



**Executive Board Meeting Minutes – Thursday, November 18th, 2021
Via Zoom**

OFFICERS PRESENT:

Attending	Not Attending
President / Exec Council Rep Brent Reynolds	Frequency Advisor South Chris Kindelspire
1st Vice Ralph Caldwell	Frequency Advisor North Bill Carter
2 nd Vice President Tammy Peterson	
Secretary Ed Milam	
Director Bryan Whitaker	
Director Martin Doyle	
Director Steve Rauter	
Director Bud Hicks	
Past President Jeanine Krull	
Pat Hughes, Commercial Advisory	
Amy Marion, Alternate Commercial Advisory	

President Brent Reynolds opened the meeting at 1105 hours.

Review and approval of minutes 9/16/21

Meeting minutes from the September 16th, 2021, Executive Board Meeting were presented.

Motion by Bud Hicks to approve, 2nd by Pat Hughes. Motion passed by voice vote.

President Comments – John Mostaccio resigned from the Executive Board on 10/29/2021. We are in the process of transitioning the books and property.

1st Vice President Ralph Caldwell – SAB meeting on 11/15 administrative rules 1324 / 1327 were discussed, we will have a month to review and submit comments. The next SAB meeting is December 6th where administrative rules 1325 / 1329 will be presented. Glenna Johnson will be assisting in drafting comments. There is no specific deadline now but we do need to make sure we thoroughly review and provide comments as warranted.

Jeanine Krull asked about the TC Certification. Martin Doyle / John Ferraro are working with Cindy Barbera-Brelle to finish this portion.

Recently retired David Tuttle advised that he still wants to be involved in the legislative process, he will remain a member of the Peoria County ETSB. Deputy Fire Chief from Urbana is the new Fire Chief's representative on the SAB. Dade Demond

SAB proposed meeting dates for 2022 have been posted.

Finally, at the request of the University of Illinois Police Chief, I attended a zoom call to discuss their co-responder model for mental health calls that they have in place at the University in Champaign County.

The following individuals were on the call:

IL State Representatives: Michael Marron and Kelly Cassidy
U of I: Chief of Police Carey, a Lieutenant, Sergeant, and Social Worker
ILETSB: Jen Wooldridge and John Keigher
Illinois Access: Charlie Petrof
ILAPCO: Ralph Caldwell

We discussed the U of I's mental health response model and discussed the new mental health public act.

The Representatives were pleased with the update and discussion. They will be contacting the Governor's Office to see if they can speed up the appointments to the Department of Human Services Statewide Mental Health Committee and Regional Committees so that a response model can be discussed and finalized.

2nd Vice President Tammy Peterson – Received positive feedback on the IPSTA Conference. Committee members John Mostaccio and Amber Adams are stepping down. Our sponsorship numbers were excellent. Over 400 attendees including 30 people for the Sunday class. Preliminary estimate \$30,000 income for each organization. Brent commended Tammy on all her contributions.

Chapter Handbook/ Policy Manual – We need to continue work and will work on for January meeting.

Executive Council Representative Brent Reynolds: No report currently. Next meeting soon.

Secretary Ed Milam – Upcoming Chapter office elections for Secretary, Treasurer and 2 Director positions. Bud Hicks and Bryan Whitaker were elected by acclamation at the October meeting. With the resignation of John Mostaccio, a notice was posted for nominations for Treasurer. The candidates running for Treasurer are Martin Doyle, Dale Murray, Steve Winnecke and Kevin Diluia. The candidates running for Secretary are Ed Milam and Desiree Wright. The electronic ballot for full members will begin on November 15th and will end on December 8th at 1700 hours. There are currently 576 voting members. The estimated cost is \$ 325.00 for the electronic vote.

Treasurer Report as of November 18th, 2021

ASSETS - Current Assets

Checking/Savings

Chase Checking	2,060.00
Chase Savings	74,076.10
Gregg Riddle Scholarship Fund	4,678.46
Scholarship Fund	8,818.35

Total Checking/Savings	89,632.91
Total Current Assets	89,632.91
TOTAL ASSETS	89,632.91
LIABILITIES & EQUITY	0.00

**Motion by Ralph Caldwell to approve the Treasurers Report, 2nd by Steve Rauter.
Motion passed by voice vote.**

Director Steve Rauter – Steve Rauter provided and update and detailed information on the implementation of the Statewide Interoperability Template (SWIT). Information on this implementation and plan details are attached to these minutes.

Director Bud Hicks – The 2022 Spring Leadership Symposium is planned for March 2nd – 4th, 2022 in Plainfield and May 3rd – 4th for Effingham.

Director Martin Doyle – National Committees have begun their work and it is nice to see Illinois members involved. Also, OEMC has implemented a pilot program regarding mental health incidents called “Chicago Care”. It has started in the last month.

Director Whitaker – No report

Past President Jeanine Krull – No report

North Frequency Advisor Bill Carter – No report

South Frequency Advisor Chris Kindelspire – No report

Commercial Advisor Pat Hughes – IPSTA vendors were happy to have the in-person Conference. Attendance in the exhibit hall was Sunday good, Monday lighter, very light on Tuesday. Future discussion suggested on the exhibit hall times was mentioned.

Emerging Technology Committee meeting – Amy Marion reported that the ETC held a kickoff meeting the IPSTA Conference. We have about 14 -15 people. We have several more people interested. Discussion about the Co-Chairs. Amy will reach out to the persons interested in Co-chairs. Amy reminded that Pat and herself are serving as liaisons for the Committee.

DASH – Brent provided positive comments about the initial DASH event recently held on Sunday night at the IPTA Conference. Board members generally provided positive comments

Dates / 2022 Executive Board Meeting Times – Discussion about moving the Thursday meetings to 1300 hours. Discussion about having the January 6th meeting at 1500 hours, followed by dinner.

December meeting information – Ed Milam provided details on the move to Plainfield Fire District for our December meeting. The event will be catered, and the costs will be greatly reduced compared to those available currently at banquet facilities.

Motion by Bud Hicks to adjourn, 2nd by Martin Doyle. Motion carried by voice vote.

Meeting adjourned at 1350 hours.

Respectfully submitted:

Ed Milam

Ed Milam
Chapter Secretary

Statewide Interoperability Template (SWIT) Roadmap for Implementation

Draft V2: Steve Rauter, SIEC Tech Sub-Committee 10/27/2021

1. Develop and Refine General Parameters of the SWIT

The goal was to refine and update the legacy ITTF Template to include new and legacy SC21 TGs, update conventional channels, and include all available Interop Channels in High-Band VHF (National and Federal), UHF (National and Federal), 700MHz, and 800MHz bands.

2. Governance, Control, Practical Use of the SWIT

The goal is to have a joint meeting (or series of meetings) with the SIEC Technology Subcommittee and the SIEC Governance Subcommittee. Tasks include: identify public safety discipline access and needs for interoperability, determine licensing and contractual agreements that are required to properly utilize elements of the SWIT, be able to describe how each element of the SWIT may be used by public safety/public service entities for interoperability, to describe how the SEOC, COMU, COMLs and others how to properly select and use the SWIT.

3. Training, Outreach, Orientation for the Public Safety Community

It has been agreed that the presentation, explanation, outreach, training, and orientation within all disciplines will 'make or break' the success of the SWIT roll-out. This section will have many moving parts, many organizations involved, and buy-in for the SWIT itself.

4. Implementation, Roll-Out, Usage

The goal is to coordinate and manage the technical, governance, training, and practical use of the SWIT in a logical and organized plan.

5. Evaluation, Feedback, Tweaking, Stability

The ongoing goal is to evaluate the SWIT itself, have open and honest dialog with all sectors of the public safety disciplines (in an organized way through various associations), make necessary changes through a change-order method, and strive for stability, acceptance, and openness for improvements.

Statewide Interoperability Template (SWIT) Roadmap for Implementation

Today: 10/27/2021

General Milestones Incremental Steps Current Status Tasks Assigned	KEY	Dates, timeline, status				
		Initial Date	Assigned to:	Next Date	Days	Completed
1. Develop and Refine General Parameters of the SWIT						
The goal was to refine and update the legacy ITTF Template to include new and legacy SC21 TGs, update conventional channels, and include all available Interop Channels in High-Band VHF (National and Federal), UHF (National and Federal), 700MHz, and 800MHz bands.						
1-1. SWIT and General Needs Addressed, the term "SWIT" declared by consensus		6/30/2021	Tech Comm	N/A	-119	YES
1-1a. SWIT rough draft socialized, edited, proofed, modified		7/28/2021	Tech Comm	N/A	-91	YES
1-1b. SWIT cover letter and layout presented to SIEC and SWIC		8/20/2021	Tech Comm	N/A	-68	YES
1-2. SIEC Approved basic design of the SWIT		9/16/2021	SIEC	N/A	-41	9/16/2021
1-2a. Need identified to involve Governance Subcommittee to determine who, how, when a given TG or channel is to be used, pre-approval, no approval needed, explanation for the COM-U and COML on appropriate uses of the elements of the SWIT.		9/16/2021	SIEC	10/20/2021	-7	YES
1-2b. Need identified for backward compatibility for the legacy ITTF Template BA-BZ, consideration recognized for cost and impact of change for doing it or not doing it.		6/30/2021	Tech Comm	N/A	-119	YES
1-2c. Need identified for a training plan for COMU, COML, Radio Technicians, end users, SC21 applicants as part of the AdSub. General orientation, outreach, training, and practice identified.		10/20/2021	Tech & Gov Committees	N/A	-7	YES
1-3. Governance Committee, Joint Meeting with Tech		10/20/2021			-7	10/20/2021
1-3.a. Minor correction to VLAW32 - freq corrected		10/20/2021			-7	10/21/2021
OTHER TASKS TO BE ADDED						

