digital	Wide / Narrow	Subscriber RX and Tone	Subscriber TX and Tone	Primary Use	Agencies Supported
IREACH	A	N	155.05500 CSQ/D156*	155.05500 D156	Inter-agency	All

***CTCSS Tones** – Default operation should be carrier squelch receive (CSQ), CTCSS Transmit. If the user can enable/disable without programming the radio, the indicated CTCSS tone also could be programmed for receive, and the user instructed how and when to enable/disable.

Used for interdisciplinary coordination.

The purpose of IREACH is to allow any public safety employee to talk to any other public safety employee via radio provided the radio traffic relates to their official duties and the protection of life and/or property. For example, to permit a fire fighter to have direct radio contact with an emergency medical technician in an ambulance or to enable a police officer to talk to an EMA/ESDA official at a disaster site.

OPERATING GUIDELINES
The definition of acceptable IREACH traffic is deliberately broad. IREACH may be used to coordinate official public safety activities involving two or more public safety agencies. Official activities are defined as those serving to provide for the protection of life and/or property.

Licensed base stations will be allowed to operate on IREACH to foster coordination and communications between public safety units. A base station may initiate a dispatch if it is of significant interest to two or more disciplines.

Messages that qualify for ISPERN should be forwarded to the appropriate ISPERN control point for broadcast. If the message also has significant value to another discipline, such as Fire, EMS, EMA/ESDA, Highway Maintenance, or Conservation/Forestry, it can be broadcast on IREACH.

The base station call sign shall be broadcast at the end of each series of transmissions as an indication that the agency has concluded its use of the channel momentarily and is ready to accept traffic. Automatic station identifiers are specifically prohibited.
IREACH shall not be used by a single agency for field operations or as an intra-agency car-to-car channel. Paging and other forms of selective signaling will not be allowed on IREACH.

Manual
http://www.state.il.us/iema/SCIP/IREACH_Manual.pdf

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MABAS Mutual Aid Box Alarm System (Fire Tactical Operations Channels)

Channel Name	Analog / Digital	Wide / Narrow	Subscriber RX and Tone	Subscriber TX and Tone	Primary Use	Agencies Supported
IFERN (NIP VFIRE22)*	A	N	154.26500 CSQ/210.7**	154.26500 210.7	Fire Dispatch	Fire
IFERN 2 (NIP VFIRE26)*	A	N	154.30250 CSQ/67.0**	154.30250 67.0	Fire Dispatch and Staging	Fire
RED	A	N	153.83000 CSQ/69.3**	153.83000 69.3	Fire Ground	Fire
WHITE (NIP VFIRE21)*	A	N	154.28000 CSQ/74.4**	154.28000 74.4	Fire Ground	Fire
BLUE (NIP VFIRE23)*	A	N	154.29500 CSQ/85.4**	154.29500 85.4	Fire Ground	Fire
GOLD	A	N	153.83750 CSQ/91.5**	153.83750 91.5	Fire Ground	Fire
BLACK (NIP VFIRE24)*	A	N	154.27250 CSQ/94.8**	154.27250 94.8	Fire Ground	Fire
GRAY (NIP VFIRE25)*	A	N	154.28750 CSQ/136.5**	154.28750 136.5	Fire Ground	Fire
MERCI 160 (NIP SAR NFM)*	A	N	155.16000 Varies	155.16000 Varies	Edwardsville	EMS
MERCI 220	A	N	155.22000 Varies	155.22000 Varies	Dispatch	EMS
MERCI 280	A	N	155.28000 CSQ/D156**	155.28000 D156	Point to Point	EMS
MERCI 340 (NIP VMED28)*	A	N	155.34000 CSQ/ 210.7**	155.34000 210.7	Statewide	EMS
MERCI 400	A	N	155.40000 Varies	155.40000 Varies	NE Illinois	EMS

NOTE: * indicates the channel has the same frequency as the non-federal Nation Interoperable Pool (NIP) channel but with an Illinois specific PL tone instead of the NIP PL Code of 156.7

****CTCSS Tones** – Default operation should be carrier squelch receive (CSQ), CTCSS Transmit. If the user can enable/disable without programming the radio, the indicated CTCSS tone also could be programmed for receive, and the user instructed how and when to enable/disable.

Located at: http://www.mabas-il.org/MABASDispatchers/Pages/default.aspx

Definitions

IFERN – MABAS mutual aid dispatch and response frequency (base/mobile).
IFERN2 – Alternate base/mobile mutual aid dispatch frequency
Fireground – Low power tactical frequencies used for on-scene communications between the Incident Commander and units working the incident.(RED, WHT, BLU, GOLD, BLK, GRY)
MERCI – VHF ambulance to hospital frequencies. (155.280, 155.340 & 155.400 MHz)

Purpose:

To provide an operational guideline for member fire departments and their personnel for establishing an effective communications component for the Incident Action Plan at both routine and Lt Col or emergency incidents.

Background:

The MABAS organization has grown significantly over the past few years in size, geographical service area and responsibility. The complex nature of the various incidents that member fire departments respond to has mandated the use of additional mutual aid dispatch, coordination and tactical operations radio channels to effectively manage these incidents. As a result, the MABAS Communications Committee has developed this recommended practice to assist local Incident Commanders with the task of implementing a communications plan at all emergency incidents and training evolutions.

Guideline:

The following guideline may be used by a fire service Incident Commander to develop the communications component of an Incident Action Plan. The narrow-band frequencies listed herein (IFERN2, GOLD, BLACK & GRAY Firegrounds) may create operational difficulties due to interference with adjacent wide-band frequencies. Use of these frequencies may be limited until full migration to narrow-band operation is completed. Limited to 10 Watts ERP.

Please consider that it is extremely difficult for a single individual to effectively monitor more than 1 or 2 radio frequencies during an emergency incident. As the communications plan becomes more complex, the Incident Commander must rely on aides to assist with communications management at the Command Post.

Occasionally, a jurisdiction may respond to multiple simultaneous incidents, or neighboring jurisdictions may experience simultaneous emergencies. Use of a single fireground channel for both incidents may be counterproductive and cause unnecessary harmful interference. Incident Commanders at subsequent incidents should consider adjusting their communications plan and assign a different primary fireground channel to avoid operational difficulties.

More continued on the next page

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

The recommended frequency use matrix on the following page can be used as a quick reference sheet for the Incident Commander or other communications personnel within the Command Post.

