



S.P.A.R.K.

Sedalia Pettis Amateur Radio Klub

March 2023 ISSUE
No. 14



NEWSLETTER

Co-Editors
Connie Koch (WAØQCJ)
Brooks Baker (KAØJWA)

The latest news, views, and announcements in Sedalia's HAM Radio
Community

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By Connie Koch
(WAØQCJ)



EDITOR'S MOMENT

Greetings SPARK Members!

How about that Storm Spotter Training on March 2nd? Hope you were able to attend! Training opportunities and workshops are stacking up for the coming year! **Plan to attend immediately after monthly meetings!**

March – Yaesu Fusion 101 Workshop

April – APRS (Automatic Packet Reporting System) Workshop

May – Pi-Star Hotspot Workshop

June - Vara Software for digital modes (VaraFM, VaraChat, VaraHF, and VaraC).

Connie (WAØQCJ)

WORD FROM OUR PRESIDENT

Hello SPARK,

Spring is almost here! I am very grateful we have had a pretty mild winter and I am looking forward to getting back to Sedalia full time to rag chew with each and every one of you on the air!

With spring in our sites, this means it is time to get rolling on our club activities and of course our biggie Field Day 2023. So be thinking about our events and how you can help. That is what makes us so great, You Show Up, and You Help! If you know someone that would make a good HAM operator, please get them signed up for our club's technician class that kicks off this month. We have several folks already signed up and it is looking like it is going to be an outstanding learning environment for a new HAM to grasp the ham radio concepts. It will also ensure they are prepared for the test session next month. Please recruit, recruit, recruit!!

I am looking forward to seeing EVERYONE at the meeting March 4th!

Stay Radio Active!

Bret (WØVK)

Next Meeting – March 4th at 8:30 AM at Pettis County EOC
Located at 1511 N. Ohio

NETS AND FREQUENCIES

2 Meter Net – Sunday at 7:30 PM – 147.03 repeater – offset 179.9pl

75 Meter Round Table – Sunday at 9:30 AM – 3950 (3813 other times) operator Paul (KØETL)

2 Meter Net – Tuesday at 7:00 PM – Rag Chew net operator Dennis (KYØP) 2 Meter repeater 147.03 – offset 179.9pl

6 Meter Net – Tuesday at 8:00 PM – 53.11 repeater – 1.7 offset 127pl

Simplex Net – Wednesday at 8 PM – 147.575 operator Paul (KØETL)

220 Sedalia Rag Chew Net – Wednesday at 8:30 – 224.440 – 107.3pl

Live Streams 147.03 and 224.44 repeaters on broadcastify.com

HAMFEST CALENDAR 2023

These Are The HamFests Currently Posted – More To Follow
de – Brooks (KAØJWA)

03/11/2023 - Boonville Amateur Radio Club Annual Hamfest

Location: Lone Elm, MO

Sponsor: Boonville Amateur Radio Club

Website: <http://w0brc.org>

04/15/2023 - Ararat Shrine Hambash 2023

Location: Kansas City, MO

Sponsor: Ararat Shrine Amateur Radio Club

Website: <http://hambash.us>

07/15/2023 - Hamfest 2023

Location: Johnson County Fairgrounds Warrensburg, MO

Sponsor: WAARCI

08/13/2023 - SCARC Hamfest

Location: Elks Lodge- O'Fallon, MO

Sponsor - St. Charles Amateur Radio

10/14/2023 – SPARKFEST

Location – Our Savior Lutheran Church – 3700 W. Broadway – Sedalia, MO

Sponsor – SPARK

BOONVILLE AMATEUR RADIO CLUB HAMFEST BOONVILLE, MO 3/11/2023



Outgrew previous location, so a new larger location just South of Boonville:
ZION LUTHERAN CHURCH – ACTIVITIES BUILDING

9171 B Highway, Lone Elm, MO 65237

BREAKFAST AVAILABLE!

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ANTENNA**

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Antenna**



DOOR PRIZES!!

COMMERCIAL AND PRIVATE VENDORS

50/50 DRAWING

DOOR PRIZES!!

TAILGATING

TABLES: \$10.00 RENTAL - DISCOUNT FOR MULTIPLE TABLES

MARCH 11, 2023 8:00 AM – 1:00 PM

Watch for updates on our website: W0BRC.org and Facebook.

