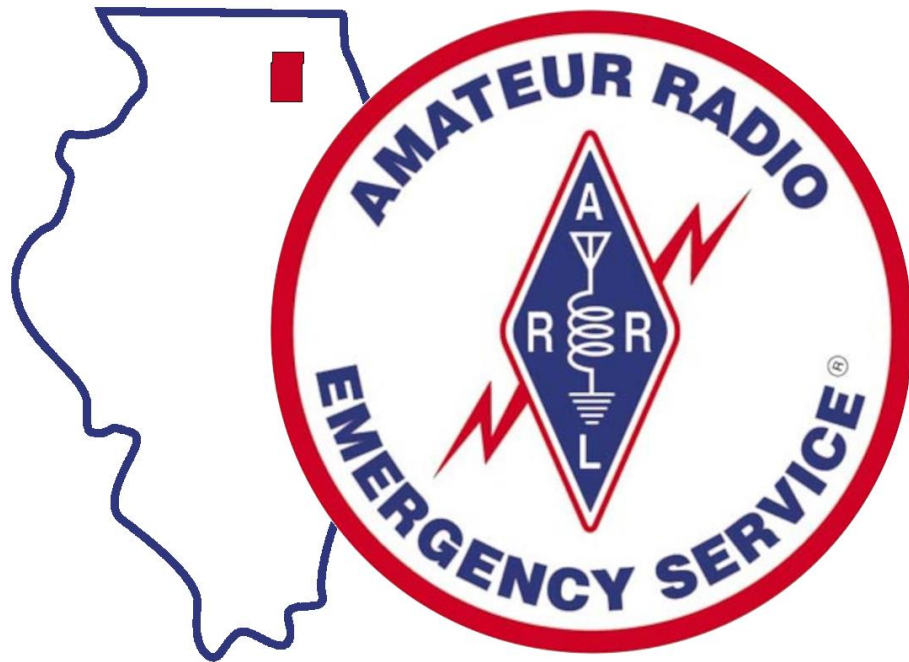


KANE COUNTY



ARES

Frozen Prairie 2025

Kane County ARES
Tentative Exercise Plan

Rev. 2 (01/30/2025)

INCIDENT BRIEFING (ICS 201)

1. Incident Name:

FROZEN PRAIRIE 2025

2. Incident Number:

0225

3. Date/Time Initiated:

Date: 02/07/2025 Time: 08:30

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):

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.

If operating from an alternate location:

Be prepared for winter weather conditions.

Wear weather appropriate clothing.

Watch for slippery surfaces.

Stay hydrated, have adequate food available.

Ensure that all radio traffic clearly identifies this as an exercise

6. Prepared by: Name: T. Pogge (K2POG) Position/Title: EC, KC ARES Signature: _____

INCIDENT BRIEFING (ICS 201)