	Routine Incidents	Box-2nd Alarms	Lt Col or Alarms	Mass Casualty	Fire & MCI	Tech Rescue	Haz-Mat	Water Rescue	Lt Col or Disaster
IC to Local Dispatcher	Dispatch	IFERN	IFERN	IFERN	IFERN	IFERN	IFERN	IFERN	IFERN
IC to MABAS Dispatcher		IFERN	IFERN	IFERN	IFERN	IFERN	IFERN	IFERN	IFERN
Staging		IFERN	IFERN	IFERN	IFERN	IFERN	IFERN	IFERN	IFERN
Scene/First Due Companies	RED	RED	RED	RED	RED	RED	RED	RED	RED
Interior/Fire Companies	RED	RED	RED		RED				RED
Operations Officer	RED	RED	RED	RED	RED	RED			RED
Safety Officer	RED	RED	RED	RED	RED	RED	RED	RED	RED
RIT Team(s)	RED	RED	RED		RED				RED
Accountability	RED	RED	RED	RED	RED	RED	RED	RED	RED
Water Supply	RED/BLUE	BLUE	BLUE		BLACK	BLUE	BLUE		BLACK
Aerial Operations	RED/BLUE	BLUE	BLUE		BLACK	BLUE	BLUE		BLACK
Logistics		WHITE	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE	GRAY
Public Information Officer		WHITE	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE	GRAY
Liaison Officer(s)		WHITE	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE	GRAY
Support Functions		WHITE	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE	GRAY
Extrication & Manpower				RED					RED
Triage Sector				BLUE	BLUE				BLUE
Treatment Sector				BLUE	BLUE				BLUE
Transport to Ambulances				IFERN	IFERN				IFERN
Transport to Med Control				MERCI	MERCI				MERCI
Helicopter Landing Zone	IREACH	IREACH	IREACH	IREACH	IREACH	IREACH	IREACH	IREACH	IREACH
SRT Entry Teams						GOLD			GOLD
Haz-Mat Officer							RED		
Haz-Mat Resource							BLACK		
Haz-Mat Entry/Back- up							BLACK		
Divemaster/Dive Operations								BLUE	
Boat Operations								BLUE	
Base Camp Operations									IFERN2
Fire Operations									RED
SRT Operations									WHITE
EMS Operations									BLUE
Interdisciplinary Coordination	IREACH	IREACH	IREACH	IREACH	IREACH	IREACH	IREACH	IREACH	IREACH

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

ESMARN Emergency Services Mutual Aid Radio Network

Channel Name	Analog / Digital	Wide / Narrow	Subscriber RX and Tone	Subscriber TX and Tone	Primary Use	Agencies Supported
ESMARN	A	N	155.02500 CSQ/123.0*	155.02500 123.0	Emergency Management	EMA

***CTCSS Tones** – Default operation should be carrier squelch receive (CSQ), CTCSS Transmit. If the user can enable/disable without programming the radio, the indicated CTCSS tone also could be programmed for receive, and the user instructed how and when to enable/disable.

The Emergency Services Mutual Aid Radio Network (ESMARN) is utilized throughout the state as an emergency management mutual aid channel. ESMARN is widely used in Illinois at the local emergency management agency level, providing a communications path for dispatch and notification as well as interoperability.

In Illinois and its adjoining states, the frequency known as ESMARN is used for local events where mutual aid and/or event notification is required. The use of ESMARN at the local level is both mobile-to-mobile and base-to-mobile communications. ESMARN is used by many local departments for paging of emergency management personnel as well as local services such as police, fire, and medical services.

Point to Point

Channel Name	Analog / Digital	Wide / Narrow	Subscriber RX and Tone	Subscriber TX and Tone	Primary Use	Agencies Supported
Point to Point	A	N	155.37000 CSQ	155.37000 CSQ	Law Enforcement Dispatch to Dispatch	All Law Dispatch

Law Enforcement PSAP to PSAP Communications Link

Programming Templates

Agencies that may need to work across a state border for mutual aid, should consider setting up a separate zone in the radio (if possible) with the NIP Channel names as opposed to relying on the Illinois name. (Police Example - Illinois = ISPERN; Wisconsin = VLAW31; National = VLAW31 // Fire Example - Illinois/Wisconsin/Indiana = MABAS BLUE; National = VFIRE23)

The Federal Communications Commission has designated multi-discipline interoperability channels in the UHF VHF (both low and high bands), UHF, 700 MHz and 800 MHz public safety radio bands. The term “multi-discipline” infers these channels are to be accessible for all public safety users to communicate to others within their discipline (police-to-police, fire-to-fire, etc.) as well as cross-discipline communications (police-to-fire, fire-to-local government, etc.) among all public safety users.

Below are examples of how these can be set up.

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

Basic VHF Interoperable Radio – EMA

CHANNEL	NAME	Mobile RX Freq	Mobile TX Freq	Tone RX	Tone TX
1	ESMARN	155.02500	155.02500	123.0*	123.0*
2					
3	IREACH	155.05500	155.05500	D156*	D156*
4					
5					
6					
7					
8					
9					
10	VCALL10	155.75250	155.75250	CSQ / 156.7**	156.7
11	VTAC11	151.13750	151.13750	CSQ / 156.7**	156.7
12	VTAC12	154.45250	154.45250	CSQ / 156.7**	156.7
13	VTAC13	158.73750	158.73750	CSQ / 156.7**	156.7
14	VTAC14	159.47250	159.47250	CSQ / 156.7**	156.7
15	NAT SAR	155.16000	155.16000	127.3	127.3
16					

NOTE: At no time will transmission of any form of digital signal be allowed on any state or national interoperability channel**.**

* New PL or DPL as of December 31. 2012

**NIFOG Recommendation: "Default operation should be carrier squelch receive, CTCSS 156.7 (5A) transmit. If the user can enable/disable CTCSS without reprogramming the radio, the indicated CTCSS tone should also be programmed for receive, and the user instructed how and when to enable/disable."

Basic VHF Interoperable Radio – Illinois Fire Zone

CHANNEL	NAME	Mobile RX Freq	Mobile TX Freq	Tone RX	Tone TX
1	IFERN	154.26500	154.26500	210.7	210.7
2	IFERN2	154.30250	154.30250	67.0	67.0
3	IREACH	155.05500	155.05500	D156*	D156*
4	RED	153.83000	153.83000	69.3	69.3
5	WHITE	154.28000	154.28000	74.4	74.4
6	BLUE	154.29500	154.29500	85.4	85.4
7	GOLD	153.83750	153.83750	91.5	91.5
8	BLACK	154.27250	154.27250	94.8	94.8
9	GRAY	154.28750	154.28750	136.5	136.5
10	VCALL10	155.75250	155.75250	CSQ / 156.7**	156.7
11	VTAC11	151.13750	151.13750	CSQ / 156.7**	156.7
12	VTAC12	154.45250	154.45250	CSQ / 156.7**	156.7
13	VTAC13	158.73750	158.73750	CSQ / 156.7**	156.7
14	VTAC14	159.47250	159.47250	CSQ / 156.7**	156.7
15	NAT SAR	155.16000	155.16000	127.3	127.3
16	VMED29	155.34750	155.34750	CSQ / 156.7**	156.7

Basic VHF Interoperable Radio – National Fire Zone

CHANNEL	NAME	Mobile RX Freq	Mobile TX Freq	Tone RX	Tone TX
1	IFERN	154.26500	154.26500	210.7	210.7
2	IFERN2	154.30250	154.30250	67.0	67.0
3	IREACH	155.05500	155.05500	D156*	D156*
4	VFIRE21	154.28000	154.28000	CSQ / 156.7**	156.7
5	VFIRE 22	154.26500	154.26500	CSQ / 156.7**	156.7
6	VFIRE23	154.29500	154.29500	CSQ / 156.7**	156.7
7	VFIRE24	154.27250	154.27250	CSQ / 156.7**	156.7
8	VFIRE25	154.28750	154.28750	CSQ / 156.7**	156.7
9	VFIRE26	154.30250	154.30250	CSQ / 156.7**	156.7
10	VCALL10	155.75250	155.75250	CSQ / 156.7**	156.7
11	VTAC11	151.13750	151.13750	CSQ / 156.7**	156.7
12	VTAC12	154.45250	154.45250	CSQ / 156.7**	156.7
13	VTAC13	158.73750	158.73750	CSQ / 156.7**	156.7
14	VTAC14	159.47250	159.47250	CSQ / 156.7**	156.7
15	NAT SAR	155.16000	155.16000	127.3	127.3
16	VMED29	155.34750	155.34750	CSQ / 156.7**	156.7

