

Pilot Knob Amateur Radio Club • KSØLV • Leavenworth, Kansas • EM29 • Volume 19 - No. 4 - Apr, 2023

## *Welcome to the Pilot Knob Amateur Radio Club*

### From the President of the PKARC

Spring seems to have sprung on us in the last few days. There is a lot to do, with antenna checks and perhaps improving our lightning protection. There is a good bit going on in the club as well, so please note some important upcoming items.

First off, please remember that the April meeting is on the 13th, and not the 6th as normal, because of several of us having conflicts with Holy/Maundy Thursday. At this meeting, we will vote on a resolution of the corporate directors (our officers) to revise and restate the Articles of Incorporation of the club. This is necessary in order for us to qualify for 501(c)3 tax-exempt status with the IRS. Several things (non-discrimination, staying out of politics, etc.) were not necessarily required to be stated at the time our club was incorporated, and the IRS insists on them now. The restated Articles are attached for your review to the email that brings you the QRZ. Please have a look and let me know of any questions or corrections.

We also have a build session and repeater maintenance coming up, about which you can read more below.

As many of you already know, our former Vice President (and Acting President for a while) Pete Jackson (NØCS) is moving to Florida in May. Please wish him bon voyage and thank him for all he has done for the club.

We have Lewis & Clark Trail on the Air coming up right before Field Day, June 3-18, and I was on the organizers' Zoom meeting this week. They have learned a lot from last year's premier event, and it should be even better this year! They are asking us to provide 40-60 hours of operation, spread across multiple bands and in SSB, CW, and FT8 modes to facilitate as many hunters as possible being able to work all the States in the event. Please consider operating this year. It was quite enjoyable last year, with lots of exciting pile-ups. I'll tell you more at the meeting, but I will also need two or three volunteers to be admins for adjusting the operating schedule on the website as needed.

See <https://www.lctota.org/> for more information in the meantime.

Everyone have a Happy Easter!

73,

Scott - K2SCT



#### MEETING INFORMATION

**First Thursday of the Month**  
**Next Meeting: 13 Apr 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](http://www.PKARC.net)**

## From the Kickapoo QRP Operating Desk

The month of March started out with us taking a long weekend trip to the Denver Colorado area and meeting up with the Colorado association of SOTA. This group of SOTA operators, both chasers and activators, meet once a year for a nice dinner and eyeball QSO to tell war stories and meet each other. It was a very nice trip with good weather and there were 45 people showing up for the dinner. It was a lot of fun, and we met some old friends there, plus made some new friends that were just starting to get active in the SOTA fun and operating activities. I hope to hear all of them on the air in the future.

The February PKARC building session went well and several the tape measure type direction finding antennas were built as a group. All the antennas will tune in the 144-148 MHz area but can be used to direction find in frequencies near that range of frequencies. This project was done to help get ready for the ARES exercises scheduled for this year. One of the future building projects will be to build an attenuator to go along with the DF antenna. That will be scheduled in the May or June time frame.

The next building session will be held on April 20<sup>th</sup> at the Pioneer Community Church where we hold our monthly club meetings. The start time will again be 6:00 and hope to take only a couple of hours. We will be building a Balun to use with making your own EFHW type antenna. Hope to see many of you there.

By the time you read this we will have been to the annual "Ozarkcon" QRP event in Branson Missouri. We will be doing several SOTA activations while there, plus conducting a building session, attending a banquet and seminars. I'll report on that activity in the May newsletter.

**Gary Auchard - WØMNA**

## Pilot Knob Amateur Radio Club

### Meeting Minutes

March 2nd, 2023

#### **Call to Order**

The meeting of the PKARC was held on March 2nd, 2023, at Pilgrim Community Church at 500 Arch Street in Leavenworth Co. It began at 7 pm and was presided over by Vice President Keith Collier (KFØKBC), Martha Auchard (WØERI) as Treasurer and Roxann Kosmicki (KZØIMO) as Secretary.

#### **Roll Call**

Members in attendance included: Gary (WØMNA), Martha (WØERI), Alan (KBØMVT), Keith (KFØKBC), Austin (KEØYOA), Vic (KEØSYO), Roxann (KZØIMO), Jeff (KAØARW), Gary (KFØGIP), Gary (NOCALL), Max (KØMDP), Rick (NJØP), Steve (WØSER), Ed R (WBØLYQ), Guy (KFØKOS), Doug (KFØHHW) and guests Keith Kaiser (WAØTJT) and Deb Kaiser (WØDLK).

The meeting opened with Introductions.

The floor was given to the guest presenter Keith Kaiser (WAØTJT). The topic of how the use of balloons began. Some interesting history points were made on topics such as "Race to the Moon", ARDF to find your balloon after it's journey, the weight limits of the packages, how WB4APR developed APRS in the early 80's. Several stories were shared on the adventures of launching the balloons and then trying to find them. It was an engaging presentation and many questions were asked. Thanks, Keith, for your presentation.

