



Frozen Prairie 2025

Steve Warner, WA9SWW
Section Emergency Coordinator
Jefferson County, Illinois
February 7-8, 2025

INCIDENT BRIEFING (ICS 201)

1. Incident Name: Frozen Prairie 2025	2. Incident Number: 0225	3. Date/Time Initiated: Date: 2/7-2/8/2025 Time: 09:00 - 12:00
4. Map/Sketch (include sketch, showing the total area of operations, the incident site/area, impacted and threatened areas, overflight results, trajectories, impacted shorelines, or other graphics depicting situational status and resource assignment): Frozen Prairie 2025 ARES/AUXCOMM		
5. Situation Summary and Health and Safety Briefing (for briefings or transfer of command): Recognize potential incident Health and Safety Hazards and develop necessary measures (remove hazard, provide personal protective equipment, warn people of the hazard) to protect responders from those hazards. Wear weather appropriate clothing. Watch for slippery surfaces. Stay hydrated, have adequate food available		
6. Prepared by: Name: <u>Steve Warner</u> Position/Title: <u>ARES SEC</u> Signature: _____		
ICS 201, Page 1	Date/Time: <u>2/8/2025</u>	

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7. Current and Planned Objectives:

The Frozen Prairie Exercise simulates the aftermath of a 7.5 magnitude earthquake on the New Madrid Fault that impacts the state of Illinois. The epicenter is located near the New Madrid Seismic Zone, which affects much of Southern Illinois. This exercise is designed to test the ability of Illinois Amateur Radio Emergency Service (ARES) operators, ARES AUXCOM, the Illinois National Guard, the Illinois Emergency Management Agency (IEMA), and ITEX portable communications units to maintain vital communication links during a major disaster scenario, including civil unrest in urban areas.

The exercise will specifically focus on radio communication between southern Illinois and northern Illinois using CW (Morse Code), SSB (Single Sideband), FT8, and Winlink. Additionally, public civil unrest following the disaster will test the ability of amateur radio operators to manage and relay emergency messages while navigating a high-stress environment.

8. Current and Planned Actions, Strategies, and Tactics:

Time:	Actions:
	SEE ATTACHED SHEETS

6. Prepared by: Name: <u>Steve Warner</u> Position/Title: <u>ARES SEC</u> Signature: _____
ICS 201, Page 2 Date/Time: _____

INCIDENT RADIO COMMUNICATIONS PLAN (ICS 205)

1. Incident Name: Frozen Prairie 2025	2. Date/Time Prepared: Date: 12/1/2025 Time:	3. Operational Period: Date From: 02/7/25 Date To: 2/8/25 Time From: 09:00 Time To: 12:00
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4. Basic Radio Channel Use:										
Zone Grp.	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 (A, D, or M)	Remarks
N		SSB HF North Zone	ARES/AUXCOM		7.217				A	
N		SSB HF North Zone	ARES/AUXCOM		3.935				A	
C		SSB HF CENTRAL ZONE	ARES/AUXCOM		7.237				A	
C		SSB HF CENTRAL ZONE	ARES/AUXCOM		3.915				A	
S		SSB HF SOUTH ZONE	ARES/AUXCOM		7.247				A	
S		SSB HF SOUTH ZONE	ARES/AUXCOM		3.925				A	
SW		SSB HF STATEWIDE	ARES/AUXCOM		7.227				A	NC9IL
SW		SSB HF STATEWIDE	ARES/AUXCOM		3.905				A	NC9IL

5. Special Instructions:

6. Prepared by (Communications Unit Leader) Name: Steve Warner_ARES_SEC	Signature: _____
ICS 205	Date/Time: 12/1/24

INCIDENT RADIO COMMUNICATIONS PLAN (ICS 205)

