



S.P.A.R.K.

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ISSUE No. 31

Sedalia Pettis Amateur Radio Klub



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

Does this sound
just a *bit* too
familiar?
Hi Hi!



FOXNEWS.COM

On this day in history, Dec. 12, 1901, Guglielmo Marconi sends first transatlantic radio message

Translation:
"...about your car's extended warranty..."

imgflip.com

WORD FROM OUR PRESIDENT

SPARK!

As we head in to August keep an eye on the repeater, this time of year we usually have some visitors that are camping at the Missouri State Fair and ID on our Club Repeater. I have personally driven my car to a couple different HAMs and handed them a QSL card on the spot and this usually goes along with a nice conversation, so please make sure we welcome and new folks that take the time to ID on our repeater, it might just be a new friend you make.

Brian WE3MAY sure headed up another awesome POTA event at Bothwell State Park this last weekend and really smashed the contacts for such a short amount of time. So, thank you to Brian and ALL of you folks that made time to gather for some good ol' Ham Fellowship!

I am looking forward to seeing you all at the club meeting August 3rd!

-Bret W0VK

(ed: note) Great inclusion regarding the State Fair, Bret! Last year I also worked a young Ham at the MSF Firehouse several times. I made an on-site visit and QSL'd him with a pan of *well.....you know!* H Hi

WORKSHOPS

Stay tuned for upcoming workshops!

Next Meeting – August 3rd at 8:30 AM at Pettis County

EOC

1511 N Ohio St.

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 7:30 PM – Rag Chew net operator Joel (KEØWJX) 2 Meter repeater 147.03 – offset 179.9pl

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 2024

de – Brooks (KAØJWA)

08/11/2024 – SCARC Hamfest – O’Fallon, Mo.

08/24/2024 – Joplin ARC Hamfest – Web City, Mo.

10/12/2024 – SPARKFEST – Sedalia, Mo.

10/26/2024 – Raytown Club Hamfest – Raytown, Mo.

11/09/2024 - NARCFest 2024 - Nixa, Missouri



**NIXA AMATEUR
Radio Club**
NARCFest 2024
In Honor of Bob Heil K9EID
Gold Sponsor



2nd Prize PR77DP Microphone
*Thanks to Heil Ham Radio we will be
giving away Bob's favorite Microphone
in his favorite Color.*

Saturday, November 9
Victory Baptist Church
252 N Nicholas Rd, Nixa, MO 65714.
All Prizes Except the Grand Prize must be present for the drawing.

This Notice Courtesy of Kenny (WBØVPS)

The Nixa ARC Hamfest has moved to a new, larger location for 2024! Last year's Hamfest was packed and we had more tables we could have sold. This year we've increased our size by 30%!

We're inviting you to join us on Saturday, November 9, 2024 at the Victory Baptist Church located at 252 N Nicholas Rd in Nixa, MO - just a couple miles

from last year's location. Doors open at 8:00 a.m. with the main entry on the South side of the Church. This year's location not only boasts a larger facility, but also classrooms for presentations and testing and a separate large area for sitting and eating or visiting for those wanting to take a break from walking around to visit with friends.

Remember: The Nixa ARC Hamfest is used to raise funds to support the Southwest Missouri Linked Repeater System of which the Nixa ARC is a founding partner. In 2024, we were able to add a new repeater in Golden City, MO to help cover the Joplin, Barton County and other areas out into Kansas and Oklahoma much better. This repeater is linked to the SMLRS 100% of the time and can be accessed on 146.790-, PL 91.5 Hz. This repeater was made possible by funds from past successful Hamfests and we thank everyone that's been involved. This fall, we have plans to completely overhaul the 147.015+ PL 162.2 Hz Springfield East repeater and it should be ready to show off by this year's Hamfest. We have aspirations to greatly improve our Branson 146.655- PL 91.5 Hz repeater if we can raise the funds this year but we need almost \$14,000 to make the new site a reality.

This year we've invited Fatty's food truck back for breakfast and lunch - if you didn't have it last year, you'll have to give it a shot this year.

