

Pilot Knob Amateur Radio Club • KSØLV • Leavenworth, Kansas • EM29 • Volume 19 - No. 8 - Aug, 2023

Welcome to the Pilot Knob Amateur Radio Club

From the President of the PKARC

In the midst of the dog days of Summer, I hope everyone is keeping reasonably cool. It has been too hot for me to venture out for POTA activations, but our intrepid volunteers braved the terrible heat last week at the Leavenworth County Fair to promote ARES, the PKARC, and amateur radio in general. Many thanks to all who turned out, and my apologies both for the short notice and lack of planning for this event. If we are invited back next year, I feel confident that we will have time to put together something really professional for this public-information and recruitment endeavor.

Our next monthly meeting is Thursday, August 3rd at 7:00 pm. Please attend, if at all possible, to discuss the upcoming Harvey House on the Air special operating event, which will take place at the Harvey House Museum on September 23rd. I suspect there may be some talk about the Simulated Emergency Test coming up in October as well.

We will also hear a presentation on audio settings from Bob Heil, as recorded for the QSO Today Virtual Ham Expo. (This event, which started during COVID, has always been packed with interesting and informative presentations, and it has now been reimagined as the QSO Today Academy, coming up on September 9th and 10th. See www.qsotodayhamexpo.com for more information and to sign up.)

This Heil presentation is really a hoot, not only for the information but for his remarkable stories from his days of touring with famous musicians, so I hope everyone can come for the presentation and discussion on good audio for ham radio.

Scott - K2SCT

MEETING INFORMATION

First Thursday of the Month
Next Meeting: 04 Aug 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 end of June and first week of July found us in the Nebraska, Wyoming, Montana and South Dakota states which gave us plenty of opportunities to do some SOTA activations on summits in those states.

The main purpose of this trip was to visit our daughter and her family that live near Helena Montana which we try to do a couple of times a year. Our summertime visit always gives us the opportunity to activate a number of SOTA summits in the states we travel through. This trip was no exception.

Our first summit activated was called Scottsbluff in western Nebraska. This is an easy drive-up summit and the view from the top is awesome. There is a nice hiking trail at the top and a rock wall we can set up a vertical antenna on. We ran into a young ham there that had gotten his tech license but had not been on the air yet. Hopefully seeing what we were doing will spark his interest in doing so.

The next summit we activated was called Strawberry Butte in Montana. We enjoy this summit as there is a small ranger cabin and fire tower at the top. You can rent this cabin to spend a night in but you have to get your request in very early as the cabin is in use almost every day during the summer months.

The next summit we activated was called Hogback Mountain Montana and was a new summit for us. The road up was a bit rough but we finally made it and set up and operated. This summit has a fire tower that is no longer used, and there are a number of commercial towers there with one ham radio repeater. You cannot reserve this fire tower to spend a night in.

A couple of days later we activated another one of our favorite summits called Granite Butte in Montana. This summit also has a fire tower on it and you can rent it to stay a night in. As in Strawberry Butte, you have to get a reservation at least six months in advance to have a chance to stay there. After we left Granite Butte, we drove over to a ghost town called Garnet Montana. Most of the original buildings are still standing and it was obvious they lived a hard but I'm sure interesting life there.

After we started home, our next stop was in the Custer South Dakota area where we have always enjoyed visiting. The first summit we activated there was called Rankin Ridge. This summit requires a half mile hike and altitude gain of several hundred feet. At the top there is another fire tower that is no longer in use. We set up right by the tower and made a number of good contacts.

A little later that morning we set up on Coolidge Mountain which is a highly visited place by tourists. We had to watch our vertical antenna as some of the visitors tended to get a bit too close for comfort to it, and we were afraid one would touch it and get an RF burn. We made the required number of contacts and shut down just to be on the safe side.

The last summit that day was called Bear Mountain and it also has a fire tower that is in active use. We set up at the base of the tower and made many contacts. Usually when the tower is manned, they allow you to come up and check things out. Always an interesting experience.