1. Incident Name: FROZEN PRAIRIE 2025	2. Date/Time Prepared: Date: 12/1/24 Time:	3. Operational Period: Date From: 2/7/25 Date To: 2/8/25 Time From: 09:00 Time To: 12:00
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4. Basic Radio Channel Use:										
Zone Grp.	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 (A, D, or M)	Remarks
N		2 METER SIMPLEX N	ARES/AUXCOM				146.450		A	NORTH ZONE SIMPLEX
C		2 METER SIMPLEX C	ARES/AUXCOM				146.550		A	CENTRAL ZONE SIMPLEX
S		2 METER SIMPLEX S	ARES/AUXCOM				146.580		A	SOUTHERN ZONE SIMPLEX
N		HF DATA NORTH ZONE	ARES/AUXCOM				3.585		D	
C		HF DATA CENTRAL ZONE	ARES/AUXCOM				3.565		D	
S		HF DATA SOUTH ZONE	ARES/AUXCOM				3.560		D	
SW		CW STATEWIDE	ARES/AUXCOM				7.114		A	STATEWIDE CW TRAFFIC
SW		CW STATEWIDE	ARES/AUXCOM				3.538		A	STATEWIDE CW TRAFFIC

5. Special Instructions:

Winlink address: ILEASWin.Link@ileas.org
 Steve Warner cell 618-315-0968 Email wa9sww@gmail.com
 Zoom Link
<https://us06web.zoom.us/j/81015482539?pwd=oKyOLQstM5MV1ZhF98Dj8u4M7jYe8.1>

6. Prepared by (Communications Unit Leader) Name: Steve Warner **Signature:** _____
ICS 205 **IAP Page** _____ **Date/Time:** _____

Current and Planned Actions, Strategies, and Tactics

FRIDAY, February 7, 2025

9:00 AM – 9:30 AM

Zone check ins on assigned zone 40 meter frequencies.

North **7.217**

Central **7.237**

South **7.247**

9:30 AM – 10:00 AM

Traffic handling (all modes) **10:00 AM – 10:30 AM**

Zone 2 meter repeater nets, use wide area repeaters within each zone. If a GMRS repeater is available in your area, put out a call there also. After the check in portion of the net, net control stations should QSY to the zone assigned simplex frequency and call again for check ins and relays.

North **146.450**

Central **146.550**

South **146.580**

10:30 AM – 11:00 AM

Illinois Digital Net Check ins. W9FE/K9SX Net Controls.

ILLINOIS LINK Wires x 21565

BRANDMEISTER DMR 31171

TGIF DMR 31171

DMR+ REFLECTOR 4636

P25 31171

NXDN 3117

ALLSTAR LINK 42810

YSF REFLECTOR ILLINOIS LINK 83132

DSTAR XLX 334G, DCS 334G, XRF 334G, XLX 312G

Current and Planned Actions, Strategies, and Tactics

11:00 AM – 11:30 AM

CW Traffic Net. K9TJL Net Control 7.114 frequency.

12:00 NOON

NC9IL Statewide Check in 7.227 frequency.

SATURDAY, February 8, 2025

9:00 AM – 9:30 AM

Zone check ins on assigned zone 40 meter frequencies.

North **7.217**

Central **7.237**

South **7.247**

9:30 AM – 10:00 AM

Traffic handling (all modes).

10:00 AM – 10:30 AM

Zone 2 meter repeater nets, use wide area repeaters within each zone. If a GMRS repeater is available in your area, put out a call there also. After the check in portion of the net, net control stations should QSY to the zone assigned simplex frequency and call again for check ins and relays.

North **146.450**

Central **146.550**

South **146.58**

Current and Planned Actions, Strategies, and Tactics

10:30 AM – 11:00 AM

Illinois Digital Net Check ins. W9FE/K9SX Net Controls.

ILLINOIS LINK Wires x 21565

BRANDMEISTER DMR 31171

TGIF DMR 31171

DMR+ REFLECTOR 4636

P25 31171

NXDN 3117

ALLSTAR LINK 42810

YSF REFLECTOR ILLINOIS LINK 83132

DSTAR XLX 334G, DCS 334G, XRF 334G, XLX 312G

11:00 AM – 11:30 AM

CW Traffic Net. K9TJL Net Control 7.114 frequency.

12:00 NOON

NC9IL Statewide Check in 7.227 frequency.

1:00 PM

After Action Hotwash via ZOOM.

