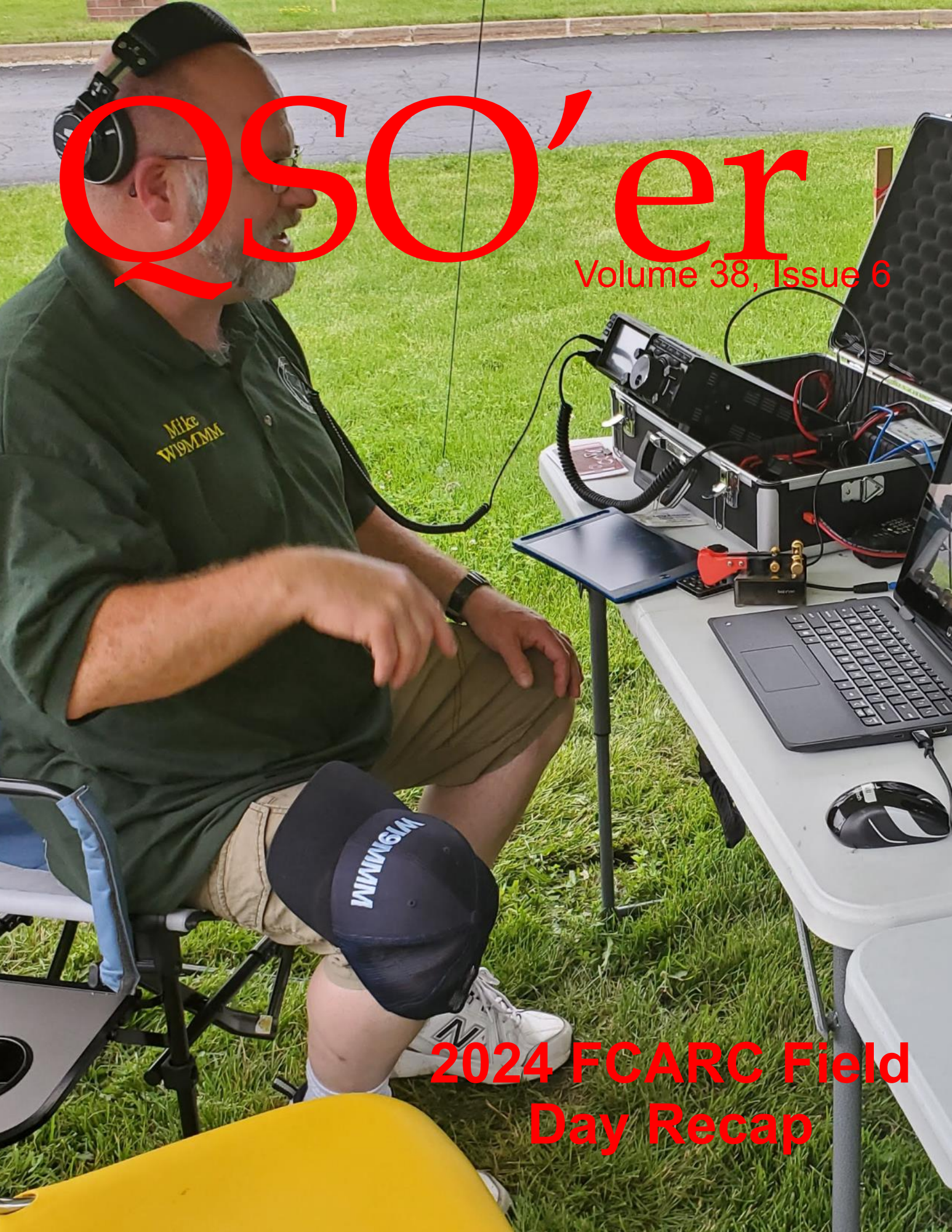

QSO'er

Volume 38, Issue 6

2024 FCARC Field Day Recap

QSO'er
July 2024 | Volume 38 Issue 6

FEATURES

July General Membership Meeting Minutes (page 5)
If you were not able to attend the July meeting, review what happened as outlined in the meeting minutes.

2024 FCARC Corn Roast Announcement (page 8)
Mark your calendars for the annual FCARC picnic and corn roast. Details on the event are inside.