Like everyone, we've had quite an increase in expenses for this year's Hamfest. However, we've decided to keep prices the same this year. Tables will still be \$10 and entry will also be \$10 - you will get (2) prize tickets with your regular entry. We will again be offering the superticket for \$20 which will give you 20 prize chances. There is one big change to this year's Hamfest - you do NOT have to present to win this year's phenomenal prize - a Yaesu FT-710AESS sponsored by the Nixa ARC! So, if you don't live in the area or you just cannot make the Hamfest, you can still purchase a superticket and give yourself a chance to win the grand prize and support the SMLRS! All other prizes, including the esteemed purple Heil microphone which was Bob Heil's favorite microphone, will require you to be present to win. You can check out the most up to date Hamfest flyer at the link below:

<https://smlrs.info/wp-content/uploads/2024/06/narcfest-2024-2.pdf>

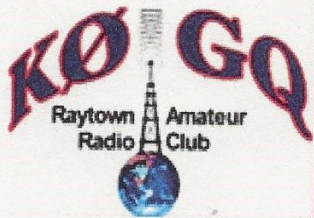
Raytown Club 2024 Hamfest

www.K0GQ.com

Saturday October 26, 2024 – 8:00 AM – 1:00 PM

Location

Good Shepherd Community of Christ
4341 Blue Ridge Blvd
Kansas City, MO 64133



TALK IN
145.17 PL: 151.4

- ❖ Friday the 25, 6:30 PM-8PM – Vendor Setup
- ❖ Saturday 7 AM to 8AM – Vendor Setup
- ❖ Doors open to the public at 8:00 A.M.
- ❖ V.E. Testing at 8:00 AM to 9:30 A.M.
- ❖ Presentations:
 - 8:30 AM To be determined
 - 9:30 AM To be determined
 - 10:30 AM To be determined
- ❖ Door prizes
 - Vendor Donation Prizes
 - 11:00 AM – 2nd Prize: To be determined
 - 12:00 PM – 1st Prize : To be determined

TICKETS

RAFFLE TICKETS AT THE DOOR WILL COST \$5 FOR 3, & \$10 FOR 8

ADVANCED RAFFLE TICKETS: \$5 FOR 4, & \$10 FOR 10
Order on line at k0gq.com

TABLES

ADVANCE FLEA MARKET TABLES: \$15 PER TABLE
Order on Line at K0GQ.com

AT THE DOOR TABLES \$20 FOR THE FIRST TABLE: _____

VENDOR'S D&L

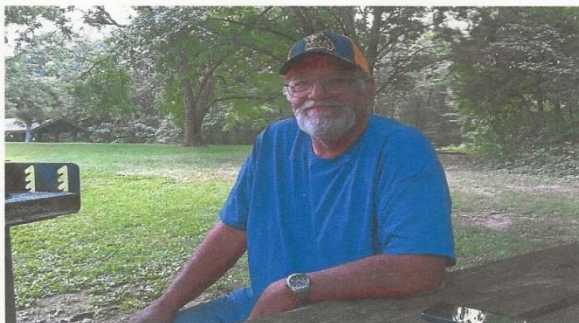
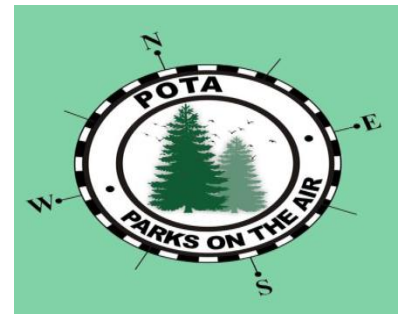
CHOP SHOP (EMBROIDERY)

JULY POTA – BOTHWELL STATE PARK

7-27-24

We ended up with exactly 50 SSB QSOs on 20m that I could get in the log. Not bad for that little 20w radio! As well, Don (KF0ARQ) was able to pull us in 10 FT8 QSOs too! A huge success if I do say so myself! I had a good time sharing fellowship with you all and enjoying some delicious treats.

73! Brian (WE3MA)



July 13th Monthly Ham Meeting...Harry (KØTV) Our Man In Charge!
Courtesy of Ron (KFØITC)



Harry proved to be our Klub pro at multi-tasking! He served as President, Vice-President, and Treasurer for the July 13th meeting...as well as fulfilling his duties as Secretary. Sometimes you just gotta' step it up and Harry did just that !