#### **Due to the length of the presentation the following items were tabled:**

**Tabled items:** Conversation needed about Club Budget.  
Treasures Report

#### **Adjournment**

Alan motioned for adjournment. Vic seconded. No discussion. Motion carried.  
The meeting adjourned 8:45 pm.

Respectfully Submitted,  
Roxann Kosmicki, KZØIMO

#### **The following request was made of the club and was approved by Martha, WØERI**

It's that time of the year. PSEs are being planned.

I would like to request your permission to use the 147.000 repeater for the Wild West Ride which will be held on Sunday, June 11, 2023. Probably opening the net at about 0600 and I'd guess going to 1500.

Some side trivia about this event. This is the second year that Cycling KC has run it, but only the first year that they will have Ham support. They asked last year but we ran into two roadblocks. First, they only gave us four weeks notice, but more importantly, their event last year was the same weekend as ARRL Field Day.

The event will start at the WyCo Fairgrounds and run partially in Leavenworth County and partially in WyCo and NW JoCo.

This Saturday, 3/25/23 I was planning on going with one of the NCS to the fairgrounds to check for placement of the Salvation Army Comm Van (you have to see the new one... it is fantastic, a dream come true). If you go to the Ararat Hambash it will be on display.

And then we are going to go to some of last year's locations just to do some quick radio checks, no long or involved transmissions.

Thank you for your consideration for this request

73,

Ray Erlichman - KØRSE

## 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](http://www.pkarc.net)***

## **Thursday ARES Net - 147.000 Mar, 2023 Net Report**

### **09 Mar (8)**

KAØDJR ---- Dick\*  
KFØKBC ---- Keith  
NØZZN ---- Steve  
KAØARW ---- Jeff  
WAØSRS ---- Steve  
KZØIMO ---- Roxann  
KØMDP ---- Max  
KEØWLM ---- Ty

### **16 Mar (8)**

KAØDJR ---- Dick\*  
KØMDP ---- Max  
KFØKBC ---- Keith  
KZØIMO ---- Roxann  
NØZZN ---- Steve  
K2SCT ---- Scott  
WØREH ---- Richard  
WAØSRS ---- Steve

### **23 Mar (6)**

KAØDJR ---- Dick\*  
KFØKBC ---- Keith  
WAØSRS ---- Steve  
KAØARW ---- Jeff  
NØCKI ---- Robert  
NØCS ---- Pete

### **30 Mar (10)**

KAØDJR ---- Dick\*  
KØMDP ---- Max  
KZØIMO ---- Roxann  
WAØSRS ---- Steve  
KFØROB ---- Rob  
KAØARW ---- Jeff  
KFØKBC ---- Keith  
K2SCT ---- Scott  
NJØP ---- Rick  
NØCS ---- Pete

\* = Net Control

## 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: Randy Brooks – KØAWW  
Vice President: Brian Resch – NBØR  
Trustee: Rick Reichert – NJØP



### The fastest 1/2 Hour on Ham Radio!

**Sunday Training Nets.** I direct your attention to the column for March 26th in the chart to the right. We had a record 17 check-ins the evening we covered Automatic Position Reporting System (APRS) set-up and use. The appeal of Yaesu System Fusion continues to grow as we learn how to use the wide array of digital capabilities. As 2Q begins, an updated topic schedule will be posted to the JARA web site. However, **all participants are welcome to submit topics for training.** The schedule will be modified to suit.

**Spring Repeater Maintenance** has been scheduled for Thurs April 6 (9 am - noon) for indoor/preparatory work and Sat April 8 (8:30 - 11:30 am) for outdoor/antenna/tower work. We are still working to obtain or manufacture a heavy-duty stand-off mount for the new repeater receiver antenna.

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

Mar-2023	Name	05	12	19	26
KØAVN	Dave		Pi	Pi	Pi
KØAWW	Randy	X			X
KAØDJR	Dick			X	X
ABØGD	Gregg	X		X	X
KZØIMO	Roxann	X	X	NCS	X
KFØKBC	Keith	LOG	LOG	X	LOG
KFØKOS	Guy				X
WØLYQ	Ed				X
KØMDP	Max		Pi	LOG	
WØMNA	Gary		X	X	X
NJØP	Rick	EM	NCS	Pi	NCS
KD7QOR	Ed	X	X		X
KDØQXR	Bob	X			X
NBØR	Brian		X		X
KFØROB	Rob	X			
K2SCT	Scott			Pi	
WØSER	Steve	X	X		X
WAØSRS	Steve	X	X	X	X
KEØSYO	Vic	NCS	X	X	X
NØZZN	Steve	X	X	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	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



