



ARES Meeting Agenda - 12/18/24

- Welcome to Our Guests
- ARRL IT Issues & Update
- Who is in for 2024? - Email Coming
- Bunker Gear Update
- Frozen Prairie Exercise
- Winlink Stations in Central Illinois
- IEMA-ARES Net – Please Check In
- Net Control Operators Wanted
- Upcoming RAT-PAC Presentations
- Looking Towards 2025
- ARES Net Reminders



Welcome to our Guests

- Thanks for joining us tonight
- ARES - Amateur Radio Emergency Service
- For those new to ARES, we do 3 major things:
 - Severe Weather – Storm Spotting
 - Communications Support for Community Events
 - Emergency Communications for Served Agencies
- Major Tools that we utilize:
 - Ham Radios, typically VHF and/or HF gear, including Go-Kits
 - Winlink Express software for over-the-radio email messages
 - Internet Email and text messaging for inter-team communications
- Training – more to ARES than holding a microphone and talking



ARRL IT Issues Update

- As you have heard previously, in May 2024, the ARRL was the victim of a sophisticated network attack by a malicious international cyber group.
- Thom Beebe, Illinois Section Manager, has nothing further to report.
- Thom is getting blocked on Facebook. He will send any future updates on www.arrl-il.org



ARES - Who is in for 2024?

- Email coming soon – Title will be as follows:
- *Peoria County ARES – I Want to Participate – Please Reply “Yes” or “No”*
- I create a new ARES Roster each January, while recognizing that peoples lives change
- Update your email address & your best phone number (one capable of getting text messages)
- Everyone simply reply to the email please



Bunker Gear Update

- HF Station (Yaesu FT-950)
 - End Fed Antenna is up, cheapie rope was replaced with Paracord
 - Working normally
 - Need time to do more testing
- VHF Station (Kenwood D710)
 - Working normally, ready for Winlink Peer-to-Peer testing 24/7, as W9PIA using Packet FM mode
- Winlink Gateway (Motorola Syntor)
 - Working normally



Frozen Prairie Exercise

- Friday, Jan 31 – Saturday, Feb 1, 2025
- Joint Illinois Emergency Management Agency and many others, plus ARES/AUXCOMM
- Earthquake in New Madrid Fault followed by Civil Unrest
- Check-ins with NC9IL in Springfield
- Check-ins in each Zone on 40 and 2 meter simplex
- Pass messages South-to-North to Rodgers St in Springfield and on to Chicago
- Expect to use SSB, Winlink, CW, and FLDIGI
- Demonstrate ARES as an Asset



Winlink Stations in Central Illinois

Band	ID	Mode	Location	Frequency
2 Meters	W9PIA	Packet-FM Peer-2-Peer	Kickapoo	145.610 MHz
2 Meters	KD9ANU-10	Packet-FM	Kickapoo	145.610 MHz
2 Meters	W9TAZ-10	Packet-FM	Tremont	145.610 MHz
2 Meters	K9WRA-11	Packet-FM	Metamora	145.610 MHz
2 Meters	K9WRA-10	VARA-FM	Roanoke	144.970 MHz
2 Meters	K9XE-10	VARA-FM	Carlock	144.970 MHz
2 Meters	KA3BQE-10	Packet-FM	Downs	145.610 MHz
80 Meters	K9WRA	VARA	Roanoke	3586.800 KHz
80 Meters	K9WRA	ARDOP	Roanoke	3586.800 KHz



Winlink Stations in Central Illinois

- You may be able to work one or more of these stations. Give all of these a try!
- W9PIA is for Peer-to-peer practice, one-way just you to him. Address message to W9PIA.
- Stations equipped with external sound cards should be able to do both Packet & VARA.
- HF Stations can work many HF Gateways outside of Central IL. How far can you work?
- Our Weekly Winlink Exercise practice can operate thru any of these stations except for W9PIA.
- Woodford County now has a weekly check-in in conjunction with their weekly net – Read the check-ins on the Net
- New Winlink operators should start out with the Telnet mode – over the Internet.
- If you have any issues with Winlink over-the-air, don't be afraid to ask for help.



IEMA-ARES Net – Please Check In

- IEMA net is back to the 3rd Saturday, 10:30 AM
- Station call sign is NC9IL and the frequency is 7.227 MHz, taking check-ins from 10:30 AM to 11:15 AM
- Calling stations by North, **Central**, & South Zones. We are in the Central Zone, District 6
- December 21st is the last IEMA Net for 2024
- Everyone is encouraged to check in to this net
- We want to show IEMA that ARES is here



Net Control Operators Wanted

- Want to get more folks involved doing Net Control for our Peoria County VHF ARES Nets (one net per month)
- Rich KD9ANU will do the first Net of the month, a volunteer does the second Net of the month
- Our net is quite easy, the script is on our website & emailed
- A form to record check-ins is now available
- Just do one set of check-ins using 075 repeater
- Let's get some folks volunteering
- Expect to continue with 1 volunteer/month in 2025



Net Control Operators for 2025

- Jan 8 –
- Feb 12 –
- Mar 12 –
- Apr 9 –
- May 14 –
- Jun 11 –
- Jul 9 –
- Aug 13 –
- Sept 10 –
- Oct 8 –
- Nov 12 –
- Dec 10 –



Upcoming RATPAC Presentations

Radio Amateur Training Planning and Activities Committee

Dec 17, 2024	CW Ops-CW Academy
Jan 8, 2025	Winter Field Day
Jan 9, 2025	DLARC—The Free Online Ham Radio Library
Jan 15, 2025	Easy to Build Inexpensive "Snooper" Probe for Detecting & Solving Stray RF on Your Coax & in Your Shack
Jan 16, 2025	IP Networking with ARDEN Software
Jan 22, 2025	On Bands with K9LA- A tour of Effects of Solar Cycle Cycle 25
Jan 23, 2025	How the Ionosphere Really Works

Held Wednesday & Thursday via - Zoom 8:00 PM CT / 02:00 UTC

<https://us02web.zoom.us/j/2128884758?pwd=RG94eEY2L3FiMEg0U3ZlWmhXaEdwdz09>
Zoom Passcode- RATPAC

RATPAC Video Presentations Lists: <http://tiny.cc/ratpac-list>



Looking Towards 2025

- I have entered our major ARES events on the calendar of the website
- Please notify me if you think something is missing or incorrect
- Yes, we will have an ARES Net on Wednesday, January 1st, 7:00 PM



ARES Net Reminders - Winter

- Illinois State ARES HF Net
 - 1st and 3rd Sundays of month at 4:30 PM CST
 - 3.905 MHz LSB (alternate 7.227 MHz LSB) & Echolink 824404
 - Informal 60M & 80M check in - (3905 KHz) at 4:10 PM
 - 60M check at 4:20 pm (5403.5 kHz Channel 5, if busy then 1, 2, 3, 4)
- IEMA-ARES Net, 3rd Sat, NC9IL on 7.227 MHz, from 10:30 AM to 11:15 AM
- Illinois Digital Net every Wednesday 8:00 PM on Illinois Link
 - WIRES X 21565
 - Brandmeister DMR 31171
 - TGIF DMR 31171, DMR+ Reflector 4636
 - NXDN 3117
 - P25 31171
 - YSF Reflector Illinois Link 83132
 - D-Star XLX 334G, DCS 334G, XRF 334G, and XLX 312G
 - Allstar Link 42810



END

- www.peoriacountyares.org
 - arrl-il.org
 - www.arrl.org/ares