For table rental contact: Tom, WAØE, wa0e@arrl.net or call 660-841-5287

Dwight, NØQOK, dmeyer009@hotmail.com or 660-621-1265

...AND MARK THAT CALENDAR FOR APRIL 15th!!!



HAMBASH 2023

Sanctioned by ARRL
Ararat Shrine
5100 Ararat Drive Kansas City, MO. 64129
www.Hambash.us

SATURDAY, April 15th, 2023

Featuring: Flea Market, ARRL Seminar, MESH, QRP Emergency Service Vehicles on display. ATM Available	PRIZES: Grand Prize Drawing 12:00 PM Raffles Throughout Morning
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Talk-in 145.13 (Minus Offset, Tone 151.4)

RAFFLE TICKETS: AT DOOR: \$5.00 EACH IN ADVANCE: 3 FOR \$10.00

Set up 6:00 a.m. Close 1:00 p.m. Open to public at 8:00 a.m. FREE Parking Handicapped Accessible Security Officers on Duty	Commercial Exhibitors Traders Area Breakfast and Lunch Seminars all day Testing by W5YI http://arrl.com/what-to-bring-to-an-exam-session	8-foot Trader's Tables Advance Trader Tables: \$15.00 (At the Door \$20.00) Three tickets per order. Limited Electricity Available Commercial Tables \$25.00
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www.Hambash.us

Direct email inquiries to Event@Hambash.us



Proceeds from this event are for the benefit of Ararat Shrine and its activities. Contributions are not tax-deductible charitable contributions.

NEWBIES! YOU ASKED FOR IT...YOU GOT IT
HERE'S YOUR TICKET TO TALK!!!
de - Daren Nerad (KDØOPS)



S.P.A.R.K.
SEDALIA PETTIS AMATEUR RADIO KLUB



PRESENTS:



Technician Class HAM 101



A free service provided by the local
area radio club community by local
Ham and radio enthusiasts

MARCH 11TH & 25TH • 8 AM TO 4 PM

ADDRESS:

**SEDALIA PETTIS COUNTY EMA BUILDING
1511 N OHIO AVE, SEDALIA, MO 65301**

FOR TESTING ON APRIL 1

**(AFTER CLUB MEETING @ 10:30 - 15\$ FEE FOR
TEST (CASH ONLY)**

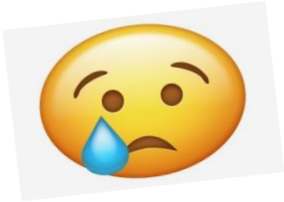
**(FCC FEE TO BE PAID SEPARATELY AFTER SUCESSFULL
TEST COMPLETION - 35\$ FEE PAID ONLINE TO FCC)**

A two-day event featuring a walk-thru of the technician
questions and answers with key talking points. For sign up
please contact Daren Nerad - KDØOPS@ARRL.NET (Ø = "0"
zero). More info on our web site WAØSDO.org or Facebook
page search S.P.A.R.K





IN THE SPOTLIGHT



Sorry... not this month



March Birthdays

Amber Nerad (KEØQYL) 9th

Scott Anderson (KJ4MFW) 11th

Dennis Henderson (KYØP) 18th



WHO'ZIT?

I first became interested in radio with the CB radio in the 70's. I got my first job at 10 years old. I delivered 100 newspapers, 6 days a week, on my bicycle. I learned to shift a manual transmission on an Allis-Chalmers tractor. I spent many summers doing farm work, but didn't grow up on a farm. I've traveled most of the lower 48 states, been to Mexico and Canada, and been to all the countries in Europe, and half the countries in Africa. I've been told I have the perfect face for radio. I love the many things Missouri has to offer and enjoy spending my time outside if I'm not playing on the radio. No one correctly identified our February Victim as **Joel Klonowski (KEØWJX)** so he is the winner of the tasty (and occasionally coveted) pan of brownies!

WHO'ZIT? March Victim

As a consultant, I found myself often traveling on business. One project included a trip to Europe where I was able to spend a weekend in London. Already tired from jet lag and a couple of long days of work, I didn't want to waste my time catching up on sleep in the hotel. More interested in technology than art or music, I went on a self-directed walking tour of the HMS Belfast, a famous British WWII battleship converted into a museum. I was by myself so I could go thru at my own pace.