NOTE: At no time will transmission in any form of digital signal be allowed on any state or national interoperability channel**.** Both zones should be programmed. If space is limited in the radio, program only the Illinois zone

* New PL or DPL as of December 31. 2012

**NIFOG Recommendation: "Default operation should be carrier squelch receive, CTCSS 156.7 (5A) transmit. If the user can enable/disable CTCSS without reprogramming the radio, the indicated CTCSS tone should also be programmed for receive, and the user instructed how and when to enable/disable

Basic VHF Interoperable Radio - Law

CHANNEL	NAME	Mobile RX Freq	Mobile TX Freq	Tone RX	Tone TX
1	ISPERN***	155.47500	155.47500	CSQ	D156
2	IREACH	155.05500	155.05500	D156	D156
3	VLAW31	155.4750	155.4750	CSQ / 156.7**	156.7
4	VLAW32	155.4875	155.4875	CSQ / 156.7**	156.7
5	VTAC33	159.47250	151.13750	CSQ / 136.5**	136.5
6	VTAC34	158.73750	154.45250	CSQ / 136.5**	136.5
7	VTAC35	159.47250	158.73750	CSQ / 136.5**	136.5
8	VTAC36	151.13750	159.47250	CSQ / 136.5**	136.5
9	VTAC37	154.45250	158.73750	CSQ / 136.5**	136.5
10	VCALL10	155.75250	155.75250	CSQ / 156.7**	156.7
11	VTAC11	151.13750	151.13750	CSQ / 156.7**	156.7
12	VTAC12	154.45250	154.45250	CSQ / 156.7**	156.7
13	VTAC13	158.73750	158.73750	CSQ / 156.7**	156.7
14	VTAC14	159.47250	159.47250	CSQ / 156.7**	156.7
15	NAT SAR	155.16000	155.16000	127.3	127.3
16	VTAC38	158.73750	159.47250	CSQ / 136.5**	136.5

NOTE: At no time will transmission in any form of digital signal be allowed on any state or national interoperability channel**.**

**NIFOG Recommendation: "Default operation should be carrier squelch receive, CTCSS 156.7 (5A) transmit. If the user can enable/disable CTCSS without reprogramming the radio, the indicated CTCSS tone should also be programmed for receive, and the user instructed how and when to enable/disable."

*** See page K4 for limitations on usage of ISPERN.

Basic VHF Interoperable Radio - EMS

CHANNEL	NAME	Mobile RX Freq	Mobile TX Freq	Tone RX	Tone TX
1	VMED28	155.34000	155.34000	CSQ / 156.7**	156.7
2	VMED29	155.34750	155.34750	CSQ / 156.7**	156.7
3	IREACH	155.05500	155.05500	D156*	D156*
4	MERCI340	155.34000	155.34000	210.7	210.7
5	MERCI400	155.40000	155.40000	210.7	210.7
6	MERCI280	155.28000	155.28000	210.7	210.7
7	MERCI220	155.22000	155.22000	210.7	210.7
8					
9					
10	VCALL10	155.75250	155.75250	CSQ / 156.7**	156.7
11	VTAC11	151.13750	151.13750	CSQ / 156.7**	156.7
12	VTAC12	154.45250	154.45250	CSQ / 156.7**	156.7
13	VTAC13	158.73750	158.73750	CSQ / 156.7**	156.7
14	VTAC14	159.47250	159.47250	CSQ / 156.7**	156.7
15	NAT SAR	155.16000	155.16000	127.3	127.3
16	VMED29	155.34750	155.34750	CSQ / 156.7**	156.7

NOTE: At no time will transmission in any form of digital signal be allowed on any state or national interoperability channel**.**

* New PL or DPL as of December 31. 2012

**NIFOG Recommendation: "Default operation should be carrier squelch receive, CTCSS 156.7 (5A) transmit. If the user can enable/disable CTCSS without reprogramming the radio, the indicated CTCSS tone should also be programmed for receive, and the user instructed how and when to enable/disable."

More on EMS Channels

The State of Illinois, using federal homeland security grant monies, purchased 1,950 mobile radios, 180 portable radios, 201 hospital (MERCI) base stations, and 20 IREACH base stations which were distributed to local public health agencies, hospitals, local emergency management agencies, and law enforcement and fire departments in 2005 and 2006. Recipients of those VHF radios could exercise the option to add their local frequencies to the units, promoting the use of and familiarity with the instruments within the user communities through day-to-day use.

Common Name	Mobile Receive Frequency	Mobile Transmit Frequency	DCS / CTCSS
MERCI 160[1]	155.16000	155.16000	Varies
MERCI 220[2]	155.22000	155.22000	Varies
MERCI 280[3]	155.28000	155.28000	D156
MERCI 340	155.34000	155.34000	210.7[4]
MERCI 400[5]	155.40000	155.40000	Varies
AMB TACT 1	458.02500	458.02500	Varies
AMB TACT 2	458.07500	458.07500	Varies
AMB TACT 3	458.12500	458.12500	Varies
AMB TACT 4	458.17500	458.17500	Varies
MED 1	463.00000	468.00000	Varies
MED 2	463.02500	468.02500	Varies
MED 3	463.05000	468.05000	Varies
MED 4	463.07500	468.07500	Varies
MED 5	463.10000	468.10000	Varies
MED 6	463.12500	468.12500	Varies
MED 7	463.15000	468.15000	Varies
MED 8	463.17500	468.17500	210.7
MED 9	463.95000	467.95000	Varies
MED 10	463.97500	467.97500	Varies

NOTE: At no time will transmission in any form of digital signal be allowed on any state or national interoperability channel.

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[1] MERCI 160 use is limited to Edwardsville/Collinsville/Belleville area.

[2] MERCI 220 is designated as a dispatch channel.

[3] MERCI 280 is designated for hospital point to point and disaster-related communications.

[4] CTCSS Code 210.7 Hz is used for statewide communications during disaster or mutual aid incidents.

[5] MERCI 400 use is limited to northeastern Illinois, generally north of North Avenue in the Chicago metro area.

Basic UHF Interoperable Radio

CHANNEL	NAME	Mobile RX Freq	Mobile TX Freq	Tone RX	Tone TX
1	UCALL40D	453.2125	453.2125	CSQ / 156.7**	156.7
2	UTAC41D	453.4625	453.4625	CSQ / 156.7**	156.7
3	UTAC42D	453.7125	453.7125	CSQ / 156.7**	156.7
4	UTAC43D	453.8625	453.8625	CSQ / 156.7**	156.7
5	UCALL40	453.2125	458.2125	CSQ / 156.7**	156.7
6	UTAC41	453.4625	458.4625	CSQ / 156.7**	156.7
7	UTAC42	453.7125	458.7125	CSQ / 156.7**	156.7
8	UTAC43	453.8625	458.8625	CSQ / 156.7**	156.7
9					
10					
11					
12					
13					
14					
15					
16					

NOTE: At no time will transmission in any form of digital signal be allowed on any state or national interoperability channel**.**

**NIFOG Recommendation: "Default operation should be carrier squelch receive, CTCSS 156.7 (5A) transmit. If the user can enable/disable CTCSS without reprogramming the radio, the indicated CTCSS tone should also be programmed for receive, and the user instructed how and when to enable/disable."

