



Pilot Knob Amateur Radio Club • KSØLV • Leavenworth, Kansas • EM29 • Volume 19 - No. 10 - Oct, 2023

Welcome to the Pilot Knob Amateur Radio Club

From the President of the PKARC

October is upon us, and, with it our need for nominations for officers for next year. Please contact a member of the nomination committee with your ideas -- especially if you want to volunteer! (The committee consists of yours truly, Max, KØMDP, catchfish247@gmail.com, and Guy, KFØKOS, youngguy11@gmail.com.)

Many thanks to all who turned out at the Harvey House on the Air special operating event, and especially to Steve, WØSER, who coordinated everything so well. It was a record turnout, despite the iffy weather. Although we didn't make a ton of contacts, it was an enjoyable event, with a lot of learning and good camaraderie. Max, KØMDP, was able to get an Italian QSO on 3 watts FT8, which was the distance and power record for the event, and Roxann, KZØIMO, was able to get on the air with her IC-705. Rick, NJØP, was making contacts on his KX2 with his SideKar CW device, and I was able to add some things to my Christmas list! We have photos below, thanks to Steve, WAØSRS, and Jeff, KAØARW.

The next big thing is, of course, this weekend's annual Simulated Emergency Test (SET), which Rick has a lot more about below. This really is an all-hands-on-deck exercise, so please plan to participate on Saturday morning, even if you are not a member of ARES (which can easily be fixed!). Amateur Radio is a service, first and foremost, and we licensees all have a significant part to play in the event of disasters. All of the enjoyable and educational activities we do in this hobby have as their ultimate aim the ability to communicate when there is no grid, no cell tower, and no internet. Let's hone our skills and get ready for disasters and emergencies before we're already in the middle of them!

There are two solar eclipses coming up, each partially visible from the KC Metro area. The October 14th eclipse will be annular (the "ring of fire"), while the April 8th eclipse will be total, in the correct paths far from here. We will still be able to participate in the big scientific studies about how eclipses influence radio communications. There are contests, kits to build, monitoring programs, etc., and I will have more information on these opportunities at our October meeting on Thursday 5 October at 7:00 pm, at Pilgrim Community Church, where I hope to see everyone.

73,

Scott - K2SCT

[MEETING INFORMATION](#)

First Thursday of the Month
Next Meeting: 05 Oct 2023
Time: 7:00 p.m., Central Time
Location: *Pilgrim Community Church*
500 Arch St, Leavenworth, KS 66048

[MAILING INFORMATION](#)

The Pilot Knob Amateur Radio Club
34058 167th Street
Leavenworth, KS 66048
www.PKARC.net

From the Kickapoo QRP Operating Desk

The month of September found us in the western Arkansas and eastern Oklahoma areas. The main purpose for the trip was to attend the Mena hamfest which was in its 53rd year. While there we also took the opportunity to activate five SOTA summits.

The hamfest was a lot of fun, but the weather washed out the first day with rain and high winds. This is an outside hamfest held on the grounds of the Queen Wilhamena State Park. This is a great state park with a beautiful lodge where we stay every year that we attend this event.

The second day of the hamfest was just fine as the sky cleared off and things warmed up. We spent the day looking at all the items for sale and even brought a couple of the items home to play with.

We started our SOTA activations at Rich Mountain Arkansas. This summit is only a couple of miles east of the hamfest and an easy drive-up type of summit. We met up with another SOTA activator from North Carolina that was working his way across country activating summits on a trip to climb Mount Whitney in California. We hope to contact him while he's on that mountain. On this summit we made 25 contacts on 40 and 20 meters. We have activated this summit several times and always enjoy setting up here to do so.

The next day, since the hamfest was shut down, we opted to activate a summit called 2290 and is in Oklahoma. This summit is also a drive-up where you simply pull off to the side of the highway and set up in the trees. On this summit we logged 28 contacts. We did get a little damp due to a quick rain shower, but that didn't stop us from operating.