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Today: 10/27/2021

General Milestones Incremental Steps Current Status Tasks Assigned	KEY	Dates, timeline, status				
		Initial Date	Assigned to:	Next Date	Days	Completed
2. Governance, Control, Practical Use of the SWIT						
The goal is to have a joint meeting (or series of meetings) with the SIEC Technology Subcommittee and the SIEC Governance Subcommittee. Tasks include: identify public safety discipline access and needs for interoperability, determine licensing and contractual agreements that are required to properly utilize elements of the SWIT, be able to describe how each element of the SWIT may be used by public safety/public service entities for interoperability, to describe how the SEOC, COMU, COMLs and others how to properly select and use the SWIT.						
2-1. General format, nomenclature, conventions agreed by consensus		10/20/2021	Joint Comm	TBD	-7	In Progress
2-1.b. Governance format socialized, edited, proofed		10/20/2021	Joint Comm	TBD	-7	In Progress
2-1.c. Governance for each element of the SWIT finalized, approved by SIEC		10/20/2021	Joint Comm	TBD	-7	In Progress
2.2. Assignment given to set up a joint meeting between Tech and Governance		10/20/2021		10/20/2021	-7	10/20/2021
2.2a. Committee Chairs working on meeting plans			Chairs			In Progress
2-3 Assignments divided up across both committees			Chairs			In Progress
2-3.a FCC Licensure for Statewide Interop frequencies and Federal interops not covered by a blanket FCC authorization.		10/20/2021	ISP?	Needs follow-up		TBD
2-3.b. Update SWIT document notes for any updates that were included in the most recent NIFOG.		10/20/2021	Maplethorpe	Needs follow-up		Open
2-3.b. Identify specific fixed installations for interoperability frequencies identified in SWIT.		10/20/2021	?	Needs follow-up		Open
OTHER TASKS TO BE ADDED						

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Today: 10/27/2021

General Milestones Incremental Steps Current Status Tasks Assigned	KEY	Dates, timeline, status				
		Initial Date	Assigned to:	Next Date	Days	Completed
3. Training, Outreach, Orientation for the Public Safety Community						
It has been agreed that the presentation, explanation, outreach, training, and orientation within all disciplines will 'make or break' the success of the SWIT roll-out. This section will have many moving parts, many organizations involved, and buy-in for the SWIT itself.						
3-1. A general training framework needs to be created.				Needs follow-up		Open
3-2. The presentation of a general programmatic timeline (here) was requested and formatted.				Needs follow-up		Open
3-3.a. This chart is central to the plan and subject to comment and editing				Needs follow-up		Open
3-3.b. Apply to CISA for training development TA (Matt Miller)	10/27/2021	M. Miller		Needs follow-up		Open
3-3.c. Require Interoperability Training at USER level as IEMA grant deliverable				Needs follow-up		Open
3-3.d. Require County CASM update as IEMA grant deliverable		IEMA		Needs follow-up		Open
3-3.e. Provide CISA CASM training for County level management		SWIC?		Needs follow-up		Open
3-3.f. Discuss training engagement of MOTO with Steve Pyle (Steve Rauter)	6/20/2021	Rauter		Needs follow-up		Open
3-3.g. Prepare and distribute "Visor Card" for intended channel use		TBD		Needs follow-up		Open
3-3.h. It has been agreed that the presentation, explanation, outreach, training, and orientation within all disciplines will 'make or break' the success of the SWIT roll-out. This section will have many moving parts, many organizations involved, and buy-in for the SWIT itself.	10/27/2021	ALL		Needs follow-up		Open
3-3.i. Intended Audiences: COM-L, state organizations, SC21 User agencies		FYI		Needs follow-up		Open
OTHER TASKS TO BE ADDED						

Statewide Interoperability Template (SWIT) Roadmap for Implementation

Today: 10/27/2021

General Milestones Incremental Steps Current Status Tasks Assigned	<h1>KEY</h1>	Dates, timeline, status			
		Initial Date	Assigned to:	Next Date	Days

4. Implementation, Roll-Out, Usage

The goal is to coordinate and manage the technical, governance, training, and practical use of the SWIT in a logical and organized plan.

		Initial Date	Assigned to:	Next Date	Days	Completed
4-1. Develop a step-wise roll-out plan with measurable objectives			All/future			Open
4-1a. Identify audiences, identify each audience's needs			All/future			Open
4-2b. For each audience, develop an agenda and teaching aids			All/future			Open
4-3. Steps 1-3 need to be completed to get to this stage			All/future			Open
4-4. No tasks created or assigned yet			All/future			Open
OTHER TASKS TO BE ADDED			All/future			

Statewide Interoperability Template (SWIT) Roadmap for Implementation

Today: 10/27/2021

General Milestones Incremental Steps Current Status Tasks Assigned	<h1>KEY</h1>	Dates, timeline, status				
		Initial Date	Assigned to:	Next Date	Days	Completed

5. Evaluation, Feedback, Tweaking, Stability

The ongoing goal is to evaluate the SWIT itself, have open and honest dialog with all sectors of the public safety disciplines (in an organized way through various associations), make necessary changes through a change-order method, and strive for stability, acceptance, and openness for improvements.

5-1. Establish a feedback process (forms and submittals) to receive and process changes and improvements from technology, vendors, the SWIC, the SIEC, and public safety disciplines.

5-1a. Once Steps 1-4 are near completion, features of a feedback loop should be developed.

5-3. Steps 1-4 need to be completed to get to this stage

5-4. No tasks created or assigned yet

OTHER TASKS TO BE ADDED

	All/future			Open
	All/future			Open
	All/future			Open
	All/future			Open
	All/future			Open

IL STATEWIDE INTEROPERABILITY TEMPLATE (SWIT) VHF/UHF/700/800/STARCOM21 PROGRAMMING GUIDE DRAFT

26-Aug-2021

The Illinois Statewide Interoperability Template (SWIT) has been created and is maintained by the Technology Sub-Committee under the authority of, and approved by, the Illinois Statewide Interoperability Executive Committee (ILSIEC).

Questions concerning the SWIT can be forwarded to the Illinois Statewide Interoperability Coordinator (SWIC) by calling the IEMA Operations Center at 217-782-7860 or emailing ema.swic@illinois.gov.

General Notes:

1. Appropriate state and national interoperable channels should be programmed into all public safety portable and mobile radios. Recommended zones shown in this document are intended for 16 channel per zone portable radios. Departments with higher capacity mobile radios may desire to program all appropriate VHF and/or UHF interoperability channels in a single I/O (Interoperability) zone. 700/800 MHz interoperability zones should follow the SWIT-BC through SWIT-BY template as published within this document.
2. Not all radios in use today will be capable of using the P25 digital or secure (encrypted) channels listed in this document. Agencies should ensure that all appropriate channels for use by their discipline, that the radio is capable of, are programmed.
3. Per FCC rule, if a radio is programmed with any of the 700 MHz interoperability channels, the radio must be programmed to operate on all of the nationwide narrowband interoperability channels. (47 CFR 90.547)
4. All 700/800 MHz mobile and portable radios should be programmed with the 700/800 MHz interoperability channels contained herein, regardless if they are using STARCOM21 or other primary radio system.
5. Tone (CTCSS) frequencies listed in the table are in Hertz (Hz). A "D" followed by a three digit number represents a Digital Coded Squelch (DCS) code. For example D156 is DCS code 156 (normal). No inverted DCS codes are utilized.
6. All STARCOM21 radios used by field personnel must be programmed with the Calling, Incident A, Incident B and Reserve zones.
7. Encrypted channels listed in this template require P25 digital radios with AES-256 multi-key hardware encryption.
8. All new radios purchased for use on the STARCOM21 system must be equipped with AES-256 multi-key encryption. All AES-256 multi-key equipped field radios must be programmed with the SECURE A and SECURE B and SWIT-BY zones.
9. The following color coding is used in this document to assist COM-L, COM-T and other radio programmers with identification of conventional analog, P25 digital and P25 digital secure (encrypted) channels:

Conventional Analog	Conventional P25 Digital	P25 Secure
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10. P25 NAC codes listed in the following tables are presented in a hexadecimal format. The Talkgroup ID for all P25 channels should be programmed as Hex \$00001.
11. Programming of encryption keys must be in compliance with SIEC policies and procedures. Law enforcement, fire and 9-1-1 keys have special restrictions. SIEC encryption keys must be used; local encryption keys are not allowed on interoperable frequencies.
12. Channel positions labled "RESERVED" should remain unprogrammed in radios. This will permit COM-L and/or COM-T reprogramming in the field to meet the needs of a major incident or event.