ITECS/UCP Deployment Protocol

BELOW IS THE REQUESTING AND ASSISTING AGENCY ITECS/UCP ACTIVATION PROTOCOL

Definition of Terms

- **Out of Service (OOS):** Any time an ITECS or UCP unit is unable to be used because it is in the repair shop for normal maintenance work or is in need of repair(s). A unit shall not be classified as OOS simple because it is being used by an agency for a local event, a response to a local emergency or is in use by the State.

- **Available:** A unit is classified as "available" if it is in quarters at its home agency. The unit is placed in available status when returning from a local event, local emergency, state event, and state emergency or from repairs.

- **Local Deployment:** A unit is classified as "local deployment" when it has been deployed to a preregistered event or local emergency. The unit can be deployed from its quarters or in the case of a local emergency it may be deployed from a local event.

- **State Deployment:** A unit is classified as "state deployment' when it has been deployed by and for the State. A unit can be deployed from its quarters, local event or in some cases a local emergency depending on the situation of the local emergency and the overriding need of the State emergency.

- **Requesting Agency:** The organization in need of an ITECS or UCP unit.

- **Assisting Agency:** The host agency that quarters the ITECS or UCP unit.

PROTOCOLS:

A) Unit is out-of-service for standard maintenance and/or repair.

1. Call the IEMA Communications Center (800-782-7860) and advise them of the date and time that the unit was placed Out-of-Service (OOS). Also call the IEMA Communications Center and advise them when the unit is placed Back-in-Service.

B) Local Usage (Training, Drills or Community Event)

1. **Requesting Agency:** Contact the IEMA Communications Center (217-782-7860) for all request 5 days in advance but not more than 30 days prior to

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the event. Request for local events will only be taken by the IEMA Communications Center during normal business hours. Normal business hours are Monday thru Friday (excluding holidays) 8:30 a.m. to 5:00 p.m.

2. **Assisting Agency:** IEMA Communications Center will make arrangements with the assisting agency to reserve the type unit requested.
3. Additional unit(s) may be added to a preregistered event at any time and the 5/30 day notice is not required. Please remember that this pertains only to a preregistered event that was requested with a 5/30 day notice.
4. A report will be prepared by the IEMA Communications Center and forwarded via email to the requesting agency, assisting agency, IEMA Chief of Operations and the IEMA SEOC Manager.
5. **Deployment Date:** Assisting agency is required to contact the IEMA Communications Center and advise they are departing to the event and call again upon arrival at the event location. Radio or telephone notification is appropriate and acceptable.
6. **Return Date:** When departing the event contact the IEMA Communications Center and advise them of departure time from the event and their arrival time in quarters. Radio or telephone notification is appropriate and acceptable.

C) Local Emergency Activation:

1. **Requesting Agency:** Contact the IEMA Communications Center and advises them of the number and type unit(s) required to handle the emergency. Due to the nature of this type deployment the assisting agency may contact the IEMA Communications Center directly noting the request was directly received from the requesting agency (due to existing mutual aid agreements: MABAS, ILEAS or local MOUs) and deployment has been initiated. Radio notification is appropriate for these circumstances however a follow up telephone call to the IEMA Communications Center allows the IEMA Emergency Response Telecommunicators to complete the necessary documentation for these type deployments.
2. **Assisting Agency:** Unless the unit(s) has already been deployed as noted above the IEMA Communications Center will contact the assisting agency, prepare a report and see that the unit(s) is dispatched. All reports (regardless of the means of notification and deployment) will be forwarded to IEMA Chief of Operations and the IEMA SEOC Manager. If requested by either the receiving or assisting agency a report will be provided and sent via email.
3. **Deployment of Unit:** The assisting agency is required to contact the IEMA Communications Center and advise they are departing to the local

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emergency and call again upon arrival at the incident location. Radio or telephone notification is appropriate and acceptable.

4. **Return of Unit:** When departing the incident call the IEMA Communications Center and advise them of departure time from the incident location and the arrival time back in quarters. Radio or telephone notification is appropriate and acceptable.

D) <u>State Deployment:</u>

1. When there is a State emergency the entities involved may request deployment of an ITECS and/or UCP however, approval by the State is required for this type deployment.
2. Requests may be submitted to either the IEMA Communications Center or the IEMA SEOC if activated. The requests will be coordinated with the IEMA Communications Officer.
3. Once deployment has been approved the assisting agency is to advise the IEMA Communications Center when the unit(s) departs for the incident and again upon arrival on scene. Same when returning to quarters. Radio or telephone notification is appropriate and acceptable.
   - The State may request deployment of either of these units to support their operation in support of local incidents.

Any questions regarding the information in this notice should be directed to your local IEMA Regional Coordinator.

Appendix L Incident Command System Planning

This appendix contains SAMPLE forms for the **communications** aspect of Incident Command System (ICS) planning.

The forms included here are for REFERENCE ONLY. They have been reduced in size to fit the format of this document. Full-size forms are available from many sources, including the internet, in both printed and electronic formats. Please acquire a stock of full-size forms for use in your jurisdiction.

Different sources may have different formats for the forms and some sources may include forms that others do not. The SAMPLES provided here represent a cross-section of the forms available from a number of sources.

The only **communication** form that is included in the Incident Action Plan (IAP) is the ICS 205, Incident Communications Plan. The other forms are used to develop the ICS 205 and are kept within the Communications Unit for reference..

One source (among many) for ICS forms is:
http://training.fema.gov/EMIWeb/IS/ICSResource/ICSResCntr_Forms.htm

PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

ICS 201

INCIDENT BRIEFING	1. INCIDENT NAME	2. DATE	3. TIME PREPARED

4. MAP SKETCH (NTS)

Function	Frequency or Talkgroup Name	Assignment	Function	Frequency or Talkgroup Name	Assignment
Command			Tactical		
			Tactical		
Tactical			Tactical		
Tactical					
Tactical			Staging		

S Staging Area Name

Number (H-1, etc.) and Name

H B C Camp Name

Hazard (Identify type, e.g. power lines)

5. PREPARED BY (NAME AND POSITION)

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6. SUMMARY OF CURRENT ACTIONS	
Time	**Summary of Action**
	Continue on NIMS/ICS Form 214 Unit Log