Suddenly, I found myself flanked on both sides by two large and heavily armed soldiers with automatic weapons. "Who are you, and how did you get here!" they demanded. I had somehow taken a wrong turn and was standing at a rocket launcher of an active duty ship docked next to the Belfast. I was politely escorted off and returned to the museum tour route. *Modern Weapon and Nuclear Signage!!!* It didn't register till later that I should have known something was out of place for a WWII ship!

So, which unassuming SPARK club member do you think would be able to dress like a tourist and innocently wander unnoticed into the secure area of a military facility?

Who am I?

Contact or e-mail me at: Connie.Koch@att.net

SEVERE WEATHER PREPAREDNESS WEEK

Erin Matheny <mathenye@pettisco.com>

To: Weather Watchers

Wed, Mar 1 at 4:55 PM

Good Afternoon Everyone,

I wanted to let you all know that next week, **March 6-10**, will be the Severe Weather Preparedness Week. The NWS has set up an agenda for each day that covers one of the most likely severe weather hazards for our area.

Monday - Preparedness

Tuesday - Tornadoes (Statewide tornado drill will happen at 10:00 AM)

Wednesday - Lightning

Thursday - Wind & Hail

Friday - Flooding

If you would like to learn more about the agenda and what the NWS has developed for the Severe Weather Preparedness Week, please take a look at the

link <https://www.weather.gov/eax/2023SevereWeatherPreparednessWeek>

The monthly outdoor warning siren test will be conducted on Tuesday, March 7, 2023, at 10:00 AM in coordination with the statewide tornado drill. We encourage all businesses, schools, and households to participate in the drill.

If you have any questions about the upcoming week or statewide tornado drill, please call the office or email me. I hope you all have a great evening!

V/R,

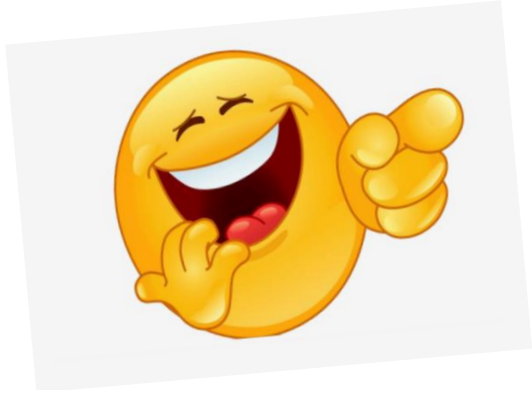
Erin Matheny

Sedalia-Pettis County EMA – Deputy Director – Phone: 660-827-4000 Ext. 318



Welcome Friends

We were pleased to welcome these guests to our February meeting!
Heather Slagle, Charity Wight, Amber Pena, Fred Pena, and Cary Altman (KBØHV) Hope to see you in March!



“Doesn’t it just put a smile on your face when you help someone better themselves?”



Seriously...Robert (KC1PRP) What’s wrong with this picture???? *PURSE? vs SHOES?*