On our third activation we drove a few miles further west to a summit called Sycamore Lookout in Oklahoma. We logged 20 contacts on this summit. Both 2290 and Sycamore Lookout were fun as we were fighting rain all day long and trying to set up and operate between rain cells. Fortunately, we managed to finish our plan for activating that day and went back to the lodge for a nice evening meal.

The next day was nice clear weather, so we opted to drive up to a summit called Poteau Mountain. This summit is accessed via a bunch of back roads in the Arkansas mountains. The summit is covered in towers and antennas of all sorts, but fortunately did not cause us any interference problems. We made 17 contacts on 20 and 40 meters but found the bands were weak, so we called it a day and just enjoyed the peace and quiet.

On our way home we stopped at our final summit called Cavanal Mountain. We made 24 contacts here but found the noise level was very high making contacts a bit challenging at best. All total we made 114 contacts on these five summits and enjoyed the challenges. We've already made reservations to go back here next year.

Martha and I have been into the Summit on the air program since 2013 and have done both the chasing and activating sides of this program. Needless to say, we are somewhat addicted to this program and here are the four ways a SOTA person looks at summits:

1. If you look at a hill and say, "That could be a SOTA peak."
2. If you look at a hill and say, "I'm pretty sure that IS a SOTA peak."
3. If you look at a hill and say, "I KNOW that's a SOTA peak."
4. If you look at a hill and say, "I've ACTIVATED THAT SOTA peak!"

See you at the next PKARC meeting or our weekly Thursday breakfast gatherings.

Gary Auchard - W0MNA

Pilot Knob Amateur Radio Club

Meeting Minutes

September 7, 2023

Call to Order

The meeting of the PKARC was held on September 7th, at Pilgrim Community Church at 500 Arch Street in Leavenworth Co. It began at 7:00 pm and was presided over by President Scott Gardner (K2SCT), Keith Collier (KFØKBC) as Vice President and Roxann Kosmicki (KZØIMO) as Secretary.

Roll Call

Members in attendance included: Keith (KFØKBC), Scott (K2SCT), Vic (KEØSYO), Roxann (KZØIMØ), Rick (NJØP), Steve (WØSER), Ed R (WBØLYQ), Emily (KFØGNS), Sarah (KEØXYG), John (KFØLNZ) and Ron (NOCALL).

The meeting opened with Introductions. Congratulations were given to John (KFØLNZ) for passing the exam for Extra.

Special item of discussion was the amendment of the Articles of Incorporation. Scott began the discussion about the document before the group. Rick (NJØP) moved to approve the document as presented. Keith (KFØKBC) seconded it. No further discussion was needed. Motion was unanimously approved.

Treasurer Report was given by Roxann (KZØIMO).

Scott then gave the floor to Steve (WØSER) who discussed the September 23rd Harvey House that will start set up at 0830 and be on the air at 9am. A few questions were asked and addressed. John (KFØLNZ) mentioned that this will also be the day of Equinox so it may provide some interesting propagation.

Rick (NJØP) was given the floor next. He stated most items were in this month's QRZ. He reiterated the call for volunteers needed for the Oct 7th SET so mention it to your friends. Next, he talked about how far we have come with the MESH since our presentation last year with Bill Gary. He suggested a tour of its capabilities for our November meeting. All present agreed it was a good suggestion. The hope is to do a full stage demo which he plans to also present to the Hospital Staff and the local Offices of Emergency Management in the near future. He stated we have a great advocate since the SJH star lighting with the CEO over SJH and PMC. He stated the Leavenworth County Office of Emergency Management is committed to fund a MESH link from the EOC to SJH.

Scott then took the floor and did a little show and tell with his Elecraft KX2 the Evolve laptop and the Digirig. He talked about what he liked in the set up. Steve (WØSER) talked about his experience with the Digirig as well.