1. Incident Name: FROZEN PRAIRIE 2025	2. Incident Number: 0225	3. Date/Time Initiated: Date: 02/07/2025 Time: 08:30
7. Current and Planned Objectives:		
<p>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/RACES/AUXCOMM, the Illinois National Guard, the Illinois Emergency Management Agency (IEMA), Civil Air Patrol, and Public Safety Communications (IEMA/ILEAS/IDPH/IMERT/IL-TERT/MABAS/FEMA/Police/Fire/EM) to maintain vital communication links during a major disaster scenario, including civil unrest in urban areas.</p> <p>The exercise will specifically focus on radio communication between southern Illinois and northern Illinois using CW (Morse Code), SSB (Single Sideband), DMR modes, JS8, 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.</p>		
8. Current and Planned Actions, Strategies, and Tactics:		
Time:	Actions:	
02/07/2025		
08:30-09:00	Resource net on the KC9OEM repeater for members to check in and coordinate. Continue to monitor KC9OEM for the duration of the exercise as a tactical net to assist with traffic handling	
09:00-09:30	Zone check-ins on assigned zone 40-meter frequencies. NORTH 7.217 LSB (DuPage ARES- NC)	
09:30-10:00	Traffic handling (all modes) See attached information for specifics	
10:00-10:30	2-Meter check-in net on the 444.875 K9XD repeater. Use KC9OEM repeater as necessary	
10:30-11:00	Illinois digital net check-ins. See attached information.	
11:00-11:30	CW Traffic Net. 7.114 /GMRS check-in net operated by DuPage ARES on the Rugged 575 Repeater	
12:00-13:00	Statewide check-in. 7.227 LSB	
02/08/2025		
08:30-09:00	Resource net on the KC9OEM repeater for members to check in and coordinate. Continue to monitor KC9OEM for the duration of the exercise as a tactical net to assist with traffic handling	
09:00-09:30	Zone check-ins on assigned zone 40 meter frequencies. NORTH 7.217 LSB	
09:30-10:00	Traffic handling (all modes) See attached information for specifics	
10:00-10:30	2-Meter check-in net on KC9OEM repeater (NC/ANC TBD). Monitor 444.875 K9XD repeater.	
10:30-11:00	Illinois digital net check-ins. See attached information.	
11:00-11:30	CW Traffic Net. 7.114 /GMRS check-in net on Kane600 Repeater (NC: Cody WRWC646 ANC: TBD)	
12:00-13:00	Statewide check-in. 7.227 LSB	
13:00-?	After-Action Meeting (Not required, but you are welcome to attend- the Zoom link is in the attached information)	
6. Prepared by: Name: <u>T. Pogge K2POG</u> Position/Title: <u>EC, KC ARES</u> Signature: _____		
ICS 201, Page 2	Date/Time: <u>01/30/2025</u>	

Friday 02/07/2025

8:30 AM – 9:00 AM

Resource net on the KC9OEM repeater for members to check in and coordinate. Continue to monitor KC9OEM for the duration of the exercise as a tactical net to assist with traffic handling.
NC: TPogge K2POG ANC: TBD

9:00 AM - 9:30 AM

Zone check ins on assigned zone 40-meter frequencies.

North Zone 7.217 LSB

9:30 AM - 10:00 AM

Traffic handling (all modes)

We will monitor traffic on the statewide HF voice frequencies 7.227 for traffic that needs to be relayed to and from other state sections. There may be requests to relay specific information or provide situational awareness information. There will likely be injects of last-minute changes designed to simulate the challenges of an actual emergency.

Winlink – Amateur radio operators will send simulated messages/responses to requests to:
ILEASWin.Link@ileas.org

Send messages in ICS 213 format (form included)

10:00 AM - 10:30 AM

2-meter check-in on the 444.875 K9XD repeater. Use KC9OEM repeater as necessary.

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 Zone Simplex 146.475

10:30 AM - 11:00 AM

Illinois Digital Net check-ins.

JS8: 144.475, HF Data Frequencies – All amateur radio operators will be invited to participate in passing simulated messages on JS8 or one of the following digital modes:

Digital Mode List

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. 7.114 frequency/ GMRS check-in net RUGGED 575 Repeater DuPage ARES, NC/ANC

12:00 NOON

NC91L Statewide check-in **7.227 LSB**

Saturday 02/08/2025

8:30 AM – 9:00 AM

Resource net on the KC9OEM repeater for members to check in and coordinate. Continue to monitor KC9OEM for the duration of the exercise as a tactical net to assist with traffic handling.
NC: TBD ANC: TBD

9:00 AM - 9:30 AM

Zone check ins on assigned zone 40-meter frequencies.
North Zone 7.217 LSB

9:30 AM - 10:00 AM

Traffic handling (all modes)

We will monitor traffic on the statewide HF voice frequencies 7.227 for traffic that needs to be relayed to and from other state sections. There may be requests to relay specific information or provide situational awareness information. There will likely be injects of last-minute changes designed to simulate the challenges of an actual emergency.

Winlink – Amateur radio operators will send simulated messages/responses to requests to:
ILEASWin.Link@ileas.org

10:00 AM - 10:30 AM

2-Meter check-in net on **KC9OEM** repeater

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 Zone Simplex 146.475

10:30 AM - 11:00 AM

Illinois Digital Net Check ins.