The next day we activated our last summit for this trip called Elk Mountain High Point. This summit has an active fire tower on it also and we did climb up to the top and visited with the ranger on duty. This fire tower is quite tall and narrow but the view from the top was very impressive. We actually used the tower to hold up one end of our trap dipole antenna and made a number of good contacts.

As a summary of our SOTA activities, we made a total of 133 contacts on eight summits. Twenty one of those contacts were a summit-to-summit type contact. Our farthest contact was France. We also made contact with Rick – NJ0P on 4 of those summit activations, and Steve – W0SER on one. The most interesting contact though was with David – K0AVN while he was at 25,000 feet over Wyoming. Dave now lives in North Carolina and is flying charter jets all over the country but is still maintaining his membership in the PKARC. We were able to meet up with David a few days later as he was stopping at the New Century airport in Gardner Kansas for a refueling. He's definitely enjoying his post Army job and staying active in ham radio. This trip was one of our most enjoyable SOTA activating trips and look forward to doing it again next summer. Hope to see everyone at the August PKARC meeting and our Thursday morning breakfast gatherings.

Gary Auchard - W0MNA

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 July, 2023 Net Report

6 July

No Net, ARES Drill

13 July

KAØDJR ---- Dick*
KØMDP ---- Max
KFØKBC ---- Keith
KEØSYO ---- Vic
NJØP ---- Rick
KZØIMO ---- Roxann
KEØWLM ---- Ty
WAØSRS ---- Steve

* = Net Control

20 July (8)

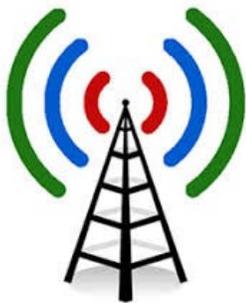
KAØDJR ---- Dick*
NJØP ---- Rick
KFØKBC ---- Keith
NØZZN ---- Steve
KAØARW ---- Jeff
WØSER ---- Steve
KZØIMO ---- Roxann
WAØSRS ---- Steve

27 July (8)

KAØDJR ---- Dick*
KEØYOA ---- Austin
KFØKBC ---- Keith
NJØP ---- Rick
KØAWW --- Randy
KEØWLM ---- Ty
NØZZN ---- Steve
KZØIMO ---- Roxann



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



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

Jul-2023	Name	02	09	16	23	30
KØAVN	Dave	Pi		Pi		
NØCS	Pete		X			
KAØDJR	Dick		X		X	X
WØERI	Martha	X	X	X	X	X
ABØGD	Gregg	X	X			
KZØIMO	Roxann		X	X		
KFØKBC	Keith	LOG	LOG	LOG	X	LOG
KFØKOS	Guy		X			
WØLYQ	Ed		X			
KD5MDA	Jan	Pi				
KØMDP	Max		Pi		Pi	
WØMNA	Gary	X	X	Pi	Pi	Pi
NJØP	Rick	X	NCS	NCS	NCS	
KD7QOR	Ed	X	X			X
KDØQXR	Bob					X
NBØR	Brian		X	X	X	X
K2SCT	Scott	Pi				
WØSER	Steve	NCS	X	X	LOG	NCS
WAØSRS	Steve	X	X	X		X
KEØSYO	Vic	X	X	X	X	X
KC5VKG	Doug		X	X	X	
NØZZN	Steve		X	X	X	

The fastest 1/2 Hour on Ham Radio!

New Officers! Congratulations to Max KØMDP and Steve WØSER who were elected President and Vice President respectively for the JARA year 2023-2024. Many thanks to Max and Steve for accepting their offices and for all they do in support of our hobby in this region. For a copy of the minutes of our Annual Meeting, send a note to nj0p@arrl.net and he'll get that to you.

Pi-Star node. Our Pi-Star node (formerly YSFBRIDGE now JARA/PI on WiresX) has become very steady after the node reconfiguration in late May. Generally, only three outside influences knock the node off the air: Spectrum, Evergy, and Microsoft. Normally, the node restarts automatically after a hit, but occasionally it needs the simple press of the **X** button. If JARA/PI is not appearing in the JARA Room, contact Vic KEØSYO who will "Press the **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	WØERI	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

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 digital communications exercise, and our own Radio Direction-Finding exercise to locate a lost person who has a hand-held radio.