Illinois ARES Zone Map with Frequencies

North Zone
Districts 2, 3, & 4

HF Voice
3935 LSB
7217 LSB
HF Data
3585 USB
CF 3586.5
2M Voice
146.450

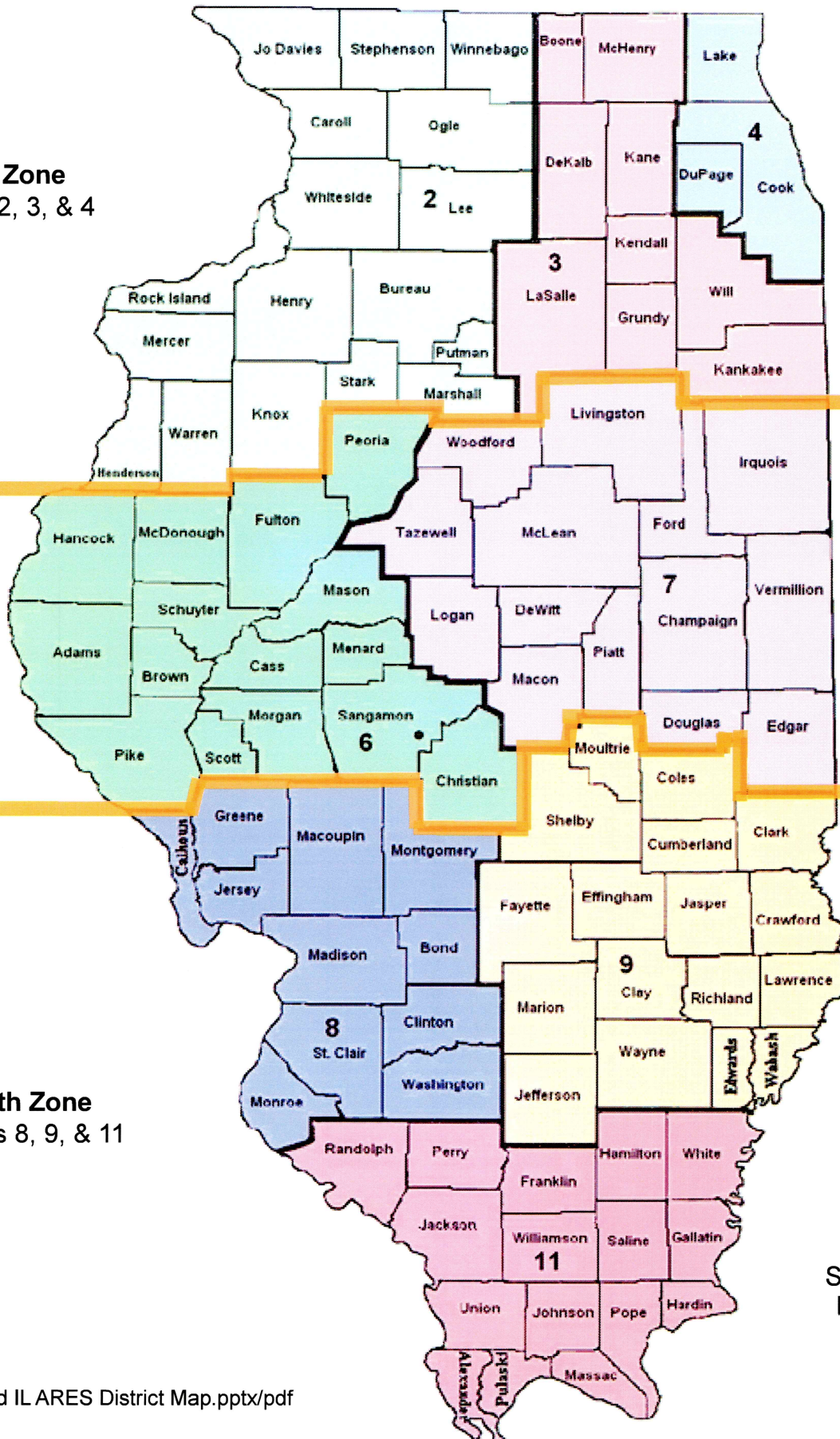
Central Zone
Districts 6 & 7

HF Voice
3915 LSB
7237 LSB
HF Data
3565 USB
CF 3566.5
2M Voice
146.550

South Zone
Districts 8, 9, & 11

HF Voice
3925 LSB
7247 LSB
HF Data
3560 USB
CF 3561.5
2M Voice
146.580

Statewide CW
Frequencies
3.538/7.114



Sample Preamble

Is the Frequency busy?

This is (*name and call*) the Net Control for the Amateur Radio Frozen Prairie 2025 exercise.

I am located in (*city and zone*). All ARES/AUXCOMM and interested amateurs are invited to participate.

I will now take check-ins and stations with traffic.