Field Day 2024 Recap In Photos (page 9)
Photos of Field Day 2024 are courtesy of Dan Vanevenhoven (N9LVS).

IN EVERY ISSUE

Member Spot Light (page 10)
Meet FCARC member Mike Esche.

Hamfests Across Wisconsin (page 13)
Did find what you needed on Amazon Prime Days? Don't worry, there are hamfests around Wisconsin to help you find that special item that you have been looking for.

Lending Library Catalog (page 15)
Need something for a short period use? Check out the FCARC lending library. It may just have what you need.

Ham Trivia and Ham Puzzle (page 16-17)

FCARC Calendar (page 19)

Club Membership Application (page 20)

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QSO'er

A publication of the
Fox Cities Amateur Radio Club
P.O. Box 2346
Appleton, Wisconsin 54912
www.fcarc.club

FCARC Officers

President— Mike Moore (WI9MMM)

Vice-President— Andy Lawton (AJ9L)

Treasurer— Donna Mendyke (KC9THF)

Secretary— Gene Wall (KE8KWF)

Membership Coord— Deenah St Claire (KD9TXA)

Technical Director— Larry Peterson (WA9TT)

Members At Large

Brian Miller (N9BAM)

Rudy Reynebeau (KD9RPW)

Mike Miller (KD9KHQ)

On the cover: FCARC President, Mike Moore (WI9MMM) works HF contacts during the annual 2024 ARRL Field Day. The FCARC held field day at the Boy Scouts of America headquarters. See the inside of this edition for more photos from the event.

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Message From the Editor

Mid Summer Check-In

By Gene Wall (KE8KWF)
FCARC Secretary and QSO'er Editor

As I wrap up the edits on the July edition of QSO'er, FCARC members are are putting in dozens of hours each day volunteering at EAA Airventure, introducing youth attendees to our beloved hobby of amateur radio. Each day, our operators meet at a local McDonalds and start the day with the caravan to Oshkosh. This is my second year volunteering. At the end of each day, I drive home thinking about the new experiences I logged for the day. This week I met a wonderful family from France who came to Oshkosh to escape the chaos of the Olympics. I made my first ever contact with W1AW, almost by accident while spinning the dial. And most of all, I filled my personal bucket by having five pairs of siblings in a row sit down next to me and they all had an HF contact that answered their CQ call, leaving them with their own "first ever" memory that will be with them forever. Someday those kids will be somewhere and stumble across another ham operator, and then they'll say, "One time I sat down at a radio and talked to a person in Canada."

Several times this week I had some great engagements with the parents of the kids who visited our station. I don't remember how many times a parent said something like, "My dad was a ham," and then they would turn to their kids and have a family moment to share the memories. In an age where kids are glued to their phones and video games, and family life is hectic, the ability of our club to offer a small flash of time where families can have a genuine connection with each other makes the hours we spend at the airshow worthwhile.

Finally, we all had a chance to poke around the hangers in Kidventure to see the other displays. You can't help but smile to see all the kids sitting at stations soldering, riveting, gluing, bending metal, cutting wood, drawing, flying in helicopters, and the list goes on and on. Not a single one of the youth were on Snapchat or making a Tic Tok video; rather, they were all engaged in some type of STEM activity and having fun! I appreciate our club for stepping up to be a part of the Kidventure program and giving me the opportunity to end my days with a smile and a sense of accomplishment. I really encourage club members of all ages to put this volunteer activity on their life bucket list; you won't be disappointed.

A huge thank you goes out to Jon Oldenberg for championing this project for FCARC. He and his wife Valerie spent every hour of every day at the EAA ham station making sure our club mission was accomplished. We couldn't have done any of this without their leadership. Well done Jon and Valerie!! There will be a summary of our Airventure participation in the August edition of QSO'er.

Enjoy this edition of QSO'er. I've changed up the format a little, for no other reason than I was getting bored with the old layout. I welcome any feedback (positive and negative) on the first round of format changes.

73,
Gene

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Minutes From the General Membership Meeting

July 15, 2024

Per the organization bylaws, a quorum was achieved. There was a quorum with a total number of 34 in attendance. Mike Moore (WI9MMM) called the meeting to order at 7:00 p.m. Roll call was taken by all members in attendance.