Help Wanted. To support these three scenarios, we'll need a couple of liaisons to coordinate mutual aid for the simulated CCTA, a digital data communications team, and four teams to conduct the radio direction-finding portion of the exercise.

Sign Up. We have been working toward successful response to all three scenarios since SET 2022. Please mark your calendar to hold Saturday morning, October 7, 2023 for SET, let Rick know via net or email (nj0p@arri.net) that you will participate, and *let's have fun* doing what we do best!

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

02 July (6)

WØSER ---- Steve*
KD7QOR ---- Ed
KFØKBC ---- Keith
WAØSRS ---- Steve
KEØSYO ---- Vic
NJØP ---- Rick

09 July (13)

NBØR ---- Brian*
KFØKBC ---- Keith
WAØSRS ---- Steve
WØLYQ ---- Ed
KEØSYO ---- Vic
WØSER ---- Steve
NJØP ---- Rick
KØMDP ---- Max
KFØKOS ---- Guy
KD7QOR ---- Ed
KZØIMO ---- Roxann
KAØDJR ---- Dick
NØZZN ---- Steve

16 July (9)

NBØR ---- Brian*
KFØKBC ---- Keith
WØSER ---- Steve
WAØSRS ---- Steve
KZØIMO ---- Roxann
NØZZN ---- Steve
KD7QOR ---- Ed
NJØP ---- Rick
KEØSYO ---- Vic

23 July (10)

NBØR ---- Brian*
KZØIMO ---- Roxann
KFØKBC ---- Keith
NJØP ---- Rick
WØSER ---- Steven
KFØKOS ---- Guy
KAØDJR ---- Dick
KEØSYO ---- Vic
KØMDP ---- Max
WAØSRS ---- Steve

30 July (8)

NBØR ---- Brian*
WØSER ---- Steve
WAØSRS ---- Steve
KFØKBC ---- Keith
KD7QOR ---- Ed
KEØSYO ---- Vic
KAØDJR ---- Dick
KDØQXR ---- Robert

(*) - Net Control Station



Wednesday PKARC Net - 147.000
July, 2023 Net Report

05 July (15)

WAØSRS ---- Steve*
AAØMV ---- Steve
K2SCT ---- Scott
KFØGNS ---- Emily
KFØKBC ---- Keith
NØZZN ---- Steve
W6BDD ---- George
KAØARW ---- Jeff
NJØP ---- Rick
KAØDJR ---- Dick
KØMDP ---- Max
WØSER ---- Steve
KBØYUV ---- Cliff
KFØKOS ---- Guy
KEØWLM ---- Ty

12 July (16)

WAØSRS ---- Steve*
AAØMV ---- Steve
WØSER ---- Steve
K2SCT ---- Scott
KAØDJR ---- Dick
KFØKBC ---- Keith
KØMDP ---- Max
KCØMIL ---- Chris
NØZZN ---- Steve
KAØARW ---- Jeff
NJØP ---- Rick
WØMNA ---- Gary
KBØYUV ---- Cliff
KDØHOY ---- Ron
W6BDD ---- George
KEØWLM ---- Ty

19 July (12)

WAØSRS ---- Steve*
K2SCT ---- Scott
AAØMV ---- Steve
KFØKBC ---- Keith
WØSER ---- Steve
NJØP ---- Rick
WAØOFM ---- Tim
NØZZN ---- Steve
KAØARW ---- Jeff
KBØYUV ---- Cliff
KG6NS ---- John
NRØR ---- Mark

26 July (13)

WAØSRS ---- Steve*
K2SCT ---- Scott
KFØKBC ---- Keith
NØZZN ---- Steve
KBØYUV ---- Cliff
WØSER ---- Steve
NJØP ---- Rick
KAØARW ---- Jeff
KØMDP ---- Max
KCØNFS ---- Mark
NG6NS ---- John
KDØHOY ---- Ron
KEØWLM ---- Ty

(*) - Net Control
Station



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!