Lastly, Scott presented the Ham Radio A-Z YouTube channel video that talked about "bad fuses". It was a reiteration of how fuses are supposed to operate and their purpose. Their job is to protect the wiring, so they do not burn up and a secondary cause of this is that they help protect what is after the fuse. The video showed a non-name brand fuse being tested and how it never failed after 3 minutes when it should have. Then a name brand fuse from Busman was tested and did what was expected. The key take away is us a reliable name brand fuse.

It was mentioned that a build session is being considered for later in October.

Adjournment

Keith motioned for adjournment. Vic seconded. No discussion. Motion carried. The meeting adjourned at 7:55 pm.

Respectfully Submitted,

Roxann Kosmicki, KZØIMO

ARES and Emergency Management Links

Leavenworth County Emergency Management:

<https://www.lvsheriff.org/emergency-management>

Leavenworth County ARES:

<https://ks-lv-ares.signaleer.us>

ARRL ARES Information: <http://www.arrl.org/ares>

ARRL ARES Manual:

<http://www.arrl.org/files/file/Public%20Service/ARES/ARESmanual2015.pdf>



KCHEART Net Information

The KCHEART Net takes place on the first Monday of the month. If that falls on a holiday, it will be delayed until the next week. The frequency is 443.500 with positive offset and 151.4 tone.

This repeater is located at the Kansas City VA hospital. Please feel free to check in from time to time. Participation is never mandatory, but always appreciated!



We're on the Web @ www.pkarc.net

Thursday ARES Net - 147.000 Sep, 2023 Net Report

07 Sep (N/A)

No Net, club meeting

14 Sep (6)

KAØDJR ---- Dick*
KØMDP ---- Max
KFØKBC ---- Keith
WØSER ---- Steve
WAØSRS ---- Steve
KZØIMO ---- Roxann

21 Sept (8)

KAØDJR ---- Dick*
WØSER ---- Steve
NJØP ---- Rick
WAØSRS ---- Steve
KAØARW ---- Jeff
KFØKBC ---- Keith
KZØIMO ---- Roxann
NØZZN ---- Steve

28 Sep (7)

KAØDJR ---- Dick*
KFØKBC --- Keith
WAØSRS ---- Steve
KAØARW ---- Jeff
WØSER ---- Steve
NJØP ---- Rick
KZØIMO ---- Roxann

(*) - Net Control Station



Detailed Net Information:



Wednesdays - PKARC Club Net on 147.00 at 7:30pm
Steve Stalker (WAØSRS) as Net Control

You are always welcome to discuss swap-meet style items on the PKARC Wednesday Net

Thursdays - Leavenworth County ARES Net on 147.00 at 7:30pm
Dick Quinlan (KAØDJR) as Net Control.

Sundays - JARA UHF Fusion Net on 444.800 at 7:00pm
Rick Reichert (NJØP) as Net Control

And also the **ARES Information and Training Net** on 145.33 at 7:30 pm
Brian Resch (NBØR) as Net Control

All repeaters use a 151.4 Hz sub-audible tone

Jarbalo Amateur Radio Association

 Activate **WIRES-X** on your UHF radio. Experiment and have fun!

President: Max Pfrimmer – KØMDP
Vice President: Steve Rice – WØSER
Trustee: Rick Reichert – NJØP

Sunday 7 pm Net

Agenda
Pre-Net Admin
NTS Traffic
Check-ins
Picture-of-the-Week
Announcements
Training
Comments
Adjourn



The fastest 1/2 Hour on Ham Radio!

EchoLink! Note to self: "Do not run Microsoft Windows Update on the EchoLink computer on Sunday." It took nearly 7 hours for the update to complete so we did not have EchoLink available for our Sep 30 net. Other than that, EchoLink has been rock steady. In addition to local use, our VHF repeater has been accessed by WØAO (WA), NØCS (FL), KC3WPR (PA), and KØAVN (NC).

Accessing EchoLink. Download and install EchoLink on your phone or other wireless device. Register with EchoLink at <https://echolink.org>. Then look for repeater WØROO-R in the app. It's that easy. No radio required.



Net Training Topics. Over the past several years, we've covered just about every Yaesu System Fusion topic on our 7 pm Sun nets. Where do we go from here? Please provide your input this Sunday!