IL-SIEC STATEWIDE INTEROPERABILITY TEMPLATE (SWIT)

PROGRAMMING GUIDE

VCALL

Channel Position	Front Display	Top Display	Receive Frequency	Receive Tone/NAC	Transmit Frequency	Transmit Tone/NAC	P25 Digital	Encrypted	SLN/CKR
1	VCALL10	VCALL10	155.7525	CSQ	155.7525	156.7	No	No	N/A
2	VTAC11	VTAC11	151.1375	CSQ	151.1375	156.7	No	No	N/A
3	VTAC12	VTAC12	154.4525	CSQ	154.4525	156.7	No	No	N/A
4	VTAC13	VTAC13	158.7375	CSQ	158.7375	156.7	No	No	N/A
5	VTAC14	VTAC14	159.4725	CSQ	159.4725	156.7	No	No	N/A
6	VTAC33	VTAC33	159.4725	CSQ	151.1375	136.5	No	No	N/A
7	VTAC34	VTAC34	158.7375	CSQ	154.4525	136.5	No	No	N/A
8	VTAC35	VTAC35	159.4725	CSQ	158.7375	136.5	No	No	N/A
9	VTAC36	VTAC36	151.1375	CSQ	159.4725	136.5	No	No	N/A
10	VTAC37	VTAC37	154.4525	CSQ	158.7375	136.5	No	No	N/A
11	VTAC38	VTAC38	158.7375	CSQ	159.4725	136.5	No	No	N/A
12	STL CALL	STL CALL	171.4375	28D	162.8750	28D	Yes	No	N/A
13	STL TAC	STL TAC	171.6875	28D	163.8375	28D	Yes	No	N/A
14	IEMA VHF1	VHF 1	155.9250	CSQ	155.9250	CSQ	No	No	N/A
15	ESMARN	ESMARN	155.0250	123.0	155.0250	123.0	No	No	N/A
16	IREACH	IREACH	155.0550	CSQ	155.0550	D156	No	No	N/A

Notes: ESMARN and IREACH channels require local FCC radio authorizations at this time. IEMA VHF1 authorization is held by the State of STL CALL and STL TAC are part of the Federal 25 Cities interoperability plan for the St. Louis MO metro area as managed by the Federal Bureau of Investigation. These channels are for interdisciplinary coordination between Federal agencies and state and local public safety agencies.

VLAW

Channel Position	Front Display	Top Display	Receive Frequency	Receive Tone/NAC	Transmit Frequency	Transmit Tone/NAC	P25 Digital	Encrypted	SLN/CKR
1	ISPERN	ISPERN	155.4750	CSQ	155.4750	D156	No	No	N/A
2	IREACH	IREACH	155.0550	D156	155.0550	D156	No	No	N/A
3	ISP HF4	ISP HF4	155.4600	CSQ	155.4600	CSQ	No	No	N/A
4	ESMARN	ESMARN	155.0250	123.0	155.0250	123.0	No	No	N/A
5	VLAW31	VLAW31	155.4750	CSQ	155.4750	156.7	No	No	N/A
6	VLAW32	VLAW32	159.4725	CSQ	159.4725	156.7	No	No	N/A
7	RESERVED								
8	RESERVED								
9	RESERVED								
10	RESERVED								
11	RESERVED								
12	RESERVED								
13	RESERVED								
14	RESERVED								
15	RESERVED								
16	RESERVED								

Notes: ISPERN is governed by rules and regulations promulgated by the Illinois State Police and the State Police Radio Act. ISPERN, VLAW31 and VLAW32 are restricted to Law Enforcement use only. ESMARN and IREACH channels require local FCC radio authorizations at this time.

IL-SIEC STATEWIDE INTEROPERABILITY TEMPLATE (SWIT)

PROGRAMMING GUIDE

VFIRE

Channel Position	Front Display	Top Display	Receive Frequency	Receive Tone/NAC	Transmit Frequency	Transmit Tone/NAC	P25 Digital	Encrypted	SLN/CKR
1	IFERN	IFERN	154.2650	210.7	154.2650	210.7	No	No	N/A
2	IFERN2	IFERN2	154.3025	67.0	154.3025	67.0	No	No	N/A
3	VFIRE21	VFIRE21	154.2800	CSQ	154.2800	156.7	No	No	N/A
4	VFIRE22	VFIRE22	154.2650	CSQ	154.2650	156.7	No	No	N/A
5	VFIRE23	VFIRE23	154.2950	CSQ	154.2950	156.7	No	No	N/A
6	VFIRE24	VFIRE24	154.2725	CSQ	154.2725	156.7	No	No	N/A
7	VFIRE25	VFIRE25	154.2875	CSQ	154.2875	156.7	No	No	N/A
8	VFIRE26	VFIRE26	154.3025	CSQ	154.3025	156.7	No	No	N/A
9	IREACH	IREACH	155.0550	D156	155.0550	D156	No	No	N/A
10	ESMARN	ESMARN	155.0250	123.0	155.0250	123.0	No	No	N/A
11	GRAY FG	GRAY FG	154.2875	136.5	154.2875	136.5	No	No	N/A
12	BLACK FG	BLACK FG	154.2725	94.8	154.2725	94.8	No	No	N/A
13	GOLD FG	GOLD FG	153.8375	91.5	153.8375	91.5	No	No	N/A
14	BLUE FG	BLUE FG	154.2950	85.4	154.2950	85.4	No	No	N/A
15	WHITE FG	WHITE FG	154.2800	74.4	154.2800	74.4	No	No	N/A
16	RED FG	RED FG	153.8300	69.3	153.8300	69.3	No	No	N/A

Notes: VFIRE restricted to fire department use only.

IFERN, IFERN2 and FG (fireground) Channels restricted to MABAS member agencies. (MABAS holds FCC authorization for members.)

VMED

Channel Position	Front Display	Top Display	Receive Frequency	Receive Tone/NAC	Transmit Frequency	Transmit Tone/NAC	P25 Digital	Encrypted	SLN/CKR
1	MERCI340	MERCI340	155.3400	CSQ	155.3400	210.7	No	No	N/A
2	MERCI400	MERCI400	155.4000	CSQ	155.4000	210.7	No	No	N/A
3	VMED28	VMED28	155.3400	CSQ	155.3400	156.7	No	No	N/A
4	VMED29	VMED29	155.3475	CSQ	155.3475	156.7	No	No	N/A
5	VSAR16	VSAR16	155.1600	127.3	155.1600	127.3	No	No	N/A
6	RESERVED								
7	RESERVED								
8	RESERVED								
9	RESERVED								
10	RESERVED								
11	RESERVED								
12	RESERVED								
13	RESERVED								
14	RESERVED								
15	RESERVED								
16	RESERVED								

Notes: VMED restricted to licensed emergency medical services providers only.

MERCI340 and MERCI400 channels require local FCC radio authorizations at this time.

IL-SIEC STATEWIDE INTEROPERABILITY TEMPLATE (SWIT)

PROGRAMMING GUIDE

VFED-IR

Channel Position	Front Display	Top Display	Receive Frequency	Receive Tone/NAC	Transmit Frequency	Transmit Tone/NAC	P25 Digital	Encrypted	SLN/CKR
1	NC 1	NC 1	169.5375	CSQ	164.7125	167.9	No	No	N/A
2	IR 1	IR 1	170.0125	CSQ	165.2500	167.9	No	No	N/A
3	IR 2	IR 2	170.4125	CSQ	165.9625	167.9	No	No	N/A
4	IR 3	IR 3	170.6875	CSQ	166.5750	167.9	No	No	N/A
5	IR 4	IR 4	173.0375	CSQ	167.3250	167.9	No	No	N/A
6	IR 5	IR 5	169.5375	CSQ	169.5375	167.9	No	No	N/A
7	IR 6	IR 6	170.0125	CSQ	170.0125	167.9	No	No	N/A
8	IR 7	IR 7	170.4125	CSQ	170.4125	167.9	No	No	N/A
9	IR 8	IR 8	170.6875	CSQ	170.6875	167.9	No	No	N/A
10	IR 9	IR 9	173.0375	CSQ	173.0375	167.9	No	No	N/A
11	CG-COM-N	CGCOM-N	170.8125	28D	163.6500	28D	Yes	Selectable	N/A
12	CG-COM-C	CGCOM-C	171.6875	28D	163.6500	28D	Yes	Selectable	N/A
13	CG-COM-S	CGCOM-S	171.4375	28D	163.6500	28D	Yes	Selectable	N/A
14	CG-TAC-N	CGTAC-N	168.8875	28D	163.7000	28D	Yes	Selectable	N/A
15	CG-TAC-C	CGTAC-C	172.2125	28D	163.7000	28D	Yes	Selectable	N/A
16	CG-TAC-S	CGTAC-S	168.9125	28D	163.7000	28D	Yes	Selectable	N/A

Notes: CG-COM and CG-TAC are part of the Federal 25 Cities interoperability plan for the Chicago metro area as managed by the Federal Bureau of Investigation. CG-COM and CG-TAC are comprised of a three-site multicast voted system. These channels are for interdisciplinary coordination between Federal agencies and state and local public safety agencies. Federal agencies occasionally utilize encryption on 25 cities.