**Wednesday PKARC Net - 147.000**  
**Mar, 2023 Net Report**

**01 Mar (15)**

WAØSRS ---- Steve\*  
 KFØKBC ---- Keith  
 WØMNA ---- Gary  
 KEØNZQ ---- Andy  
 AAØMV ---- Steve  
 KBØPFH ---- Ernie  
 KDØHOY ---- Ron  
 KFØGIP ---- Gary  
 KFØLEV ---- Jed  
 NØRCI ---- J.R.  
 KAØARW ---- Jeff  
 WØSER ---- Steve  
 KFØKOS ---- Guy  
 KFØLHD ---- Phil  
 WBØNDP ---- Jim

**08 Mar (18)**

WAØSRS ---- Steve\*  
 AAØMV ---- Steve  
 KFØLHD ---- Phil  
 K2SCT ---- Scott  
 NØZZN ---- Steve  
 KFØKBC ---- Keith  
 KEØNZQ ---- Andy  
 NJØP ---- Rick  
 KAØARW ---- Jeff  
 KDØHOY ---- Ron  
 KZØIMO ---- Roxann  
 NØRCI ---- J.R.  
 W6BDD ---- George  
 KEØSYO ---- Vic  
 KFØDQA ---- Phil  
 WØSER ---- Steve  
 WØREH ---- Richard  
 KFØKOS ---- Guy

**15 Mar (20)**

WAØSRS ---- Steve\*  
 AAØMV ---- Steve  
 K2SCT ---- Scott  
 KBØYUV ---- Cliff  
 KFØKBC ---- Keith  
 KFØLHD ---- Phil  
 WBØNDP ---- Jim  
 KEØNZQ ---- Andy  
 KØMDP ---- Max  
 W6BDD ---- George  
 NJØP ---- Rick  
 NØZZN ---- Steve  
 KAØARW ---- Jeff  
 WØSER ---- Steve  
 WØREH ---- Richard  
 KFØDQA ---- Phil  
 NØRCI ---- J.R.  
 KFØBQY ---- Brian  
 NRØR ---- Mark  
 KEØSYO ---- Vic

**22 Mar (14)**

WAØSRS ---- Steve\*  
 AAØMV ---- Steve  
 KDØHOY ---- Ron  
 KFØKBC ---- Keith  
 KEØSYO ---- Vic  
 WAØOFM ---- Tim  
 KØMDP ---- Max  
 KFØKOS ---- Guy  
 NØZZN ---- Steve  
 WØSER ---- Steve  
 KFØDQA ---- Phil  
 KFØLHD ---- Phil  
 KAØARW ---- Jeff

**22 Mar (cont)**

WØREH ---- Richard

**29 Mar (20)**

WAØSRS ---- Steve\*  
 AAØMV ---- Steve  
 K2SCT ---- Scott  
 KCØTKT ---- Eric  
 KAØDJR ---- Dick  
 NØCS ---- Pete  
 KZØIMO ---- Roxann  
 KØAWW ---- Randy  
 NJØP ---- Rick  
 KEØSYO ---- Vic  
 KAØARW ---- Jeff  
 KFØLHD ---- Phil  
 W6BDD ---- George  
 WBØNDP ---- Jim  
 NØZZN ---- Steve  
 KFØKBC ---- Keith  
 KFØDQA ---- Phil  
 WØSER ---- Steve  
 KØDMT ---- Travis  
 NØRCI ---- J.R.

(\*) - Net Control  
 Station



# For Sale from Pete - NØCS

**Kenwood TS-850S - \$500.00**



**Kenwood TS-430S with AT-250 Antenna Tuner - \$400.00 for the pair**



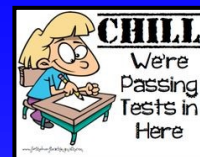
**Ham III or IV Rotator 2ea & CDE controller, 1ea \$50.00 for all**

Contact [cq-n0cs@outlook.com](mailto:cq-n0cs@outlook.com)



*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.

**Saint John  
Hospital  
Amateur  
Radio  
Club**



## Welcome to the SHARC Tank!

President - Max Pfrimmer KØMDP  
Vice President - Steve Rice WØSER  
Trustee - Roxann Kosmicki KZØIMO



**Nets** - The SHARC Tank is small. There is room for only three operators at a time (voice, data, and HF radio). However, we know that all our SHARC members want to show their willingness to support. So, we open a SHARC net when the monthly KCHEART test takes place. Everyone is welcome to check on the 147.000 + 151.4Hz repeater and KCHEART participants will get credit for being in the building.



**Teams** - Roxann established four teams to cover KCHEART participation from Saint John Hospital and Providence Medical Center on a rotating basis. This allows us to share the load and give everyone more exposure to operating the SHARC Tank. For the team make-up and schedule see: <https://ks-lv-ares.signaleer.us/training/kcheart>



**Training** - Every KCHEART participant is requested to watch the training videos and then take a short test to validate you understood what you saw. The videos and tests are posted to our web site: <https://ks-lv-ares.signaleer.us/training/kcheart/kcheart-training-program>