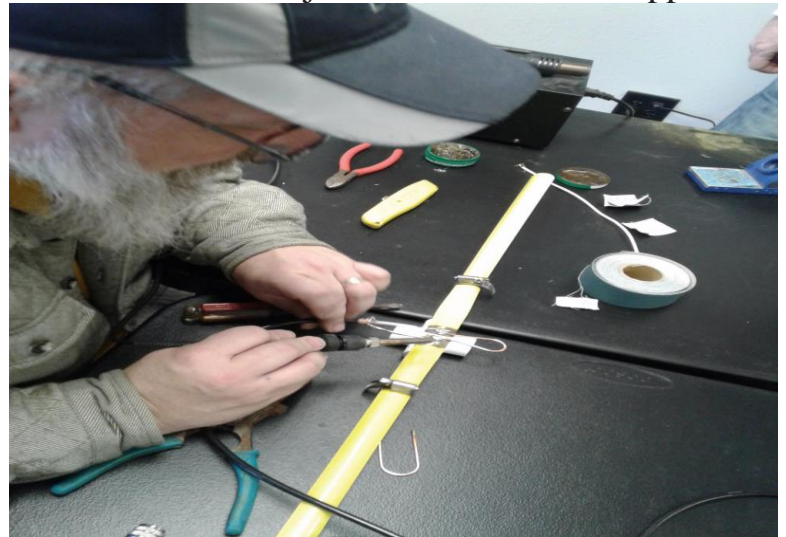
TECH TALK

ANTENNAS 101 DWAYNE KB9TQJ

THE YAGI TAPE MEASURE ANTENNA WORKSHOP

One of the most fun amateur antenna projects is a PVC measuring tape antenna. The flexible measuring tapes make it easy to transport, and the PVC comes apart to make it even easier to ca This type of antenna works well for direction finding in games like a **fox hunt** (for locating) or when you need just a little more gain to hit the repeater. This antenna is designed for two-meter operations

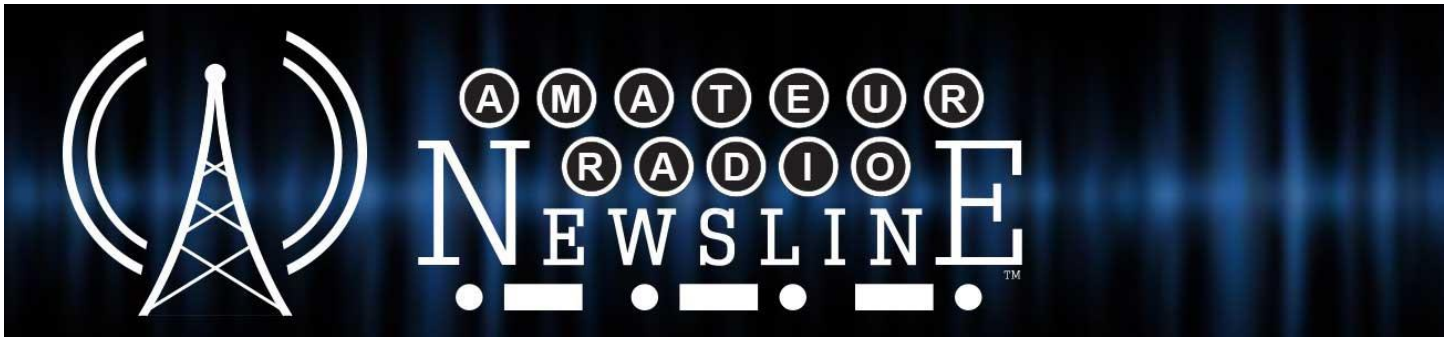
which for a newbie ham operator (or Klub full of dedicated antenna crafters) is one of the bands available under the Technician license in the US. Plus it's easy to build and gives a great opportunity to teach several subjects with a hands-on approach.





HOW FOX HUNTING WORKS

The simplest fox hunts happen on foot with only one fox transmitter. One participant hides the “fox,” which is a small radio transmitter. The fox emits some sort of audible tone every few seconds. The fox hider stays at the base while the hunters tune into the fox’s frequency and walk around listening for the tone. The first hunter to find the fox wins that round.



Grants to Amateur Radio Organizations



The ARRL Foundation grants program awards limited funding to organizations for eligible amateur radio related projects and initiatives, particularly those with a focus on educating, licensing, and supporting Amateur Radio activities. Youth-based projects and initiatives are especially encouraged. The ARRL Foundation grants program accepts proposals on a cyclical model three times a year.

Grant proposals are accepted from:

- February 1 - February 28 (closed)
- June 1 - June 30
- October 1 - October 31

All proposals will be reviewed by the Grant Committee at the close of each cycle. Once the Committee agrees on the proposals to fund, they will be sent to the full Foundation Board for a formal vote. Awardees will be notified approximately one month after the closing of each cycle.