The minutes of the last meeting were approved as published in the newsletter.

Before our regular agenda began, Gary Hoehne (KB9AIT) presented the winner for the Field Day prize. The winner was Larry Peterson (WA9TT).

Committee Reports

Secretary – Gene Wall (KE8KWF) – Gene had nothing significant to report.

Membership Coordinator – Deenah St Claire (KD9TXA) – 136 on the website roster.

Technical Director – Larry Peterson (WA9TT) – The tech tip for the evening was a discussion of what makes up a 10Ghz station. Larry showed the group his rig and described in detail each of the main components of the system.

Members at Large – If you have an idea for a program that you can give or would like to see, please speak to Mike (KD9QHQ), Rudy (KD9RPW) or Brian (W9BAM).

Special Committees

Repeater Committee – Andy Lawton (AJ9L) – Andy had nothing significant to report.

Website Committee – Dave Sprangers (ND9DW) – Alex reported that the new website may be up by August or September.

License testing – Rick Kosiorek (WJ9K) – The next testing will be on July 20, 2024, then September 14, with registration from 8:00 – 9:00 am. The July 20th test is the first time we will test for Amateur Extra using the new test.

Strategic Vision – Terry Schilling (N9AOT) – Nothing significant to report.

Miscellaneous Topic - Rick Kosiorek (WJ9K) passed on a donated HT radio for the club to use as it sees appropriate.

New Business

Technician License Training – Wayne Mueller (W1QC) – Wayne will run a 2-day Technician class, followed by a testing session on August 18. The two-day event will take place on August 17-18, 2024

Old Business

EAA – Jon Oldenburg (AB9AH) – EAA starts on Monday, 7/22/24 and runs through 7/27/24. Setup of the antennas will take place on 7/20/24. Everyone involved should have received email notification from Jon with their scheduled time slots.

FCARC Picnic – Mike Moore (WI9MMM) – The annual FCARC picnic is scheduled for August 17, 2024 at Sunset Park in Kimberly. As we have done in the past, there will be a Fox Hunt in the park. The club is also in need of several grills as the Village of Kimberly has removed the park grills.

Wisconsin Parks on the Air (WIPOTA) – Larry Peterson (WA9TT) - September 21, 2024. WIPOTA is a statewide contest sponsored by FCARC. Information can be found on WIPOTA.com.

Technical Questions/Topic – None

Show and Tell – None

Program – Gene Wall (KE8KWF) – Gene gave a presentation on the history of space environmental sensing and how it contributed to the advancement of the Ham hobby.

50/50 Raffle – Tonight's prize is cash. It was won by N9DU

Adjourn at 8:15 pm

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General Membership Meeting Sign-in Sheet

Date: 7/15/2024

	Name	Callsign		Name	Callsign
1.	Mike Moore	WI9MMM	21.	MICHAEL KRAUS	KE9AEW
2.	KAREN THORNE	W89ZNA	22.	Alex Famdorf	W9LEX
3.	JOHN VERWITEL	KC9TFM	23.	ERIC JOHNSON	NDØL
4.	JOHN JOUZINSKY	K9KI	24.	Andrew Sandahl	KD9ZAH
5.	Rod Roller	K6ROD	25.	Joshua Sandahl	KD9ZGO
6.	Evan VandenLangenberg	N9DU	26.	Daniel Sandahl	KB9QOU
7.	David Sprangers	WJ9DW	27.	Kyle Fafnis	KD9UKA
8.	Eric Bjorkquist	KC9RJF	28.	Mike Esche	W9NVE
9.	Gary Hoffman	KB9AIT	29.	Thomas Frysinger	KD9PZX
10.	Mike Miller	KD9QHQ	30.	ROY HINZ	KC9VLP
11.	STEVE OSTENSO	W9SJO	31.	ANDY LAWTON	AJ9L
12.	Gene Wall	KE8KWF	32.	JON	~~AB9AH~~
13.	Steve Leitzko	KD9WXC	33.	Rick Kosiorek	WJ9K
14.	Paul Sikora	KD9AJT	34.		
15.	Paul Zinken	KA9GOU	35.		
16.	Rudy Reynebeau	KD9RPW	36.		
17.	Jod Kasper	WI4WS	37.		
18.	Loren Larson	N9SEA	38.		
19.	Fred Kaun	KC9VLH	39.		
20.	MIKE HOFFMANN	KD9ZTP	40.		