Jarbalo Amateur Radio Association Sunday Evening UHF Net Roster WØROO/R 444.800 MHz + C4FM DN T:00 R:00

Sep-2023	Name	03	10	17	24
KØAVN	Dave		Pi		
KØAWW	Randy	X			
KAØDJR	Dick	X	X	X	
WØERI	Martha	X	Pi	X	
ABØGD	Gregg	X	X		
KZØIMO	Roxann		X		X
KFØKBC	Keith		LOG	LOG	LOG
KFØKOS	Guy	X	X		X
KØMDP	Max				Pi
WØMNA	Gary	X	Pi	Pi	
NJØP	Rick	NCS	NCS	NCS	NCS
KD7QOR	Ed	X	X	X	X
NBØR	Brian	X	X	X	X
K2SCT	Scott				X
WØSER	Steve	LOG	X	X	X
WAØSRS	Steve	X	X	X	X
KEØSYO	Vic	X	X		
KC5VKG	Doug		X		X
KC3WPR	Drew			Pi	
NØZZN	Steve		X		X



AFFILIATIONS

The American Radio Relay League (ARRL)
Leavenworth County Emergency Management
American Red Cross



AREA REPEATERS	ENCODE	TRUSTEE	LOCAL NETS	DAY - TIME - FREQ
145.330(-)	151.4	WØROO	PKARC Net	Wed. - 7:30pm - 147.000
147.000(+)	151.4	KDØZKP	ARES Net	Thur. - 7:30pm - 147.000
444.800(+)	YSF TØØRØØ	WØROO	JARA UHF Net	Sun. - 7:00pm - 444.800
442.350(+)	DMR CC1 TS1	KCØDMR	ARES Info & Training	Sun. - 7:30pm - 145.330



Amateur Radio Emergency Services®

Section Manager: Ron Cowan, KBØDTI
Emergency Coordinator (Dist 4, Zone C): Rick Reichert, NJØP

See list of Assistant Emergency Coordinators and new opportunities on KS-LV-ARES.signaleer.us on the About Us -> Leadership page.



ARES Fall Simulated Emergency Test



ARRL® ARES® 2023 SIMULATED EMERGENCY TEST Saturday Morning, October 7, 2023

All Radio Amateurs are encouraged to participate in this annual event.

*The FIRST fundamental purpose
of Amateur Radio*

FCC Rules Part 97.1(a) Recognition and enhancement of the value of the amateur service to the public as a voluntary noncommercial communication service, particularly with respect to providing emergency communications.

SIMULATED EMERGENCY TEST - October 7, 2023

This is the Big One! Participants should expect an alert at 0630 via AlertSense/Konexus notification to your mobile number. At that time, begin listening to the 147.000 MHz (+) 151.4 Hz repeater for announcements.

Three Scenarios. We need as many Radio Amateurs participants as possible regardless of ARES® status or experience. There will be three simultaneous scenarios running concurrently: Regional response to simulated Complex Coordinated Terrorist Attacks (CCTA) on infrastructure, a KCHEART inter-hospital simplex voice communications exercise, and our own Radio Direction-Finding exercise to locate a lost person who has a hand-held radio.

EXPLAN Published. If you have not received a link to the Exercise Plan (EXPLAN), see the post entitled, "2023 Simulated Emergency Test" on our web site at <https://KS-LV-ARES.signaleer.us>. Use the contact form at the bottom of the post to request the link.