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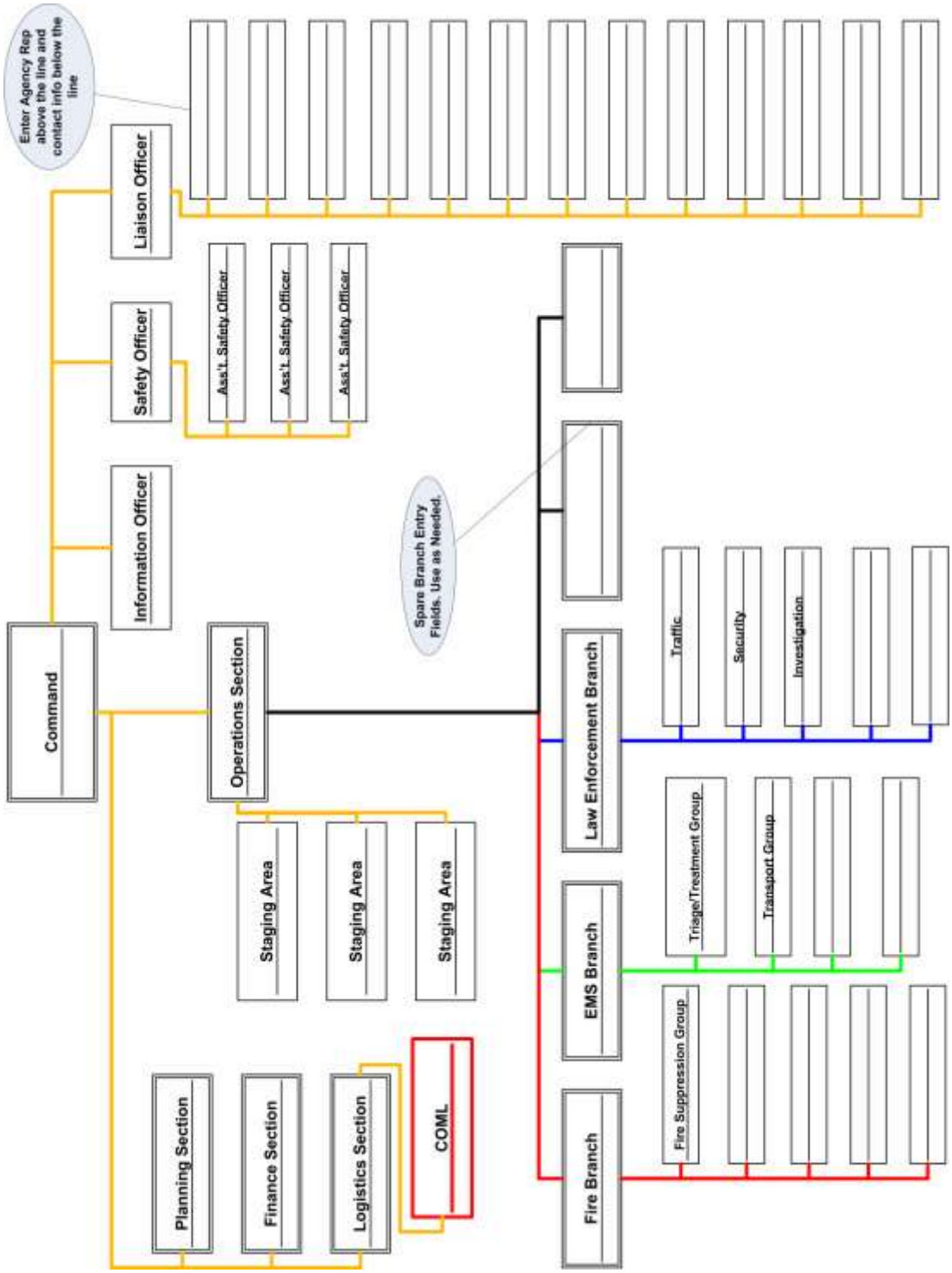
7. CURRENT ORGANIZATION – Place name and contact information (talkgroup/channel name, numbers, etc.) below the dividing line.



PUBLIC SAFETY SENSITIVE – FOR OFFICIAL USE ONLY

8. RESOURCES SUMMARY

RESOURCES ORDERED	RESOURCES IDENTIFICATION	ETA	ON SCENE ✓	LOCATION/ASSIGNMENT

Instructions for Completing the Incident Briefing (ICS 201 Form)

ITEM NUMBER	ITEM TITLE	INSTRUCTIONS
1.	Incident Name	Print the name assigned to the incident.
2.	Date Prepared	Enter date prepared (month, day, year).
3.	Time Prepared	Enter time prepared (24-hour clock).
4.	Map Sketch	Show perimeter and control lines, resources assignments, incident facilities, and other special; information on a sketch map or attached to the topographic or orthophoto map.
5.	Resources Summary	Enter the following information about the resources allocated to the incident. Enter the number and type of resource ordered.
	Resources Ordered	Enter the number and type of resource ordered.
	Resource Identification	Enter the agency three letter designator, S/T, Kind/Type and resource designator.
	ETA/On Scene	Enter the estimated arrival time and place the arrival time or a checkmark in the "on scene" column upon arrival.
	Location/Assignment	Enter the assigned location of the resource and/or the actual assignment.
6.	Current Organization	Enter on the organization chart the names of the individuals assigned to each position. Modify the chart as necessary.
7.	Summary of Current Actions	Enter the name and position of the person completing the form.
8.	Prepared By	Enter Name and position of the person completing the form.
*Note		Additional pages maybe to ICS Form 201 if needed.

Purpose: The incident Briefing form provides the Incident Commander (and the Command and General Staffs assuming command of the incident) with basic information regarding the incident situation and the resources allocated to the incident. It also serves as a permanent record of the initial response to the incident.

Preparation: The briefing form is prepared by the Incident Commander for presentation to the incoming Incident Commander along with a more detailed oral briefing. Proper symbology should be used when preparing a map of the incident.

Distribution: After the initial briefing of the Incident Commander and General Staff members, the Incident Briefing is duplicated and distributed to the Command Staff, Section Chiefs, Branch Directors, Division/Group Supervisors, and appropriate Planning and Logistic Section Unit Leaders. The sketch map and summary of current action Resources Summary portion are given to the Resources Unit.

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ICS 205 (New)

INCIDENT RADIO COMMUNICATIONS PLAN	Incident Name	Date/Time Prepared	Date/Time Prepared

Ch #	Function	Channel Name/Trunked Radio System Talkgroup	Assignment	RX Freq N or W	RX Tone/NAC	TX Freq N or W	Tx Tone/NAC	Mode	Remarks
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									

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5. Prepared by (Communications Unit)	Incident Location County/State	Lat/Long

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 (Project 25)

ICS 205 Current Version

INCIDENT RADIO COMMUNICATIONS PLAN	1. Incident Name	2. Date/Time Prepared	3. Operational Period Date/Time

4. Basic Radio Channel Utilization					
Radio Type/Cache	Channel	Function	Frequency/Tone	Assignment	Remarks

5. Prepared by (Communications Unit)

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Instructions for Completing the Incident Radio Communications Plan (ICS 205 Form)

ITEM NUMBER	ITEM TITLE	INSTRUCTIONS
1.	Incident Name	Print the name assigned to the incident.
2.	Date/Time Prepared	Enter date (month, day, year) and time prepared (24-hour clock).
3.	Operational Period Date/Time	Enter the date and time. Interval for which the Radio Communications Plan applies. Record the start time and end time and include date(s).
4.	Basic Radio Channel Utilization System/Cache	Enter the radio cache system(s) assigned and used on the incident (e.g., Boise Cache, FIREARMS, Region 5 Emergency Cache, etc).
	Channel Number	Enter the radio channel numbers assigned.
	Function	Enter the function each channel number is assigned (i.e., command, support, division tactical, and ground-to-air).
	Frequency	Enter the radio frequency tone number assigned to each specified function (e.g., 153.400).
	Assignment	Enter the ICS organization assigned to each of the designated frequencies (e.g., Branch I, Division A).
	Remarks	This section should include narrative information regarding special situations
5.	Prepared By	Enter the name of the Communications Unit Leader preparing the form.