NEIGHBORHOOD CLUBS NEWS UPDATE

de – Ryan Anderson (KFØHYP)

Marshall – Saline County ARES Club Events:

**Every Monday @ 7:30 PM – 2-Meter Repeater Net – 147.165MHz
w/ positive offset and tone 127.3**

2nd Tuesday @ 6:00 PM - Club Meeting

Aug. 24th - Fitness 5K (7:30 A.M.) Communication Support

**September 14th - Marshall Cross-Fit Games (8:00 AM)
Communication Support**





WARRENSBURG HAMFEST – JULY 20TH

Hams from surrounding counties attended the Hamfest including an appreciable number from our own klub. Clubs know they can always count on us to support their events as they support ours. The Fest was well planned and breakfast delicious as usual. Thanks for a great event Warrensburg!

...BUT THERE'S MORE!!!!!!

Probably **NOBODY** had a better time at the HamFest than our own Renda (KBØUVW) and Mark (NØOWZ) !



Mark won grand prize (1st prize) Icom IC-2730A dual band transceiver with a bioenno power LiFePO4 battery/solar panel power pack with charging adapter \$500.00 value. Renda 2nd place prize was a bioenno power LiFePO4 battery/solar panel power pack with charging adapter and Tigertronics signal link USB modem \$350.00 value.







SPARK! GET USED TO THE LOOKS OF THIS FLIER! IT'S ALMOST HERE!

SHARE ON THE AIR, PRINT IT, POST IT!

Kudos to Daren (KDØOPS) for this Most Creative Design!

Sedalia Pettis Amateur Radio Klub



RADIO GEAR SHOW, SWAP AND SELL

Tailgate Spaces and Picnic Tables in the Shelter House (directly off the main sales floor) are available for only \$10 each. Tables inside \$15 each



EVENT HIGHLIGHTS

Admission:

Admission is just \$10 (includes 1 raffle ticket)

Testing:

ARRL VE testing session starts at 10 AM \$15 fee, FRN, and proof of ID are required per guidelines. FCC 35\$ is collected by FCC at registered email address

Delicious Food

Food and Drink will be available for purchase

Raffle

1 Raffle ticket will be included with the admission purchase. Additional tickets will be available for purchase at a chance to win fantastic prizes.



Contact Us



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More Information



www.wa0sdo.org
<https://www.facebook.com/WA0SDO>



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RETCVIS

YAESU

8 AM - 12 PM
SATURDAY
12
OCTOBER

**OUR SAVIOR
LUTHERAN
CHURCH**

3700 WEST BROADWAY
SEDALIA, MO 65301

(ACROSS FROM LOWE'S)

Talk-in Available on:
147.030 (uplink 146.43000) w/ tone of 179.9

CENTRAL MISSOURI'S LARGEST HAMFEST



Ham Radio During Hurricane Season

07/26/2024

by Sierra Harrop, W5DX

[ARRL The National Association for Amateur Radio®](#) encourages all amateur stations to prepare for what the [National Hurricane Center](#) (NHC) has predicted will be a [busy hurricane season](#). In addition to readying equipment to function during and after a storm's impact, local [Amateur Radio Emergency Service® \(ARES®\)](#) nets are encouraged to participate in hurricane reporting and relief nets.

Stations do not need to be in a coastal zone to participate –propagation often shifts well inland, meaning ham radio operators throughout the continent can serve in times of need. “Monitoring and relaying traffic is a way to help with the nets and get real time information to the NHC, where it can be shared with NWS, FEMA, and other emergency response organizations to aid in a more rapid response and recovery,” said ARRL Director of Emergency Management Josh Johnston, KE5MHV. Amateur radio plays a critical role in the warning and recovery process of hurricanes. From providing surface observations which give forecasters at the National Hurricane Center ground truth, to providing communications when infrastructure is damaged, ham radio is as vital as ever.

The Nets

There is a robust ecosystem of communications networks that all work in tandem to provide coverage anytime a named storm is within a few hundred miles of land. These separate, but partner, volunteer organizations serve much of the Western Hemisphere on many different bands and modes.