VFED-LE

Channel Position	Front Display	Top Display	Receive Frequency	Receive Tone/NAC	Transmit Frequency	Transmit Tone/NAC	P25 Digital	Encrypted	SLN/CKR
1	LE A	LE A	167.0875	CSQ	167.0875	167.9	No	No	N/A
2	LE 1	LE 1	167.0875	CSQ	162.0875	167.9	No	No	N/A
3	LE 2	LE 2	167.2500	68F	162.2625	68F	Yes	Selectable	3
4	LE 3	LE 3	167.7500	68F	162.8375	68F	Yes	Selectable	3
5	LE 4	LE 4	168.1125	68F	163.2875	68F	Yes	Selectable	3
6	LE 5	LE 5	168.4625	68F	163.4250	68F	Yes	Selectable	3
7	LE 6	LE 6	167.2500	68F	167.2500	68F	Yes	Selectable	3
8	LE 7	LE 7	167.7500	68F	167.7500	68F	Yes	Selectable	3
9	LE 8	LE 8	168.1125	68F	168.1125	68F	Yes	Selectable	3
10	LE 9	LE 9	168.4625	68F	168.4625	68F	Yes	Selectable	3
11	CG-COM-N	CGCOM-N	170.8125	28D	163.6500	28D	Yes	Selectable	N/A
12	CG-COM-C	CGCOM-C	171.6875	28D	163.6500	28D	Yes	Selectable	N/A
13	CG-COM-S	CGCOM-S	171.4375	28D	163.6500	28D	Yes	Selectable	N/A
14	CG-TAC-N	CGTAC-N	168.8875	28D	163.7000	28D	Yes	Selectable	N/A
15	CG-TAC-C	CGTAC-C	172.2125	28D	163.7000	28D	Yes	Selectable	N/A
16	CG-TAC-S	CGTAC-S	168.9125	28D	163.7000	28D	Yes	Selectable	N/A

Notes: Federal LE channels restricted to Law Enforcement use only.
LE2 through LE9 and 25 Cities are P25 digital

CG-COM and CG-TAC are part of the Federal 25 Cities interoperability plan for the Chicago metro area as managed by the Federal Bureau of Investigation. CG-COM and CG-TAC are comprised of a three-site multicast voted system. These channels are for interdisciplinary coordination between Federal agencies and state and local public safety agencies.

Federal agencies occasionally utilize encryption on 25 cities.

Some Federal LE channels may utilize AES256 encryption using CKR 3.

IL-SIEC STATEWIDE INTEROPERABILITY TEMPLATE (SWIT)

PROGRAMMING GUIDE

UFED-LE

Channel Position	Front Display	Top Display	Receive Frequency	Receive Tone/NAC	Transmit Frequency	Transmit Tone/NAC	P25 Digital	Encrypted	SLN/CKR
1	LE B	LE B	414.0375	CSQ	414.0375	167.9	No	No	N/A
2	LE 10	LE 10	409.9875	CSQ	418.9875	167.9	No	No	N/A
3	LE 11	LE 11	410.1875	68F	419.1875	68F	Yes	Selectable	3
4	LE 12	LE 12	410.6125	68F	419.6125	68F	Yes	Selectable	3
5	LE 13	LE 13	414.0625	68F	414.0625	68F	Yes	Selectable	3
6	LE 14	LE 14	414.3125	68F	414.3125	68F	Yes	Selectable	3
7	LE 15	LE 15	414.3375	68F	414.3375	68F	Yes	Selectable	3
8	LE 16	LE 16	409.9875	68F	409.9875	68F	Yes	Selectable	3
9	LE 17	LE 17	410.1875	68F	410.1875	68F	Yes	Selectable	3
10	LE 18	LE 18	410.6125	68F	410.6125	68F	Yes	Selectable	3
11	RESERVED								
12	RESERVED								
13	RESERVED								
14	RESERVED								
15	RESERVED								
16	RESERVED								

Notes: Federal LE channels restricted to Law Enforcement use only.
 LE11 through LE18 are P25 digital.
 Some Federal LE channels may utilize AES256 encryption using CKR 3.

IL-SIEC STATEWIDE INTEROPERABILITY TEMPLATE (SWIT) PROGRAMMING GUIDE

700/800 MHz INTEROPERABILITY SPECIAL INFORMATION

Note: The following information details the Primary Use for the 700/800 channels based on the embedded code within the channel name. For example: 8**CALL**90 is a "Calling Channel".

CALL	Calling Channel
TAC	General Public Safety - Tactical/Coordination
LAW	Law Enforcement
FIRE	Fire Department
EMS	Emergency Medical Services
GTAC	Other Public Service
MOB	Mobile Repeater
DATA	Mobile Data
AG	Air-Ground
FTAC	Fire Tactical (analog)
LTAC	Law Tactical (analog)
MTAC	EMS/Medical Tactical (analog)
US	National Itinerant - Convoy Operations (analog or digital)

SWIT-BC

Channel Position	Front Display	Top Display	Receive Frequency	Receive Tone/NAC	Transmit Frequency	Transmit Tone/NAC	P25 Digital	Encrypted	SLN/CKR
1	8CALL90D	8CAL90D	851.0125	156.7	851.0125	156.7	No	No	N/A
2	8TAC91D	8TAC91D	851.5125	156.7	851.5125	156.7	No	No	N/A
3	8TAC92D	8TAC92D	852.0125	156.7	852.0125	156.7	No	No	N/A
4	8TAC93D	8TAC93D	852.5125	156.7	852.5125	156.7	No	No	N/A
5	8TAC94D	8TAC94D	853.0125	156.7	853.0125	156.7	No	No	N/A
6	8CALL90	8CALL90	851.0125	156.7	806.0125	156.7	No	No	N/A
7	8TAC91	8TAC91	851.5125	156.7	806.5125	156.7	No	No	N/A
8	8TAC92	8TAC92	852.0125	156.7	807.0125	156.7	No	No	N/A
9	8TAC93	8TAC93	852.5125	156.7	807.5125	156.7	No	No	N/A
10	8TAC94	8TAC94	853.0125	156.7	808.0125	156.7	No	No	N/A
11	RESERVED								
12	RESERVED								
13	RESERVED								
14	RESERVED								
15	RESERVED								
16	RESERVED								

Note: Zone SWIT-BC is equivalent to ITTF-BC.

IL-SIEC STATEWIDE INTEROPERABILITY TEMPLATE (SWIT)

PROGRAMMING GUIDE

SWIT-BD

Channel Position	Front Display	Top Display	Receive Frequency	Receive Tone/NAC	Transmit Frequency	Transmit Tone/NAC	P25 Digital	Encrypted	SLN/CKR
1	7CALL50D	7CAL50D	769.24375	F7E	769.24375	293	Yes	No	N/A
2	7TAC51D	7TAC51D	769.14375	F7E	769.14375	293	Yes	Selectable	12
3	7TAC52D	7TAC52D	769.64375	F7E	769.64375	293	Yes	Selectable	12
4	7TAC53D	7TAC53D	770.14375	F7E	770.14375	293	Yes	Selectable	12
5	7TAC54D	7TAC54D	770.64375	F7E	770.64375	293	Yes	Selectable	12
6	7TAC55D	7TAC55D	769.74375	F7E	769.74375	293	Yes	Selectable	12
7	7TAC56D	7TAC56D	770.24375	F7E	770.24375	293	Yes	Selectable	12
8	7TAC57D	7TAC57D	770.99375	F7E	770.99375	293	Yes	Selectable	12
9	7CALL50	7CALL50	769.24375	F7E	799.24375	293	Yes	No	N/A
10	7TAC51	7TAC51	769.14375	F7E	799.14375	293	Yes	Selectable	12
11	7TAC52	7TAC52	769.64375	F7E	799.64375	293	Yes	Selectable	12
12	7TAC53	7TAC53	770.14375	F7E	800.14375	293	Yes	Selectable	12
13	7TAC54	7TAC54	770.64375	F7E	800.64375	293	Yes	Selectable	12
14	7TAC55	7TAC55	769.74375	F7E	799.74375	293	Yes	Selectable	12
15	7TAC56	7TAC56	770.24375	F7E	800.24375	293	Yes	Selectable	12
16	7TAC57	7TAC57	770.99375	F7E	800.99375	293	Yes	Selectable	12

Notes: 7CALL50 and 7CALL50D is the recommended PRIMARY calling channel for the 700 MHz band.
Zone SWIT-BD is equivalent to ITTF-BD.

SWIT-BE

Channel Position	Front Display	Top Display	Receive Frequency	Receive Tone/NAC	Transmit Frequency	Transmit Tone/NAC	P25 Digital	Encrypted	SLN/CKR
1	7MOB59D	7MOB59D	770.89375	F7E	770.89375	293	Yes	Selectable	12
2	7DATA69D	7DATA69D	770.74375	F7E	770.74375	293	Yes	Selectable	12
3	7LAW61D	7LAW61D	770.39375	F7E	770.39375	293	Yes	Selectable	12
4	7LAW62D	7LAW62D	770.49375	F7E	770.49375	293	Yes	Selectable	12
5	7FIRE63D	7FIRE63D	769.89375	F7E	769.89375	293	Yes	Selectable	12
6	7FIRE64D	7FIRE64D	769.99375	F7E	769.99375	293	Yes	Selectable	12
7	7MED65D	7MED65D	769.39750	F7E	769.39750	293	Yes	Selectable	12
8	7MED66D	7MED66D	769.49375	F7E	769.49375	293	Yes	Selectable	12
9	7MOB59	7MOB59	770.89375	F7E	800.89375	293	Yes	Selectable	12
10	7DATA69	7DATA69	770.74375	F7E	800.74375	293	Yes	Selectable	12
11	7LAW61	7LAW61	770.39375	F7E	800.39375	293	Yes	Selectable	12
12	7LAW62	7LAW62	770.49375	F7E	800.49375	293	Yes	Selectable	12
13	7FIRE63	7FIRE63	769.89375	F7E	799.89375	293	Yes	Selectable	12
14	7FIRE64	7FIRE64	769.99375	F7E	799.99375	293	Yes	Selectable	12
15	7MED65	7MED65	769.39750	F7E	799.39750	293	Yes	Selectable	12
16	7MED66	7MED66	769.49375	F7E	799.49375	293	Yes	Selectable	12

Note: Voice communications are permitted on 7DATA69 and 70DATA69D on a secondary basis. (FCC Rule 90.531(b)(1)(i))
Zone SWIT-BE is equivalent to ITTF-BE except for 7DATA69D & 7DATA69 that have been added in Channels 2 & 10 respectively.