Purpose: The Incident Radio Communications Plan provides in one location information on all radio frequencies assignments for each operational period. The plan is a summary of information obtained from the Radio Requirement Worksheet (ICS Form 216) and the Radio Frequency Assignment Worksheet (ICS Form 217). Information from the Radio Communications Plan on frequency assignment is normally placed on the appropriate Assignment List (ICS Form 204).

Preparation: The Incident Radio Communications Plan is prepared by the Communications Unit Leader and given to the Planning Section Chief.

Distribution: The Incident Radio Communications Plan is duplicated and given to all recipients of the Incident Objectives form including the Incident Communications Center. Information from the plan is placed on Assignment List.

ICS 213

GENERAL MESSAGE		
TO:	POSITION:	
FROM:	POSITION:	
SUBJECT:	DATE:	TIME:
MESSAGE:		
SIGNATURE:	POSITION:	
REPLY:		
DATE:	TIME:	SIGNATURE/POSITION:

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Instructions for Completing the General Message (ICS 213 Form)

ITEM NUMBER	INSTRUCTIONS
To	Indicate Unit/Person the General Message is intended for. Be specific.
Office	Indicate the location where the Unit/Person is located, e.g., Ground Support Unit Leader, Simpson Camp, Communications, etc.
From	Indicate appropriate designation and location sender.
Subject	Fill in if applicable.
Date	List the date and time.
Message	Briefly complete. Think through the message before writing it down. Try to be concise as possible.
Reply	This section is intended to be used by the Unit/Person who receives the message to reply to your message.
Date	Record the date and time of reply.
Signature	Record signature and title of person who initiates the message.
White Copy/Pink Copy	Both copies are sent by person who initiates the message.
Yellow Copy	Retained by the person who initiates the message.
Pink Copy	May be returned to the person who initiates the message.

The General Message form in use within the ICS is a three-part form.

Purpose: The General Message form is used by:

1. Incident dispatchers to records incoming messages which cannot be orally transmitted to the intended recipients.
2. Command Post and other incident personnel to transit messages to the Incident Communications Center for transmission via radio or telephone to the addressee.
3. Incident personnel to send any message or notification to incident personnel which required a hard-copy delivery.

Initiation of the Form: The General Message form may be initiated by incident dispatchers and any other personnel on an incident.

Distribution: upon completion, the General Message may be:

1. Hand carried to the addressee.
2. Hand carried to the incident Communications Center for transmission.

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ICS 214

UNIT LOG	1. Incident Name	2. Date Prepared	3. Time Prepared
4. Unit Name/Designators	5. Unit Leader (Name and Position)		6. Operational Period

7. Personnel Roster Assigned

Name	ICS Position	Home Base

8. Activity Log

Time	Lt Col or Events

9. Prepared by (Name and Position)	

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Instructions for Completing the Unit Log (ICS 214 Form)

ITEM NUMBER	ITEM TITLE	INSTRUCTIONS
1.	Incident Name	Print the name assigned to the incident.
2.	Date Prepared	Enter date prepared (month, day, year).
3.	Time Prepared	Enter time prepared (24-hour clock).
4.	Unit Name	Enter the title of the organizational unit resource designator (e.g., Facilities Unit, Safety Officer, and Strike Team).
5.	Unit Leader	Enter the name of the individual in charge of the unit.
6.	Operational Period	Enter the time span covered by the log (e.g., 1800 Oct.12 to 0600 Oct.13).
7.	Personnel Roster	List the name, position, and home based of each member assigned to the unit during the operational period.
8.	Activity Log	Enter the time and briefly describe each significant occurrence or event (e.g., task assignments, task completions, injuries, difficulties encountered, etc.)
9.	Prepared By	Enter Name and title of the person approving the log. Provide log to immediate supervisor at the end of each operational period.

Purpose: The Unit Log is used to record details of unit activity strike team activity. The file of these logs provides a basic reference which to extract information for inclusion ion any after-action report.

Preparation: A Unit Log is initiated and maintained by Command Staff members, Division/Group Supervisors, Air Operations Group/Strike Team/Task Force Leaders, and Unit Leaders. Completed logs are forwarded to supervisors who provide to the Documentation Unit.

Distribution: The Documentation Unit maintains a file of all Unit Logs. It is necessary that one copy of each log be submitted to the Documentation Unit.

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ICS Form 216

RADIO REQUIREMENTS WORKSHEET	1. Incident Name	2. Date	3. Time
4. Branch	5. Agency	6. Operational Period	7. Tactical Frequency

8. Division/Group			Division/Group			Division/Group			Division/Group		
Agency			Agency			Agency			Agency		
9. Agency	ID No.	Radio Reqmnts	Agency	ID No.	Radio Reqmnts	Agency	ID No.	Radio Reqmnts	Agency	ID No.	Radio Reqmnts

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			10. Prepared by (Name and Position)								

Instructions for Completing the Radio Requirements Worksheet (ICS 216 Form)

ITEM NUMBER	ITEM TITLE	INSTRUCTIONS
1.	Incident Name	Print the name assigned to the incident.
2.	Date Prepared	Enter date (month, day, year) prepared.
3.	Time Prepared	Enter time prepared (24-hour clock).
4.	Branch	Enter Branch number (I, II, etc.) for which radio requirements are being prepared.
5.	Agency	Enter the three-letter designator of the agency staffing the Branch Director position (e.g., VNC, CDF, ANF, LFD, etc.).
6.	Operational Period	Enter the time interval for which the assignment applies. Record the start date/time and end date/time.
7.	Tactical Frequency	Enter the radio frequency to be used by the Branch Director to communicate with each Division/Group Supervisor in the Branch.
8.	Division/Group	Enter for each Division/Group in the Branch the Division/Group identifier (A, B, etc.) and the agency assigned (e.g., LAC, VNC, etc.).
9.	Agency/ID No./Radio Requirements	List all units assigned to each Division/Group. Record the agency designator, unit or resource identification, and total number of radios needed for each unit resource.
10.	Prepared By	Enter the name and position of the person completing the worksheet.

Purpose: The Radio Requirements Worksheet is used to develop the total number of personnel portable radios required for each Division/Group and Branch. It provides a listing of all units assigned to each Division, and thus depicts the total incident radio needs.

Preparation: The worksheet is prepared by the Communications' Unit for each operational period and can only be completed after specific resource assignments are made and designated on Assignment Lists. This worksheet need not be used if the Communications Unit Leader can easily obtain the information directly from Assignment Lists.

Distribution: The worksheet is for internal use by the Communications Unit and therefore there is no distribution of the form.