Much of the focus is to get information to and from the National Hurricane Center in Miami, Florida. Hurricane specialists rely on having an [amateur radio station at the center](#), [WX4NHC](#). Julio Ripoll, WD4R, is the Amateur Radio Assistant Coordinator for the station. “These surface reports can be weather data or eyewitness reports (or heard on local VHF/UHF) are very valuable to the hurricane specialists at NHC, as they fill in gaps of data that they may not have from other means, such as government weather stations, satellites, Hurricane Hunter aircraft, etc.,” explained Ripoll. The NHC would like more hams to provide information if they are in an affected area. There are many ways to do it. The simplest is over high frequency (HF) amateur radio bands. There, you'll find a dedicated team running the [Hurricane Watch Net](#). The net, which uses 14.325 MHz and 7.268 MHz, depending on

propagation, is usually active any time a hurricane is within 300 statute miles of a populated landmass, or at the request of NHC.

“We are strategically dispersed across North America, throughout the Caribbean Islands, Central America, and the northern coast of South America, so that we can provide a continuous path of communications from storm-affected areas,” said Bobby Graves, KB5HAV, Hurricane Watch Net Manager. The net has members who speak many of the languages in the hurricane zones, including English and Spanish.

Information to and From

The HWN is a two-way street of information, while the reports coming in are critical to forecasters – information *from* the NHC is even more important to people in the path of the storm. Weather information is relayed in real time from the NHC throughout the network, as well.

In addition to the weather information and reporting, the HWN assists the Salvation Army’s SATERN Net with outgoing health and welfare traffic from the affected areas – messages sent via ham radio from those being impacted by the storm.

WX4NHC also receives reports via Winlink email over amateur radio via the address wx4nhc@winlink.org. The email subject line must start with //WL2K. There is a webform on the WX4NHC web site to provide information as well.

Voice over Internet Protocol and Digital Voice Modes

For those without HF capabilities, or who may have their antennas unavailable during the storms, the [VoIP Hurricane Net](#) provides a parallel capability using modern digital technologies. VoIP Hurricane Net manager Rob Macedo, KD1CY, says the scope of this net gives a big picture look at what’s happening. “Our net gathers reports from amateur radio nets and amateur radio operators at the local, state and regional level that connect directly or liaison to our net on *WX_TALK* Echolink conference node: 7203/IRLP 9219 reflector. The connections to our net can include other VoIP modes such as Fusion, All-Star, Hamshack Hotline, certain types of DMR among other VoIP modes via the KC5FM, AUXCOMM and Sunflower systems,” he said. The VoIP Hurricane Net also provides observations from social media monitoring.

More Participation Needed

With the robust systems in place to handle traffic, organizers encourage radio amateurs in the path of these storms participate in the nets. “We encourage all who are in the path of a landfalling hurricane to join us and share your local observed weather information. No matter how insignificant you may feel your data may be, it is very important to the forecasters at the National Hurricane Center,” said Graves.

“Sometimes, ham radio reports are the only reports received from the islands or sparsely populated areas,” said Ripoll. Michael Brennan, Director of the National Hurricane Center, added, “The NHC ham radio network has played a crucial role for more than 40 years in providing real-time information during tropical storms and hurricanes. The information provided by ham radio is incredibly helpful to NHC's hurricane specialists as it provides on-the-ground data during an event and offers a valuable option to maintain communications in situations where traditional communication methods can fail or become unavailable.”

SIGNING OFF WITH BROOKS - (KAØJWA)



**Friends,
In this day and age, the amateur bands are always under attack. Be it from business concerns looking for more spectrum space, shortwave broadcasters on the HF bands or even bootleggers operating within our own allocated frequencies. How often have you scanned the low bands to find very few stations heard? I know some repeaters in more populated areas are fairly active, but they are the exception to the rule. Most repeaters nationwide remain quiet with little**

or no use. The point is, if we don't use our privileges, we will lose them. Turn on your radio and make a contact. This doesn't mean you have to be on the air 24 hours a day, just make an extra call now and then to foster new activity. No one knows you're there if you don't make some noise! If you know of someone with interest in Ham Radio, encourage them to the best of your ability. Send them our way and we'll be happy to help them work towards their license. SHARE OUR FUN WITH EVERYONE!!!

73 de – (KAØJWA)



QRT FOR NOW! de WAØQCJ es KAØJWA

