



ARES Meeting Agenda - 11/20/24

- Welcome to Our Guests
- ARRL IT Issues & Update
- Bunker Gear Update
- Simulated Emergency Test '25
- IEMA-ARES Net – Please Check In
- Net Control Operators Wanted
- Upcoming RAT-PAC Presentations
- Linked Repeater Information
- 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.
- Still working to recover. Professionals are part of the recovery team.
- DXCC is slowly coming back-up – That part of the system runs on a Windows XP machine. Please be patient.
- There are a tremendous number of rumors floating around on social media regarding the ARRL – please don't re-send them.
- 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



Bunker Gear Update

- HF Station (Yaesu FT-950)
 - End Fed Antenna is down, cheapie rope will be replaced with Paracord
 - Hope to get out there Thursday or Friday, weather permitting
 - Put the End Fed Antenna back up
 - Test the HF Rig and Computer
- 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



Simulated Emergency Test '25

- Name of event – “Frozen Prairie”
- 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
- One focus – Pass messages South-to-North to Rodgers St in Springfield and on to Chicago
- SSB, Winlink, and FLDIGI
- Demonstrate ARES as an Asset



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



Sunday ARES Net – Freq Changed

- You may recall that Illinois State ARES switched from 80 meters to 40 meters for the summer ARES HF Nets
- That began Sunday, June 16, used 40 meters - 7227 kHz
- The 4:20 PM slot remains on 60 meters, channel 5
- The Statewide ARES HF Net this weekend on October 20 will remain on 7227 kHz
- **However, since Sunday, November 3, this HF net has switched back to 80 meters - 3905 kHz for the winter**
- (Changing with daylight savings time ending)



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
- Anyone want December 11?



Net Control Operators Wanted

- Mar 13 – Brett, KD9PXZ
- Apr 10 – Brett, KD9PXZ
- May 1 – Brett, KD9PXZ
- Jun 12 – Ryan, KB9OGS
- Jul 10 – Scott, K9XJT
- Aug 14 – Steve, KB9SF
- Sept 11 – Rich, KD9ANU
- Oct 9 – Rob, KD9DBQ
- Nov 13 – Rich, KD9ANU
- Dec 11 – ?



Upcoming RATPAC Presentations

Radio Amateur Training Planning and Activities Committee

Nov 20, 2024	KV4P HT Open Source Project
Nov 27, 2024	No RATPAC - Thanksgiving
Dec 4, 2024	Holiday Ham Radio Gifts
Dec 8, 2024	CW Ops- CW Academy
Dec 11, 2024	CQ DX Marathon
Dec 25, 2024	No RATPAC Christmas
Jan 1, 2025	No RATPAC New Years Day

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>



Linked Repeater Info

- The Peoria Area Amateur Radio Club has linked the two VHF 2 meter repeaters it operates
- W9UVI (075) located at Groveland, and K9PEO (850) located in Glasford are now linked using the Internet
- When keying up on one repeater, the other repeater transmits the same signal
- This technique effectively increases the coverage range
- Potentially useful to ARES during storm spotting
- Be sure you have both repeaters programmed in your rigs

Repeater	Transmit	Receive	Tone
W9UVI	147.075	147.675	156.7
K9PEO	146.850	146.250	103.5



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