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ICS Form 217

RADIO FREQUENCY ASSIGNMENT WORKSHEET

1. INCIDNET NAME	2. DATE	3. OPERATIONAL PERIOD (DATE/TIME) From:

4. INCIDENT ORGANIZATION 5. RADIO DATA				BRANCH	DIVISION	DIVISION	DIVISION	BRANCH	DIVISION	DIVISION	DIVISION	BRANCH	DIVISION	DIVISION	DIVISION	INCIDENT COMMANDER	SAFETY OFFICER	OPERATION SECTION CHIEF	AIR OPERATION	AIR TACTICAL SUPERVISO	PLANNING SECTION CHIEF	GROUND SUPPORT UNIT	BASE UNIT							COMM CENTER	TOTAL BY REQ.
SOURCE	FUNCTION	CH#	FREQUENCY																													
6. AGENCY	ID		CH#	FREQUENCY																												
7. TOTAL RADIOS REQUIRED																																
217 ICS																							8. PREPARED BY (NAME/POSITION)									

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ICS Form 217A

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A	Frequency Band	Description

	Channel Configuration	Channel Name/Trunked Radio System Talkgroup	Eligible Users/Assignments	RX Freq N or W	RX Tone/NAC	TX Freq N or W	Tx Tone/NAC	Mode A, D. or M	Remarks
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									

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). All channels are shown as if programmed in a portable or mobile radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

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Instructions for Completing the Radio Frequency Assignment Worksheet (ICS 217 Form)

ITEM NUMBER	ITEM TITLE	INSTRUCTIONS
1.	Incident Name	Print the name assigned to the incident.
2.	Date	Enter date (month, day, year) prepared.
3.	Operational Period	Enter the time interval for which the assignment applies. Record the start date/time and end date/time (e.g., 9/17/96-0600 to 9/18/96-0600).
4.	Incident Organization	List frequencies allocated for each channel for each organizational element activated, record the number of radios required to perform the designated function on the specified frequency.
5.	Radio Data	For each radio cache and frequency assigned, record the associated function. Functional assignment for: a. Command b. Support c. Division tactical d. Ground-to-air
6.	Agency	List the frequencies for each Lt Col or agency assigned to the incident. Also list the function and channel number assigned.
7.	Total Radios Required	Total each column. This provides the number of radios required by each organizational unit. Also total each row which provides the number of radios using each available frequency.
8.	Prepared By	Enter the name and position of the person completing the worksheet.

Purpose: The Radio Frequency Assignment Worksheet is used by the Communications Unit Leader to assist in determining frequency allocation.

Preparation: Cache radio frequencies available to the incident are listed on the form. Lt Col or agency frequencies assigned to the incident should be added to the bottom of the worksheet.

Distribution: The worksheet, prepared by the Communications Unit, is for internal use.

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ICS Form 309

COMMUNICATIONS LOG	**TASK #**	DATE PREPARED: TIME PREPARED:
FOR OPERATIONAL PERIOD#	TASK NAME:	
RADIO OPERATOR NAME (LOGISTICS):		STATION I.D.

LOG			
	STATION I.D.		
TIME	FROM	TO	SUBJECT

Appendix M **Reference Materials**

Reference Sources

- SAFECOM.

  http://www.safecomprogram.gov

  The *National Emergency Communications Plan* (NECP) is a strategic plan that sets goals and identifies key national priorities to enhance governance, planning, technology, training and exercises, and disaster communications capabilities. The NECP provides recommendations, including milestones, to help emergency response providers and relevant government officials make measurable improvements in emergency communications over the next three years.

- National Public Safety Telecommunications Council (NPSTC).

  http://www.npstc.org

  The *National Interoperability Field Operations Guide* (NIFOG) is a collection of technical reference material for radio technicians responsible for radios that will be used in disaster response applications. The NIFOG includes information from the National Interoperability Frequency Guide (NIFG), the instructions for use of the NIFG, and other reference material; formatted as a pocket-sized guide for radio technicians to carry with them.

- Federal Emergency Management Agency (FEMA).

  http://www.fema.gov

  The Department of Homeland Security *Target Capability List* (TCL describes the capabilities related to the four homeland security mission areas: Prevent, Protect, Respond, and Recover. It defines and provides the basis for assessing preparedness. It also establishes national guidance for preparing the Nation for Lt Col or all-hazards events, such as those defined by the National Planning Scenarios.

- Illinois Emergency Management Agency (IEMA)

  http://www.state.il.us/iema/SCIP.asp

  The Illinois *Statewide Communications Interoperability Plan* (SCIP) is a strategic plan designed to provide a framework for the state to identify strategic initiatives intended to enhance emergency communications interoperability

throughout the State. [State] has an approved SCIP that addresses designated critical elements for statewide interoperability and a process to frequently update the SCIP as progress is made and new initiatives emerge.

Illinois Radio Emergency Assistance Channel (IREACH)

http://sites.google.com/site/ireachorg/

IREACH was originally conceived and proposed within the confines of the Illinois Chapter of the Association of Public Safety Communications Officials (APCO). Conceptually, the channel was to be used as a support mechanism for 9-1-1 systems so that public safety answering points would have multi-jurisdictional and multi-discipline communications for emergency situations. The Illinois APCO chapter worked diligently to persuade the Federal Communications Commission (FCC) to set aside the frequency 155.055 MHz for the purpose that was to be designated as the Illinois Radio Emergency Assistance CHannel (IREACH).

Mutual Aid Box Alarm System (MABAS)

http://www.mabas-il.org/Pages/WelcomeToMABAS.aspx

MABAS (Mutual Aid Box Alarm System) in partnership with IEMA (Illinois Emergency Management Agency) have established a statewide, non-discriminatory mutual aid response system for fire, EMS and specialized incident operational teams. Sharing the effort are representatives from the Office of the State Fire Marshal, Department of Public Health - EMS Division and Illinois Fire Chiefs Association. The system defines a resource response plan to any location within the state when the Governor orders a Declaration of Disaster. A Memorandum of Understanding was signed on January 16, 2001, a first in Illinois history.

Standard Phonetic Alphabet

A	Alfa	H	Hotel	O	Oscar	V	Victor
B	Bravo	I	India	P	Papa	W	Whiskey
C	Charlie	J	Juliet	Q	Quebec	X	X-ray
D	Delta	K	Kilo	R	Romeo	Y	Yankee
E	Echo	L	Lima	S	Sierra	Z	Zulu
F	Foxtrot	M	Mike	T	Tango		

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G	Golf	N	November	U	Uniform		

CTCSS Privacy Tones/Codes

CTCSS (Continuous Tone Coded Squelch System) TONES & CODES			
Freq. (Hz)	Motorola PL TM	Freq. (Hz)	Motorola PL TM
67.0	XZ	136.5	4Z
69.3 or 69.4	WZ	141.3	4A
71.9	XA	146.2	4B
74.4	WA	151.4	5Z
77.0	XB	156.7	5A
79.7	WB	162.2	5B
82.5	YZ	167.9	6Z
85.4	YA	173.8	6A
88.5	YB	179.9	6B
91.5	ZZ	186.2	7Z
94.8	ZA	192.8	7A
97.4	ZB	203.5	M1
100.0	1Z	206.5	8Z
103.5	1A	210.7	M2
107.2	1B	218.1	M3
110.9	2Z	225.7	M4
114.8	2A	229.1	9Z
118.8	2B	233.6	M5
123.0	3Z	241.8	M6
127.3	3A	250.3	M7
131.8	3B	254.1	0Z