IL-SIEC STATEWIDE INTEROPERABILITY TEMPLATE (SWIT)

PROGRAMMING GUIDE

SWIT-BF

Channel Position	Front Display	Top Display	Receive Frequency	Receive Tone/NAC	Transmit Frequency	Transmit Tone/NAC	P25 Digital	Encrypted	SLN/CKR
1	7CALL70D	7CALL70D	773.25625	F7E	773.25625	293	Yes	No	N/A
2	7TAC71D	7TAC71D	773.10625	F7E	773.10625	293	Yes	Selectable	12
3	7TAC72D	7TAC72D	773.60625	F7E	773.60625	293	Yes	Selectable	12
4	7TAC73D	7TAC73D	774.10625	F7E	774.10625	293	Yes	Selectable	12
5	7TAC74D	7TAC74D	774.60625	F7E	774.60625	293	Yes	Selectable	12
6	7TAC75D	7TAC75D	773.75625	F7E	773.75625	293	Yes	Selectable	12
7	7TAC76D	7TAC76D	774.25625	F7E	774.25625	293	Yes	Selectable	12
8	7GTAC77D	7GTAC77D	774.85625	F7E	774.85625	293	Yes	Selectable	12
9	7CALL70	7CALL70	773.25625	F7E	803.25625	293	Yes	No	N/A
10	7TAC71	7TAC71	773.10625	F7E	803.10625	293	Yes	Selectable	12
11	7TAC72	7TAC72	773.60625	F7E	803.60625	293	Yes	Selectable	12
12	7TAC73	7TAC73	774.10625	F7E	804.10625	293	Yes	Selectable	12
13	7TAC74	7TAC74	774.60625	F7E	804.60625	293	Yes	Selectable	12
14	7TAC75	7TAC75	773.75625	F7E	803.75625	293	Yes	Selectable	12
15	7TAC76	7TAC76	774.25625	F7E	804.25625	293	Yes	Selectable	12
16	7GTAC77	7GTAC77	774.85625	F7E	804.85625	293	Yes	Selectable	12

Notes: 7CALL70 and 7CALL70D are the recommended SECONDARY calling channels for the 700 MHz band.
Zone SWIT-BF is equivalent to ITTF-BF.

SWIT-BG

Channel Position	Front Display	Top Display	Receive Frequency	Receive Tone/NAC	Transmit Frequency	Transmit Tone/NAC	P25 Digital	Encrypted	SLN/CKR
1	7MOB79D	7MOB79D	774.50625	F7E	774.50625	293	Yes	Selectable	12
2	7DATA89D	7DATA89D	774.75625	F7E	774.75625	293	Yes	Selectable	12
3	7LAW81D	7LAW81D	774.00625	F7E	774.00625	293	Yes	Selectable	12
4	7LAW82D	7LAW82D	774.35625	F7E	774.35625	293	Yes	Selectable	12
5	7FIRE83D	7FIRE83D	773.50625	F7E	773.50625	293	Yes	Selectable	12
6	7FIRE84D	7FIRE84D	773.85625	F7E	773.85625	293	Yes	Selectable	12
7	7MED85D	7MED85D	773.00625	F7E	773.00625	293	Yes	Selectable	12
8	7MED86D	7MED86D	773.35625	F7E	773.35625	293	Yes	Selectable	12
9	7MOB79	7MOB79	770.89375	F7E	800.89375	293	Yes	Selectable	12
10	7DATA89	7DATA89	774.75625	F7E	804.75625	293	Yes	Selectable	12
11	7LAW81	7LAW81	770.39375	F7E	800.39375	293	Yes	Selectable	12
12	7LAW82	7LAW82	770.49375	F7E	800.49375	293	Yes	Selectable	12
13	7FIRE83	7FIRE83	769.89375	F7E	799.89375	293	Yes	Selectable	12
14	7FIRE84	7FIRE84	769.99375	F7E	799.99375	293	Yes	Selectable	12
15	7MED86	7MED86	769.39750	F7E	799.39750	293	Yes	Selectable	12
16	7MED87	7MED87	769.49375	F7E	799.49375	293	Yes	Selectable	12

Note: Voice communications are permitted on 7DATA89 and 70DATA89D on a secondary basis. (FCC Rule 90.531(b)(1)(i))
Zone SWIT-BG is equivalent to ITTF-BG except for 7DATA89D & 7DATA89 that have been added in Channels 2 & 10 respectively.

IL-SIEC STATEWIDE INTEROPERABILITY TEMPLATE (SWIT)

PROGRAMMING GUIDE

SWIT-BH

Channel Position	Front Display	Top Display	Receive Frequency	Receive Tone/NAC	Transmit Frequency	Transmit Tone/NAC	P25 Digital	Encrypted	SLN/CKR
1	7FTAC1D	7FTAC1D	769.00625	156.7	769.00625	156.7	No	No	N/A
2	7FTAC2D	7FTAC2D	774.93125	156.7	774.93125	156.7	No	No	N/A
3	7FTAC3D	7FTAC3D	769.04375	156.7	769.04375	156.7	No	No	N/A
4	7GTAC4D	7GTAC4D	769.03125	156.7	769.03125	156.7	No	No	N/A
5	7GTAC5D	7GTAC5D	774.95625	156.7	774.95625	156.7	No	No	N/A
6	7LTAC6D	7LTAC6D	769.01875	156.7	769.01875	156.7	No	No	N/A
7	7LTAC7D	7LTAC7D	774.94375	156.7	774.94375	156.7	No	No	N/A
8	7LTAC8D	7LTAC8D	774.98125	156.7	774.98125	156.7	No	No	N/A
9	7FTAC1	7FTAC1	769.00625	156.7	779.00625	156.7	No	No	N/A
10	7FTAC2	7FTAC2	774.93125	156.7	804.93125	156.7	No	No	N/A
11	7FTAC3	7FTAC3	769.04375	156.7	799.04375	156.7	No	No	N/A
12	7GTAC4	7GTAC4	769.03125	156.7	799.03125	156.7	No	No	N/A
13	7GTAC5	7GTAC5	774.95625	156.7	804.95625	156.7	No	No	N/A
14	7LTAC6	7LTAC6	769.01875	156.7	799.01875	156.7	No	No	N/A
15	7LTAC7	7LTAC7	774.94375	156.7	804.94375	156.7	No	No	N/A
16	7LTAC8	7LTAC8	774.98125	156.7	804.98125	156.7	No	No	N/A

Note: Zone BH channels are conventional analog and limited to two (2) watts ERP.

These channels are not nationwide interoperability channels and require FCC authorization and coordination with Regional Planning Committee Regions 13 & 54.

Zone SWIT-BH is equivalent to ITTF-BH.

SWIT-BI

Channel Position	Front Display	Top Display	Receive Frequency	Receive Tone/NAC	Transmit Frequency	Transmit Tone/NAC	P25 Digital	Encrypted	SLN/CKR
1	7MTAC9D	7MTAC9D	774.96875	156.7	774.96875	156.7	No	No	N/A
2	A7-US-01D	A7-US-01D	769.05625	156.7	769.05625	156.7	No	No	N/A
3	A7-US-02D	A7-US-02D	769.06875	156.7	769.06875	156.7	No	No	N/A
4	A7-US-03D	A7-US-03D	774.99375	156.7	774.99375	156.7	No	No	N/A
5	7MTAC9	7MTAC9	774.96875	156.7	804.96875	156.7	No	No	N/A
6	A7-US-01	A7-US-01	769.05625	156.7	799.05625	156.7	No	No	N/A
7	A7-US-02	A7-US-02	769.06875	156.7	799.06875	156.7	No	No	N/A
8	A7-US-03	A7-US-03	774.99375	156.7	804.99375	156.7	No	No	N/A
9	7-US-01D	7-US-01D	769.05625	F7E	769.05625	293	Yes	No	N/A
10	7-US-02D	7-US-02D	769.06875	F7E	769.06875	293	Yes	No	N/A
11	7-US-03D	7-US-03D	774.99375	F7E	774.99375	293	Yes	No	N/A
12	7-US-01	7-US-01	769.05625	F7E	799.05625	293	Yes	No	N/A
13	7-US-02	7-US-02	769.06875	F7E	799.06875	293	Yes	No	N/A
14	7-US-03	7-US-03	774.99375	F7E	804.99375	293	Yes	No	N/A
15	RESERVED								
16	RESERVED								

Note: The 7-US- frequencies are 700 MHz Low Power Itinerant Channels licensed for itinerant mobile use (convoy operations).