JS8: 144.475, HF Data Frequencies – All amateur radio operators will be invited to participate in passing simulated messages on JS8 or one of the following digital modes:

Digital Mode List

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. 7.114 frequency/ GMRS check-in net Kane600 repeater NC: Cody WRWC646
ANC: TBD

12:00 NOON

NC91L Statewide check-in **7.227 LSB**

01:00

After-Action Meeting (You are welcome to attend)

<https://us06web.zoom.us/j/81015482539?pwd=oKyOLQstMi5MV1ZhF98Dj8u4M7jYe8.1>

Please log all traffic on ICS 214 forms. Once the exercise is completed, please send copies of your ICS 214 forms to admin@kanecountyares.org.

It is critical that we ensure that all radio traffic clearly identifies this as an exercise. Similar exercises in the past have been picked up by people not involved in the exercise and/or the media and have been mistaken for actual emergencies. We do not want anyone to compare our radio communications to Orson Wells.

Sample Script

Is this frequency busy?

(Pause briefly for allow for a response)

THIS IS A TRAINING EXERCISE. This is (Your Name and Call Sign), the net control operator for the Amateur Radio Frozen Prairie 2025 exercise. I am in (town and zone #). All ARES/AUXCOMM and interested amateurs are invited to participate. **THIS IS A TRAINING EXERCISE**

I will now take check-ins from stations with traffic who would like to participate in this training exercise. Any station please call now.

INCIDENT RADIO COMMUNICATIONS PLAN (ICS 205)

1. Incident Name: Frozen Prairie 2025	3. Operational Period: Date From: 02/7/25 Date To: 2/8/25 Time From: 09:00 Time To: 12:00
2. Date/Time Prepared: Date: 12/1/2025 Time:	

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: <u>Steve Warner</u> ARES_SEC Signature: _____	
ICS 205	IAP Page _____ 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	

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/810154825397pwd=okYOLQstMi5MV1ZhF98DJ8u4M7jYe8.1>

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

INCIDENT RADIO COMMUNICATIONS PLAN (ICS 205)

1. Incident Name:

FROZEN PRAIRIE 2025
KANE COUNTY ARES ADDITIONAL

2. Date/Time Prepared:

Date: 01/30/2025
Time: 10:00

3. Operational Period:

Date From: 02/07/25 Date To: 02/08/25
Time From: 08:30 Time To: 12:00

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 Repeater		ARES/AUXCOMM	145.470	103.5	144.870	103.5	A	Kane ARES/OEM Primary Repeater KC9OEM
N		70 cm Repeater		ARES/AUXCOMM	444.225	114.8	449.225	114.8	A	Kane ARES/OEM Back-Up Repeater WB9IKJ FERMILAB
N		70 cm Repeater		ARES/AUXCOMM	444.875	114.8	449.875	114.8	A	North Zone Primary Repeater K9XD
N		2 Meter Simplex		ARES/AUXCOMM	146.475	None	146.475	None	A	Primary North Zone Simplex
N		2 Meter JS8		ARES/AUXCOMM	144.475	None	144.475	None	D	North Zone 2 Meter JS8 w/ DuPage, McHenry Counties
N		GMRS		ARES/AUXCOMM	462.575	*	462.575	*	A	RUGGED 575 GMRS Repeater
N		GMRS		ARES/AUXCOMM	462.600	None	462.600	156.7	A	Kane600 GMRS Repeater

5. Special Instructions:

Please note the change in North Zone simplex frequency

2 Meter JS8 may not be reach everyone, however it works with weak signals well and will be a good exercise to try.

GMRS is applicable to those with GMRS licenses. The RUGGED 575 tones are not published. Please contact the owner of the RUGGED 575 repeater through mygmrs.com for permission to access/ tone frequencies.

REV. 1 01/30/2025 TPogge

6. Prepared by (Communications Unit Leader) Name: Terrence Pogge

Signature: _____

ICS 205

IAP Page _____

Date/Time: 01/30/2025 10:00