Sunday ARES Info & Training Net - 145.330 - Sep, 2023 Net Report

03 Sep (10)

NBØR Brian*
WØSER Steve
WAØSRS Steve
KEØYOA Austin
NJØP Rick
KEØSYO Vic
KD7QOR Ed
KAØDJR Dick
KFØKOS Guy
NØZZN Steve

10 Sep (13)

NBØR Brian*
KZØIMO Roxann
KC5VKG Doug
KFØKBC Keith
KEØSYO Vic
KD7QOR Ed
KAØDJR Dick
NJØP Rick
WØSER Steve
KFØKOS Guy

10 Sep (cont)

WAØSRS Steve
WØMNA Gary
NØZZN Steven

17 Sep (8)

NBØR Brian*
KFØKBC Keith
WØSER Steven
KZØIMO Roxann
WAØSRS Steve
KAØDJR Dick
KD7QOR Ed
NJØP Rick

24 Sep (13)

NBØR Brian*
KFØKBC Keith
KEØSYO Vic
WØMNA Gary
KZØIMO Roxann
KC5VKG Doug
KØMDP Max

24 Sep (cont)

NJØP Rick
WAØSRS Steve
WØSER Steve
KD7QOR Ed
K2SCT Scott
KFØKOS Guy

(*) - Net Control Station



Wednesday PKARC Net - 147.000
Sep, 2023 Net Report

06 Sep (15)

WAØSRS ---- Steve*
AAØMV ---- Steve
K2SCT ---- Scott
WØSER ---- Steve
KFØKBC ---- Keith
NØZZN ---- Steve
KØMDP ---- Max
NJØP ---- Rick
KEØSYO ---- Vic
KAØARW ---- Jeff
KDØHOY ---- Ron
KFØLHD ---- Phil
W6BDD ---- George
KCØFD ---- Larry
NRØR ---- Mark

13 Sep (14)

WAØSRS ---- Steve*
AAØMV ---- Steve
KEØNZQ ---- Andy
KFØKBC ---- Keith
KFØLHD ---- Phil
KEØYOA ---- Austin
WØSER ---- Steve
KØMDP ---- Max
KAØARW ---- Jeff
KØAWW ---- Randy
NJØP ---- Rick
NØZZN ---- Steve
KEØSYO ---- Vic
NRØR ---- Mark

20 Sep (9)

WAØSRS ---- Steve*
KFØKBC ---- Keith
WØSER ---- Steve
KFØKOS ---- Guy
NØZZN ---- Steve
KAØARW ---- Jeff
NJØP ---- Rick
NRØR ---- Mark

27 Sep (13)

WAØSRS ---- Steve*
AAØMV ---- Steve
K2SCT ---- Scott
KØAWW ---- Randy
KFØKBC ---- Keith
NJØP ---- Rick
WØSER ---- Steve
W6BDD ---- George
KAØARW ---- Jeff
KFØLHD ---- Phil
KBØYUV ---- Cliff
NRØR ---- Mark
NØRCI ---- J.R.

(*) - Net Control Station



FYI for those who are interested. These space station SSTV events don't happen very often. They've been even less frequent lately because of equipment problems. The replacement equipment has been installed and is ready to be tested. It's a fairly short test window, but it gives our area a few decent passes today and Thursday and two excellent passes tomorrow.

Good luck!

Max - KØMDP

Digipeater Activity Update

Slow Scan Television (SSTV) hardware testing from Tuesday, October 3 to Thursday, October 5.



SSTV Impacts

Testing is to *verify performance of replacement SSTV equipment.*

Testing Tue. 14:00 UTC to Thu. 18:15 UTC
(Tue. 10 AM to Thu. 2:15 PM Eastern)

Transmissions on 145.800 MHz using the PD120 format during the test, but may not be active at all times.

ARISS SSTV gallery will be available to share images. See it at:
spaceflightsoftware.com/ARISS_SSTV/

Updates via social if needed / available.

Packet Impacts

APRS will be off-line during the SSTV test (Tue - Thu). This is because Packet and SSTV share time on the Service Module radio.

When APRS returns it will remain on 145.825 MHz.