Eligibility and Guidelines

- Grant requests for emergency communications equipment, facilities, or projects will not be considered.
- Grant requests for ongoing operations or expenses will not be considered.
- Only programs and initiatives conducted within the United States are eligible for consideration.
- Proposals for projects with a high likelihood of sustainability or expansion are encouraged and preferred.
- Proposals for projects with demonstrated support of the local amateur radio community or clubs are encouraged and preferred.
- Grants are awarded only to organizations, not individuals.
- Awarded grants generally do not exceed \$3,000.
- The ARRL Foundation may elect to fund a qualified proposal in its entirety or partially at its sole discretion.
- It is rare for the ARRL Foundation to award an extension to a previously issued grant.
- The ARRL Foundation does not wish to be the sole funder of a proposal and gives preference to groups that provide evidence of other successful fundraising conducted prior to proposal submission.
- [Follow this link to view a grant application form example.](#)

[Follow this link to Apply for a Grant.](#)

ARRL Foundation grants are awarded from its General Fund or one of the following special sources :**Victor C. Clark Youth Incentive Fund; CW Operators Educational Fund; The Alfred E. Friend, Jr., W4CF Educational Activities Fund**

Questions regarding grant proposals, eligibility, or contributions to the ARRL Foundation may be directed by email to foundation@arrl.org.

IN THE SPOTLIGHT INSIGHT

I shall continue to post the Newsletter Personality Questions which will put YOU in the SPOTLIGHT for a future issue of SPARK newsletter! Choose any 5 (or more!) questions you'd like to answer and e-mail to: Connie.Koch@att.net. You've seen responses from Don (KFØARQ), Doc (W3MEB) , Steve (WAØWUY) , Renda (KBØUVW) , Dennis (KYØP) and Scott (KJ4MWF) and others! What interesting life experiences they have had! We want to hear about YOURS too!

Personality Questionnaire

How did you get involved in HAM Radio and how long have you been a Ham?

What's your favorite way to spend a day off?

What's next on your bucket list?

What's your favorite TV show(s)?

What are your favorite pastimes or hobbies in addition to HAM Radio?

What's a funny joke you'd like to share?

What's your most prized possession and why?

What's the first thing you'd do if you won the lottery?

What's something few people know about you?

What cause(s) are you passionate about?

What possession or item would you NOT want to live without?

What's the best gift you ever received?

What's the worst gift you ever received?

Is there one job you'd never want to do?

What's a favorite job you'd like to do?

Who inspires you?

What's your favorite thing about your job OR retirement?

What makes you most happy?

Who has made a great impact on your life and why?

How do you like spending time with family or friends?

What's your favorite food (besides Connie's brownies? :-)

What's a favorite family memory?

What's your nickname (other than your HAM call)?

What's been your favorite vacation ever?

What equipment would be in your 'Dream' HAM Shack?

Do you volunteer? If so, where and why do you enjoy it?

Who do you admire most in the world?

Do you live by any words of wisdom? Please share them.

What is your definition of success?

What famous person, would you like to spend a day with and why?

If a genie gave you three wishes what would they be?

Do you have any special or unusual skills?

What's your favorite story about yourself?

SIGNING OFF WITH BROOKS (KAØJWA)

Did The Air Force Shoot Down A Ham Radio Club's Balloon?

By Ham Radio Prep

- **Published on** February 17, 2023

A balloon launched by an Illinois ham radio club might have been the balloon shot down over Canada recently by U.S. Air Force fighter jets.



The balloon was launched in October 2022 by the Northern Illinois Bottlecap Balloon Brigade and was on its seventh trip around the world when it disappeared from tracking about the same time an Air Force F-22 shot down a balloon over the Yukon Territory in Canada on Feb. 11.

The amateur radio pico balloon, heard on the air around the world as K9YO-15, carried a tiny payload that included a low-power transmitter on the HF bands that allowed hams to hear signals during the flight and to track it via the WSPR (Weak Signal Propagation Reporter) digital mode and on APRS on VHF and UHF for more localized reception reports. The type of balloons used for this flight rise as high as 43,000 feet in the sky with their 11-gram tethered trackers.

At any given time, there are dozens of these ham radio balloons aloft over the world, relaying signals for hams to track as they fly from continent to continent. They typically make several trips around the world before failing or malfunctioning. Few teams recover the balloons they launch when they drop from the sky in remote places or oceans.

(Ed. Just goes to show you why we can't have nice things!) (Hi Hi !)



**The brownies I started baking in my Easy-Bake Oven
in 1979 are ready if you guys want one! (Hi Hi QCJ)**

QRT FOR NOW! de WAØQCJ es KAØJWA