These channels are not nationwide interoperability channels. The State of Illinois (SIEC) is responsible for the administration of these 7-US- channels transmit power in either analog or digital mode is limited to 2 watts ERP.

It is recommended that radios are programmed for "mixed-mode" (analog & digital) receive for the 7-US- itinerant channels.

Zone SWIT-BH Channels 1-8 are analog and are equivalent to ITTF-BH Channels 1-8.

Zone SWIT-BH Channels 9-14 are digital equivalents to their matching analog Channels.

IL-SIEC STATEWIDE INTEROPERABILITY TEMPLATE (SWIT)

PROGRAMMING GUIDE

SWIT-BJ

Channel Position	Front Display	Top Display	Receive Frequency	Receive Tone/NAC	Transmit Frequency	Transmit Tone/NAC	P25 Digital	Encrypted	SLN/CKR
1	7AG58D	7AG58D	769.13125	F7E	769.13125	293	Yes	Selectable	12
2	7AG60D	7AG60D	769.63125	F7E	769.63125	293	Yes	Selectable	12
3	7AG67D	7AG67D	770.13125	F7E	770.13125	293	Yes	Selectable	12
4	7AG68D	7AG68D	770.63125	F7E	770.63125	293	Yes	Selectable	12
5	7AG78D	7AG78D	773.11875	F7E	773.11875	293	Yes	Selectable	12
6	7AG80D	7AG80D	773.61875	F7E	773.61875	293	Yes	Selectable	12
7	7AG85D	7AG85D	774.11875	F7E	774.11875	293	Yes	Selectable	12
8	7AG88D	7AG88D	774.61875	F7E	774.61875	293	Yes	Selectable	12
9	7AG58	7AG58	769.13125	F7E	799.13125	293	Yes	Selectable	12
10	7AG60	7AG60	769.63125	F7E	799.63125	293	Yes	Selectable	12
11	7AG67	7AG67	770.13125	F7E	800.13125	293	Yes	Selectable	12
12	7AG68	7AG68	770.63125	F7E	800.63125	293	Yes	Selectable	12
13	7AG78	7AG78	773.11875	F7E	803.11875	293	Yes	Selectable	12
14	7AG80	7AG80	773.61875	F7E	803.61875	293	Yes	Selectable	12
15	7AG85	7AG85	774.11875	F7E	804.11875	293	Yes	Selectable	12
16	7AG88	7AG88	774.61875	F7E	804.61875	293	Yes	Selectable	12

Notes: These channels are reserved for air-ground communications to be used by low-altitude aircraft and ground based units. Airborne use of these channels is limited to aircraft flying at or below 1500 feet (457 meters) above ground level. Aircraft are limited to 2 watts effective radiated power on the air-ground channels while airborne. Aircraft may transmit on either the mobile or base transmit side of the channel pair. 7AG88D is recommended for landing zone use. Use of 7AG88 (repeated) is not recommended during landing zone operations. These channels are not nationwide interoperability channels.

SWIT-SECURE-BY

Channel Position	Front Display	Top Display	Receive Frequency	Receive Tone/NAC	Transmit Frequency	Transmit Tone/NAC	P25 Digital	Encrypted	SLN/CKR
1	7MOB59DE	7MOB59DE	770.89375	F7E	770.89375	293	Yes	Yes	1401
2	7MOB79DE	7MOB79DE	774.50625	F7E	774.50625	293	Yes	Yes	1401
3	7LAW81DE	7LAW81DE	774.00625	F7E	774.00625	293	Yes	Yes	1402
4	7LAW82DE	7LAW82DE	774.35625	F7E	774.35625	293	Yes	Yes	1402
5	7FIRE83DE	7FIRE83DE	773.50625	F7E	773.50625	293	Yes	Yes	1403
6	7FIRE84DE	7FIRE84DE	773.85625	F7E	773.85625	293	Yes	Yes	1403
7	7MED86DE	7MED86DE	773.00625	F7E	773.00625	293	Yes	Yes	1403
8	7MED87DE	7MED87DE	773.35625	F7E	773.35625	293	Yes	Yes	1403
9	7MOB59E	7MOB59E	770.89375	F7E	800.89375	293	Yes	Yes	1401
10	7MOB79E	7MOB79E	774.50625	F7E	804.50625	293	Yes	Yes	1401
11	7LAW81E	7LAW81E	774.00625	F7E	804.00625	293	Yes	Yes	1402
12	7LAW82E	7LAW82E	774.35625	F7E	804.35625	293	Yes	Yes	1402
13	7FIRE83E	7FIRE83E	773.50625	F7E	803.50625	293	Yes	Yes	1403
14	7FIRE84E	7FIRE84E	773.85625	F7E	803.85625	293	Yes	Yes	1403
15	7MED86E	7MED86E	773.00625	F7E	803.00625	293	Yes	Yes	1403
16	7MED87E	7MED87E	773.35625	F7E	803.35625	293	Yes	Yes	1403

Note: Use of these SECURE frequencies must be authorized by the SWIC or IEMA Operations Center. (217-782-7860)

IL STATEWIDE INTEROPERABILITY TEMPLATE (SWIT) STARCOM21 TALKGROUPS/CONVERSION TABLE

DRAFT

26-Aug-2021

CALLING

Channel Position	Front Display	Top Display	Legacy Name	Legacy Zone	Talkgroup Hex ID	Talkgroup Dec ID	Talkgroup Statewide	SLN/CKR	TG Set AES Always
1	IL-CALL	CALL	IESMA	BA	7678	30328	Yes	N/A	No
2	ILEAS	ILEAS	ILEAS	BA	7679	30329	Yes	N/A	No
3	MABAS	MABAS	MABAS	BA	767A	30330	Yes	N/A	No
4	IDPH	IDPH	IDPH	BA	767B	30331	Yes	N/A	No
5	IPWMAN	IPWMAN	IPWMAN	BA	7683	30339	Yes	N/A	No
6	EMA	EMA	NORTH A	BA	765C	30300	Yes	N/A	No
7	IL-RGN 2	RGN 2	RGN 2B	BB	7660	30304	Yes	N/A	No
8	IL-RGN 3	RGN 3	RGN 3B	BB	7662	30306	Yes	N/A	No
9	IL-RGN 4	RGN 4	RGN 4B	BB	7670	30320	Yes	N/A	No
10	IL-RGN 6	RGN 6	RGN 6B	BB	7672	30322	Yes	N/A	No
11	IL-RGN 7	RGN 7	RGN 7B	BB	7674	30324	Yes	N/A	No
12	IL-RGN 8	RGN 8	RGN 8B	BB	7676	30326	Yes	N/A	No
13	IL-RGN 9	RGN 9	RGN 9B	BB	7680	30336	Yes	N/A	No
14	IL-RGN11	RGN 11	RGN 11B	BB	7682	30338	Yes	N/A	No
15	IL-102A	102A	SOUTH A	BA	765E	30302	Yes	N/A	No
16	IL-102B	102B	SOUTH B	BA	7688	30344	Yes	N/A	No

Note: All STARCOM21 radios used by field personnel must be programmed with the Calling, Incident A, Incident B and Reserve zones. All new radios purchased must be equipped with AES-256 multi-key encryption. All AES-256 multi-key equipped field radios must be programmed with the SECURE A and SECURE B and SIEC-BY zones.

INCIDENT A

Channel Position	Front Display	Top Display	Legacy Name	Legacy Zone	Talkgroup Hex ID	Talkgroup Dec ID	Talkgroup Statewide	SLN/CKR	TG Set AES Always
1	IL-INC A1	INC A1	INCIDENT1	BA	767C	30332	Yes	N/A	No
2	IL-INC A2	INC A2	INCIDENT2	BA	767D	30333	Yes	N/A	No
3	IL-INC A3	INC A3	INCIDENT3	BA	767E	30334	Yes	N/A	No
4	IL-INC A4	INC A4	INCIDENT4	BA	7684	30340	Yes	N/A	No
5	IL-INC A5	INC A5	INCIDENT5	BA	7685	30341	Yes	N/A	No
6	IL-INC A6	INC A6	RGN 2A	BB	765F	30303	Yes	N/A	No
7	IL-INC A7	INC A7	RGN 3A	BB	7661	30305	Yes	N/A	No
8	IL-INC A8	INC A8	RGN 4A	BB	7663	30307	Yes	N/A	No
9	IL-INC A9	INC A9	RGN 6A	BB	7671	30321	Yes	N/A	No
10	IL-INC A10	INC A10	RGN 7A	BB	7673	30323	Yes	N/A	No
11	IL-INC A11	INC A11	RGN 8A	BB	7675	30325	Yes	N/A	No
12	IL-INC A12	INC A12	RGN 9A	BB	767F	30335	Yes	N/A	No
13	IL-INC A13	INC A13	RGN 11A	BB	7681	30337	Yes	N/A	No
14	IL-INC A14	INC A14	NORTH B	BA	7686	30342	Yes	N/A	No
15	IL-INC A15	INC A15	CENTER A	BA	765D	30301	Yes	N/A	No
16	IL-INC A16	INC A16	CENTER B	BA	7687	30343	Yes	N/A	No