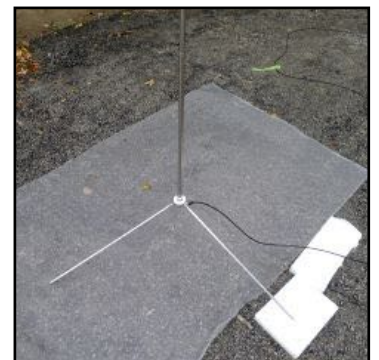


Harvey House 2023

Photos courtesy of Jeff Latz, KAØARW



ANNUAL "W" STAFF, SEATED: Kathy Baldwin, Diane Olson, Phyllis Fahren, Sandra Saha, MaryAnn Schenckler, Harriet Dickinson, Kathy Siebold, Kathy Mason
 STANDING: Editor Mark Olson, Beverly Erdworth, Christine Keroser, Deena Babin, Judy Swanson, John Schellenskiel, Kathy Mlyshak, Nancy Haffas, Jeff Latz, Cheryl Keroser, Joe Tvede, Bruce Johnson, Judi Harris, Mike Rosand, Deanna Fitzhugh



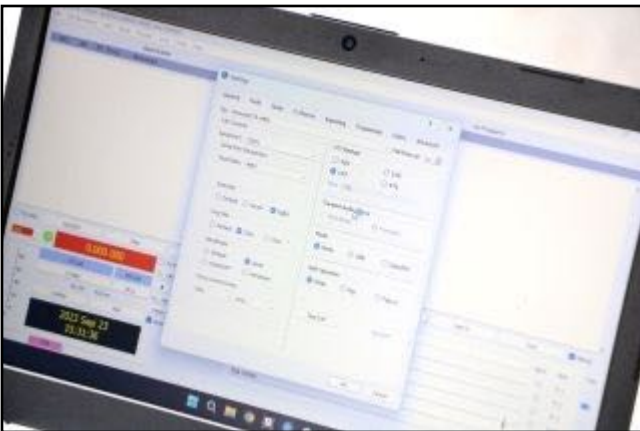
Harvey House 2023

Photos courtesy of Jeff Latz, KAØARW



Harvey House 2023

Photos courtesy of Steve Stalker, WAØSRS



Harvey House 2023

Photos courtesy of Steve Stalker, WAØSRS



Harvey House 2023
Photos courtesy of Steve Stalker, WAØSRS

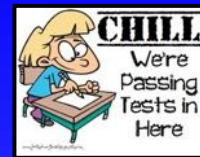


QRZ is a monthly publication of the Pilot Knob Amateur Radio Club and may be quoted in other publications provided a credit line is included and the author (if known) is given acknowledgment. Items related to amateur radio will be advertised free of charge. Articles for publication in QRZ are always welcome and willingly accepted in any form. We reserve the right to edit material as necessary. Please let the Editor know if you experience problems getting your issues of QRZ, or if it is received in a difficult to read state.

Members are encouraged to receive their QRZ via E-mail, rather than paper copy. Requests to receive the hard copy version will be honored. Your effort to reduce club expenses will be appreciated.

Comments or suggestions regarding the QRZ format are welcome and appreciated.

VE BITS



FCC examinations for the Technician, General and Extra Class licenses are available on request for anyone. The charge is \$10.00. Exams are usually given at the Thursday Morning Breakfast or prior to the regular Club Meeting, but can be scheduled for any convenient time. If you need assistance preparing for a test, please ask any Club member. The FCC requires that all amateurs have an email address. Also, if you are testing for the first time you must have an FRN. To acquire that 10-digit number you can either find "How to Register for your FRN" through Ham Radio Prep or visit the following link: <https://apps.fcc.gov/coresWeb/publicHome.do> and select register, individual and continue to fill out the form. You will receive your FRN number as soon as the form is submitted. That number will be used for all communications with the FCC. Save it!!

If you have any questions about testing, would like to schedule a test or are interested in becoming a Volunteer Examiner, please contact Martha Auchard WØERI or Gary Auchard WØMNA, at (913) 772-7350. Please leave a message if no one answers. If you are testing for General or Extra class, please bring an extra copy of your current license.

This Space for Rent (for Free)

If you have something to say, something for sale, photos to share or anything else related to Amateur Radio, PLEASE send it to the editor and we'll get it in the newsletter!