DCSS Privacy Tones/Codes

DCSS (Digital Coded Squelch System) CODES							
NORMAL	INVERTED	NORMAL	INVERTED	NORMAL	INVERTED	NORMAL	INVERTED
023	047	155	731	325	526	516	432
025	244	156	265	331	465	523	246
026	464	162	503	332	455	526	325
031	627	165	251	343	532	532	343
036	172	172	036	346	612	546	132
043	445	174	074	351	243	565	703
047	023	205	263	364	131	606	631
051	032	212	356	365	125	612	346
053	452	223	134	371	734	624	632
054	413	225	122	411	226	627	031
065	271	226	411	412	143	631	606
071	306	243	351	413	054	632	624
072	245	244	025	423	315	654	743
073	506	245	072	431	723	662	466
074	174	246	523	432	516	664	311
114	712	251	165	445	043	703	565
115	152	252	462	446	255	712	114
116	754	255	446	452	053	723	431
122	225	261	732	454	266	731	155
125	365	263	205	455	332	732	261
131	364	265	156	462	252	734	371
132	546	266	454	464	026	743	654
134	223	271	065	465	331	754	116
143	412	274	145	466	662		
145	274	306	071	503	162		
152	115	311	664	506	073		
032	051	315	423				

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Network Access Codes (NAC)

NAC – NETWORK ACCESS CODES	
$$293	Default NAC
$$F7E	Receiver will unsquelch with any incoming NAC
$F7F	a repeater with this NAC will allow incoming signals to be repeated with the NAC intact
TGID – TALKGROUP ID	
$0001	Default
$0000	No one, talkgroup with no users - used for individual call
$FFFF	Talkgroup which includes everyone
UNIT ID	
$000000	No one – never associated with a radio unit
$000001-$98767F	For general use
$989680-$FFFFFE	For talkgroup use or other special purposes
$FFFFFF	Designates everyone – used when implementing a group call with a TGID3

Appendix N Glossary

Item/Acronym	Definition
ACU-1000	Audio bridge used in fixed and mobile configurations. Requires radio from each connected communications system. Gateway device used to link disparate radio systems.
AM	Administrative Manager
APCO	Association of Public-Safety Communications Officials
Audio Bridge	Connects four-wire audio from disparate radio systems to provide interoperability.
CASM	Communication Assets Survey and Mapping
CAM	Communication Assets Mapping
CAS	Communication Assets Survey
CB	Citizens Band (radio)
CHQ	Central Headquarters
CMS	Illinois Department of Central Management Services
COMC	Communications Coordinator
COML	Communications Unit Leader
COMT	Communications Technician
Console Patching	Ability to connect channels via dispatch consoles
DHS	Department of Homeland Security
EMS	Emergency Medical Services
EOC	Emergency Operations Center
ETA	Estimated Time of Arrival
FEMA	Federal Emergency Management Agency
FCC	Federal Communication Commission
IAG	Illinois Attorney General
IAP	Incident Action Plan
IC	Incident Commander
I-CALL	800 MHz National Interop Calling Channel for I-TAC tactical channels
ICC	Incident Communications Center,
ICCP	Illinois Commerce Commission Police
ICP	Incident Command Post
ICS	Incident Command System
ID	Identification

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Item/Acronym	Definition
IDHS	Illinois Department of Human Services
IDNR	Illinois Department of Natural Resources
IDOC	Illinois Department of Corrections
IDOR	Illinois Department of Revenue
IDOT	Illinois Department of Transportation
IDPH	Illinois Department of Public Health
IEMA	Illinois Emergency Management Agency
IEMMAS	Illinois Emergency Management Mutual Aid System
IEPA	Illinois Environmental Protection Agency
IFERN	Interagency Fire Emergency Radio Network
IGB	Illinois Gaming Board
ILEAS	Illinois Law Enforcement Alarm System
IMERT	Illinois Medical Emergency Response Team
IMT	Illinois Incident Management Team
INCM	Incident Communications Center Manager
ING	Illinois National Guard
Inter-agency	Located or occurring between two or more agencies
Interop	See Interoperable
Interoperable	Ability of a system to use the parts or equipment of another system
IOEIG	Illinois Office of the Executive Inspector General
IREACH	Illinois Radio Emergency Assistance Channel
ISP	Illinois State Police
ISPERN	Illinois State Police Emergency Radio Network
ISSP	Illinois Secretary of State Police
ISTHA	Illinois State Toll Highway Authority
IT	Information Technology
I-TAC	800 MHz National Interop Tactical Channels (8TAC) – see I-CALL
ITECS	Illinois Transportable Emergency Communications System
ITTF	Illinois Terrorism Task Force
IWIN	Illinois Wireless Information Network
LEADS	Law EnforcementAgencies Data System
MABAS	Mutual Aid Box Alarm System
MCU	Mobile Communication Center

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Item/Acronym	Definition
MCU	Mobile Communications Unit
MERCI	Medical Emergency Response Communications of Illinois
MHz	Abbreviation for megahertz. 5 MHz = 5,000,000 Hz or 5,000 kHz.
MOA	Memorandum of Agreement
MOU	Memorandum of Understanding
Mutual Aid	Personnel, equipment, or services provided to another jurisdiction
NENA	National Emergency Number Association
NGO	Non-Governmental Organizations
NIP	National Interoperabe Pool
NIMS	National Incident Management System
NPSPAC	National Public Safety Planning Advisory Committee
NPSTC	National Public Safety Telecommunications Council
NWS	National Weather Service
OSFM	Illinois Office of the State Fire Marshal
POC	Point of Contact
RADO	Radio Operator
RF	Radio Frequency
SAA	State Administrative Agency
SCIP	Statewide Communications Interoperability Plan
SEOC	State Emergency Operation Center
SIEC	Statewide Interoperability Executive Committee
SOP	Standard Operating Procedure
SOS	Illinois Secretary of State
SOW	Site On Wheels (STARCOM21)
STARCOM21	The STARCOM21 P25 network is a Motorola owned, operated, and maintained 700/800 MHz trunked voice radio platform consisting of over 200 linked sites and provides radio communications, services, and interoperability to federal, state, county, and local public safety entities participating on the system. STARCOM21 provides mobile radio coverage in more than 95 percent of the geographic area of Illinois with a grade-of-service level of five percent or greater
SWIC	Statewide Interoperability Coordinator
Talkgroup	Term ususally used with trunked radio systems. A talkgroup is a predefined list of radios/users assigned a unique ID which allows them to communicate with each other over the trunked radio system.
THSP	Technical Specialist

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Item/Acronym	Definition
TICP	Tactical Interoperable Communications Plan
UASI	Urban Area Security Initiative
UAC	Unified Area Command vehicle (semi-tractor and trailer)
UCP	Unified Command Post (vehicle)
UHF	Ultra High Frequency – Range of 300 to 3,000 MHz. For public safety LMR, usually refers to two bands. 380 to 460 MHz (low) and 460 to 512 MHz (high).
VHF	Very High Frequency – For public safety LMR, usually refers to VHF High Band with a range of 136 to 164 MHz. VHF - Low Band has a frequency range below 100 MHz.

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