Note: Use of INCIDENT A talkgroups must be approved through the SWIC/IEMA Operations Center. (217-782-7860)

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INCIDENT B

Channel Position	Front Display	Top Display	Legacy Name	Legacy Zone	Talkgroup Hex ID	Talkgroup Dec ID	Talkgroup Statewide	SLN/CKR	TG Set AES Always
1	IL-INC B1	INC B1	(NEW)	N/A	90F4	37108	Yes	N/A	No
2	IL-INC B2	INC B2	(NEW)	N/A	90F5	37109	Yes	N/A	No
3	IL-INC B3	INC B3	(NEW)	N/A	90F6	37110	Yes	N/A	No
4	IL-INC B4	INC B4	(NEW)	N/A	90F7	37111	Yes	N/A	No
5	IL-INC B5	INC B5	(NEW)	N/A	90F8	37112	Yes	N/A	No
6	IL-INC B6	INC B6	(NEW)	N/A	90F9	37113	Yes	N/A	No
7	IL-INC B7	INC B7	(NEW)	N/A	90FA	37114	Yes	N/A	No
8	IL-INC B8	INC B8	(NEW)	N/A	90FB	37115	Yes	N/A	No
9	IL-INC B9	INC B9	(NEW)	N/A	90FC	37116	Yes	N/A	No
10	IL-INC B10	INC B10	(NEW)	N/A	90FD	37117	Yes	N/A	No
11	IL-INC B11	INC B11	(NEW)	N/A	90FE	37118	Yes	N/A	No
12	IL-INC B12	INC B12	(NEW)	N/A	90FF	37119	Yes	N/A	No
13	IL-INC B13	INC B13	(NEW)	N/A	9100	37120	Yes	N/A	No
14	IL-INC B14	INC B14	(NEW)	N/A	9101	37121	Yes	N/A	No
15	IL-INC B15	INC B15	(NEW)	N/A	9102	37122	Yes	N/A	No
16	IL-INC B16	INC B16	(NEW)	N/A	9103	37123	Yes	N/A	No

Note: Use of INCIDENT B talkgroups must be approved through the SWIC/IEMA Operations Center. (217-782-7860)

RESERVE A

Channel Position	Front Display	Top Display	Legacy Name	Legacy Zone	Talkgroup Hex ID	Talkgroup Dec ID	Talkgroup Statewide	SLN/CKR	TG Set AES Always
1	IL-RSV 1	RSV 1	(NEW)	N/A	9104	37124	Yes	N/A	No
2	IL-RSV 2	RSV 2	(NEW)	N/A	9105	37125	Yes	N/A	No
3	IL-RSV 3	RSV 3	(NEW)	N/A	9106	37126	Yes	N/A	No
4	IL-RSV 4	RSV 4	(NEW)	N/A	9107	37127	Yes	N/A	No
5	IL-RSV 5	RSV 5	(NEW)	N/A	9108	37128	Yes	N/A	No
6	IL-RSV 6	RSV 6	(NEW)	N/A	9109	37129	Yes	N/A	No
7	IL-RSV 7	RSV 7	(NEW)	N/A	910A	37130	Yes	N/A	No
8	IL-RSV 8	RSV 8	(NEW)	N/A	910B	37131	Yes	N/A	No
9	IL-RSV 9	RSV 9	(NEW)	N/A	910C	37132	Yes	N/A	No
10	IL-RSV 10	RSV 10	(NEW)	N/A	910D	37133	Yes	N/A	No
11	IL-RSV 11	RSV 11	(NEW)	N/A	910E	37134	Yes	N/A	No
12	IL-RSV 12	RSV 12	(NEW)	N/A	910F	37135	Yes	N/A	No
13	IL-RSV 13	RSV 13	(NEW)	N/A	9110	37136	Yes	N/A	No
14	IL-RSV 14	RSV 14	(NEW)	N/A	9111	37137	Yes	N/A	No
15	IL-RSV 15	RSV 15	(NEW)	N/A	9112	37138	Yes	N/A	No
16	IL-RSV 16	RSV 16	(NEW)	N/A	9113	37139	Yes	N/A	No

Notes: Use of RESERVE A talkgroups must be approved through the SWIC/IEMA Operations Center. (217-782-7860)

RESERVE A talkgroups should be pre-programmed in STARCOM21 capable radios. These talkgroups will not be active unless needed, as determined by the SWIC.

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SECURE A

Channel Position	Front Display	Top Display	Legacy Name	Legacy Zone	Talkgroup Hex ID	Talkgroup Dec ID	Talkgroup Statewide	SLN/CKR	TG Set AES Always
1	IL-SEC A1	SEC A1	SECURE1	BZ	5961	22881	Yes	1401	Yes
2	IL-SEC A2	SEC A2	SECURE2	BZ	5962	22882	Yes	1401	Yes
3	IL-SEC A3	SEC A3	SECURE3	BZ	5963	22883	Yes	1401	Yes
4	IL-SEC A4	SEC A4	SECURE4	BZ	5964	22884	Yes	1401	Yes
5	IL-SEC A5	SEC A5	SECURE5	BZ	5965	22885	Yes	1401	Yes
6	IL-SEC A6	SEC A6	SECURE6	BZ	5966	22886	Yes	1401	Yes
7	IL-SECLAW7	SECLAW7	SECLAW1	BZ	5969	22889	Yes	1402	Yes
8	IL-SECLAW8	SECLAW8	SECLAW2	BZ	5970	22896	Yes	1402	Yes
9	IL-SECLAW9	SECLAW9	SECURE7	BZ	5967	22887	Yes	1402	Yes
10	IL-SECLAW10	SECLAW10	SECURE8	BZ	5968	22888	Yes	1402	Yes
11	IL-SECFIRE11	SECFIR11	SECFIRE1	BZ	5971	22897	Yes	1403	Yes
12	IL-SECFIRE12	SECFIR12	SECFIRE2	BZ	5972	22898	Yes	1403	Yes
13	IL-SECEMA13	SECEMA13	SECEMA1	BZ	5973	22899	Yes	1404	Yes
14	IL-SECEMA14	SECEMA14	SECEMA2	BZ	5974	22900	Yes	1404	Yes
15	IL-SECDOT15	SECDOT15	SECDOT1	BZ	5975	22901	Yes	1405	Yes
16	IL-SECDOT16	SECDOT16	SECDOT2	BZ	5976	22902	Yes	1405	Yes

Notes: Use of SECURE A talkgroups must be approved through the SWIC/IEMA Operations Center. (217-782-7860)

Use of these talkgroups will require radios equipped with AES-256 multi-key hardware encryption.

Programming of encryption keys must be in compliance with SIEC policies and procedures. Law enforcement, fire keys and 9-1-1 keys have special restrictions. Law Talkgroups/Keys are restricted to authorized Law, COM-L and cache radios. Fire Talkgroups/Keys are restricted to authorized Fire, COM-L and cache radios.

IL-SWSEC1 and IL-SWSEC2 may be programed into dispatch consoles. No other SECURE talkgroups may be programmed into dispatch radios or be recorded.

SECURE B

Channel Position	Front Display	Top Display	Legacy Name	Legacy Zone	Talkgroup Hex ID	Talkgroup Dec ID	Talkgroup Statewide	SLN/CKR	TG Set AES Always
1	IL-SEC B1	SEC B1	(NEW)	N/A	9114	37140	Yes	1401	Yes
2	IL-SEC B2	SEC B2	(NEW)	N/A	9115	37141	Yes	1401	Yes
3	IL-SEC B3	SEC B3	(NEW)	N/A	9116	37142	Yes	1401	Yes
4	IL-SEC B4	SEC B4	(NEW)	N/A	9117	37143	Yes	1401	Yes
5	IL-SEC B5	SEC B5	(NEW)	N/A	9118	37144	Yes	1401	Yes
6	IL-SEC B6	SEC B6	(NEW)	N/A	9119	37145	Yes	1401	Yes
7	IL-SEC B7	SEC B7	(NEW)	N/A	911A	37146	Yes	1401	Yes
8	IL-SEC B8	SEC B8	(NEW)	N/A	911B	37147	Yes	1401	Yes
9	IL-SEC B9	SEC B9	(NEW)	N/A	911C	37148	Yes	1401	Yes
10	IL-SEC B10	SEC B10	(NEW)	N/A	911D	37149	Yes	1401	Yes
11	IL-SEC B11	SEC B11	(NEW)	N/A	911E	37150	Yes	1401	Yes
12	IL-SEC B12	SEC B12	(NEW)	N/A	911F	37151	Yes	1401	Yes
13	IL-SEC B13	SEC B13	(NEW)	N/A	9120	37152	Yes	1401	Yes
14	IL-SEC B14	SEC B14	(NEW)	N/A	9121	37153	Yes	1401	Yes
15	IL-SEC B15	SEC B15	(NEW)	N/A	9122	37154	Yes	1401	Yes
16	IL-SEC B16	SEC B16	(NEW)	N/A	9123	37155	Yes	1401	Yes

Notes: All notes for zone SECURE A also apply to zone SECURE B.

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NWS

Channel Position	Front Display	Top Display	Legacy Name	Legacy Zone	Talkgroup Hex ID	Talkgroup Dec ID	Talkgroup Statewide	SLN/CKR	TG Set AES Always
1	NWS-CHI	NWSCHI	(NEW)	N/A	9124	37156	Yes	N/A	No
2	NWS-QUAD	NWSQUAD	(NEW)	N/A	9125	37157	Yes	N/A	No
3	NWS-LINC	NWSLINC	(NEW)	N/A	9126	37158	Yes	N/A	No
4	NWS-STL	NWSSTL	(NEW)	N/A	9127	37159	Yes	N/A	No
5	NWS-PDK	NWSPDK	(NEW)	N/A	9128	37160	Yes	N/A	No
6	NWS-MKE	NWSMKE	(NEW)	N/A	9129	37161	Yes	N/A	No
7	NWS-SW	NWS-SW	(NEW)	N/A	912A	37162	Yes	N/A	No
8	RESERVED								
9	RESERVED								
10	RESERVED								
11	RESERVED								
12	RESERVED								
13	RESERVED								
14	RESERVED								
15	RESERVED								
16	RESERVED								

Note: Governance for National Weather Service talkgroups is pending.
NWS talkgroups may also be programmed into local zones to facilitate ease of operation by the end-user.

MABAS

Channel Position	Front Display	Top Display	Legacy Name	Legacy Zone	Talkgroup Hex ID	Talkgroup Dec ID	Talkgroup Statewide	SLN/CKR	TG Set AES Always
1	MABAS	MABAS	MABAS	BA	767A	30330	Yes		No
2	MABAS SEC	MAB SEC	MABASSEC	MABAS	12DF	4831	Yes	1501	Yes
3	MABAS OPS	OPS	OPS	MABAS	12DE	4830	Yes		No
4	MABAS OPS1	OPS1	OPS SEC	MABAS	12E4	4836	Yes	1501	Yes
5	MABAS OPS2	OPS2	(NEW)	MABAS	12E7	4839	Yes	1501	Yes
6	MABAS OPS3	OPS3	(NEW)	MABAS	12E8	4840	Yes	1501	Yes
7	MABAS OPS4	OPS4	(NEW)	MABAS	12E9	4841	Yes	1501	Yes
8	IL-HZMT	HZMT	HAZMAT	MABAS	12DB	4827	Yes		No
9	IL-HZMT SEC	HZMT SEC	HZMT SEC	MABAS	12E1	4833	Yes	1501	Yes
10	IL-TRT	TRT	TRT	MABAS	12DC	4828	Yes		No
11	IL-TRT SEC	TRT SEC	TRT SEC	MABAS	12E2	4834	Yes	1501	Yes
12	ILTF1	ILTF1	USAR	MABAS	12DD	4829	Yes		No
13	ILTF1 SEC	TF1 SEC	USAR SEC	MABAS	12E3	4835	Yes	1502	Yes
14	ADMIN	ADMIN	ADMIN	MABAS	12DA	4826	Yes		No
15	ADMIN SEC1	AD SEC1	ADMINSEC1	MABAS	12E0	4832	Yes	1503	Yes
16	ADMIN SEC2	AD SEC2	ADMINSEC2	MABAS	12E6	4838	Yes	1504	Yes

Notes: Channels 1 - 11 approved for general programming in all Fire Department, Fire Dispatch, COM-L and authorized cache radios.
Channels 12 through 16 as determined by MABAS only. Not for general programming.
Use of the encrypted talkgroups will require radios equipped with AES-256 multi-key hardware encryption.

IL STATEWIDE INTEROPERABILITY TEMPLATE (SWIT) STARCOM21 TALKGROUPS/CONVERSION TABLE

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ILEAS A

Channel Position	Front Display	Top Display	Legacy Name	Legacy Zone	Talkgroup Hex ID	Talkgroup Dec ID	Talkgroup Statewide	SLN/CKR	TG Set AES Always
1	ILEAS A1	ILEAS A1	(NEW)	N/A	912B	37163	Yes	1521	Yes
2	ILEAS A2	ILEAS A2	(NEW)	N/A	912C	37164	Yes	1521	Yes
3	ILEAS A3	ILEAS A3	(NEW)	N/A	912D	37165	Yes	1521	Yes
4	ILEAS A4	ILEAS A4	(NEW)	N/A	912E	37166	Yes	1521	Yes
5	ILEAS A5	ILEAS A5	(NEW)	N/A	912F	37167	Yes	1521	Yes
6	ILEAS A6	ILEAS A6	(NEW)	N/A	9130	37168	Yes	1521	Yes
7	ILEAS A7	ILEAS A7	(NEW)	N/A	9131	37169	Yes	1521	Yes
8	ILEAS A8	ILEAS A8	(NEW)	N/A	9132	37170	Yes	1521	Yes
9	ILEAS A9	ILEAS A9	(NEW)	N/A	9133	37171	Yes	1521	Yes
10	ILEAS A10	ILEAS A10	(NEW)	N/A	9134	37172	Yes	1521	Yes
11	ILEAS A11	ILEAS A11	(NEW)	N/A	9135	37173	Yes	1521	Yes
12	ILEAS A12	ILEAS A12	(NEW)	N/A	9136	37174	Yes	1521	Yes
13	ILEAS A13	ILEAS A13	(NEW)	N/A	9137	37175	Yes	1521	Yes
14	ILEAS A14	ILEAS A14	(NEW)	N/A	9138	37176	Yes	1521	Yes
15	ILEAS A15	ILEAS A15	(NEW)	N/A	9139	37177	Yes	1521	Yes
16	ILEAS A16	ILEAS A16	(NEW)	N/A	913A	37178	Yes	1521	Yes

Notes: Not for general programming/use.

Programming and use of ILEAS A talkgroups as determined by ILEAS.

Use of the encrypted talkgroups will require radios equipped with AES-256 multi-key hardware encryption.

ILEAS B

Channel Position	Front Display	Top Display	Legacy Name	Legacy Zone	Talkgroup Hex ID	Talkgroup Dec ID	Talkgroup Statewide	SLN/CKR	TG Set AES Always
1	ILEAS B1	ILEAS B1	(NEW)	N/A	913B	37179	Yes	1521	Yes
2	ILEAS B2	ILEAS B2	(NEW)	N/A	913C	37180	Yes	1521	Yes
3	ILEAS B3	ILEAS B3	(NEW)	N/A	913D	37181	Yes	1521	Yes
4	ILEAS B4	ILEAS B4	(NEW)	N/A	913E	37182	Yes	1521	Yes
5	ILEAS B5	ILEAS B5	(NEW)	N/A	913F	37183	Yes	1521	Yes
6	ILEAS B6	ILEAS B6	(NEW)	N/A	9140	37184	Yes	1521	Yes
7	ILEAS B7	ILEAS B7	(NEW)	N/A	9141	37185	Yes	1521	Yes
8	ILEAS B8	ILEAS B8	(NEW)	N/A	9142	37186	Yes	1521	Yes
9	ILEAS B9	ILEAS B9	(NEW)	N/A	9143	37187	Yes	1521	Yes
10	ILEAS B10	ILEAS B10	(NEW)	N/A	9144	37188	Yes	1521	Yes
11	ILEAS B11	ILEAS B11	(NEW)	N/A	9145	37189	Yes	1521	Yes
12	ILEAS B12	ILEAS B12	(NEW)	N/A	9146	37190	Yes	1521	Yes
13	ILEAS B13	ILEAS B13	(NEW)	N/A	9147	37191	Yes	1521	Yes
14	ILEAS B14	ILEAS B14	(NEW)	N/A	9148	37192	Yes	1521	Yes
15	ILEAS B15	ILEAS B15	(NEW)	N/A	9149	37193	Yes	1521	Yes
16	ILEAS B16	ILEAS B16	(NEW)	N/A	914A	37194	Yes	1521	Yes

Notes: Not for general programming/use.

Programming and use of ILEAS B talkgroups as determined by ILEAS.

Use of the encrypted talkgroups will require radios equipped with AES-256 multi-key hardware encryption.

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9-1-1

Channel Position	Front Display	Top Display	Legacy Name	Legacy Zone	Talkgroup Hex ID	Talkgroup Dec ID	Talkgroup Statewide	SLN/CKR	TG Set AES Always
1	IL-TERT N	TERT N	(NEW)	N/A	90F1	37105	Yes	1409	Yes
2	IL-TERT C	TERT C	(NEW)	N/A	90F2	37106	Yes	1409	Yes
3	IL-TERT S	TERT S	(NEW)	N/A	90F3	37107	Yes	1409	Yes
4	911 CAC	911CAC	(NEW)	N/A	90ED	37101	Yes	1407	Yes
5	911 SUP	911SUP	(NEW)	N/A	90EE	37102	Yes	1407	Yes
6	911 TECH	911TECH	(NEW)	N/A	90EF	37103	Yes	1407	Yes
7	R-TECH	RTECH	(NEW)	N/A	90F0	37104	Yes	1408	Yes
8	RESERVED								
9	RESERVED								
10	RESERVED								
11	RESERVED								
12	RESERVED								
13	RESERVED								
14	RESERVED								
15	RESERVED								
16	RESERVED								

Notes: Not for general programming/use.

Zone is restricted to 9-1-1 PSAP personnel and radio technicians as determined by SIEC governance.

9-1-1 talkgroups may also be programmed into local zones to facilitate ease of operation by the end-user.

Use of 9-1-1 talkgroups will require radios equipped with AES-256 multi-key hardware encryption.