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Weekend Technician Class

The Fox Cities Amateur Radio Club is offering a unique opportunity for anyone interested in becoming a ham radio operator **in only 2 days.**

Saturday, August 17 through Sunday August 18, 8:00 am - 5:00 pm

Maplewood Middle School
1600 Midway Road

The cost is $25 which is payable at the door on Saturday morning (cash or check). A VE proctored exam is offered on Sunday which costs $15 (paid separately to the proctor).

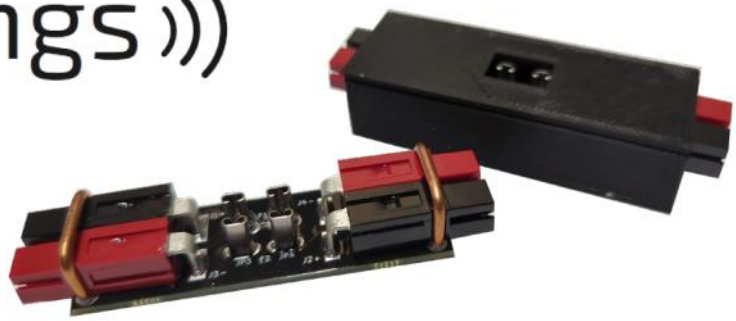
Sign up no later than August 1, 2024 with Wayne (wayne@mueller1.com).

Students interested in taking the test must have an FCC FRN number. A FRN number can be obtained for no cost at apps.fcc.gov/cores.

Update From BSA Camp Bear Paw Ham Station

FCARC member Matt Surprise (KD9WAW) has led the effort to build a ham radio station at the Boy Scout Camp Bear Paw. This station offers scouts the opportunity to learn about the hobby of ham radio and provide a ham station for operators volunteering at the camp. The station was built with donations of time and equipment from many FCARC members. He currently has a 2 meter station that doesn't allow for the use of PL tones. If anyone has a 2 meter dual-band transceiver that allows for the PL tones that you would like to donate to the scout camp, contact Matt.

HamThings



Chris N9CVR is selling Powerpole Fuse Blocks. They are designed for mini APM/ATM blade fuses, up to 30 amps. Each Fuse Block weighs only 0.8oz!

Club member pricing: $13 for a kit, $9 for an enclosure; $29 for a complete Fuse Block.
Talk to Chris, good on QRZ, or HamThingsLLC.etsy.com,
Use promo codes W9ZLCLUBPRICE and W9ZLHANDDELIVER

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FCARC Annual Corn Roast

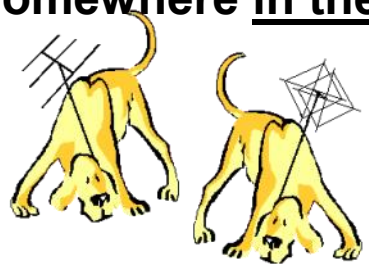
August 17, 2024
Sunset Park
Shelter #1
Kimberly, Wisconsin

Start time is between 10:00 -11:00 am and we are generally packing up around 1:00 - 2:00 pm

If you are able, please bring a dish to pass. There is power for crock pots in the shelter.

The FCARC will provide the meats, roasted corn, and non-alcoholic drinks.

Mike (WI9MMM) will hide the fox so you can try your luck at finding it somewhere <u>in the park</u>...



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2024 Field Day Recap
(in photos courtesy of Dan (N9LVS))

FCARC Flag Day Recap
(in photos courtesy of Larry (WA9TT))

(Left) Members of the FCARC road along the parade route talking on the radios connected to loud speakers. Spectators along the parade route were able to listen to contacts made by club members. The contacts informed the parade spectators about amateur radio communications.

(Right) Six members of the FCARC walked along the decorated Ham trailer and interacted with the parade spectators. Note the patriotic uniform worn by all club members for this annual event. If you would like to participate in 2025 parade, contact Larry (WA9TT).

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Member Spotlight

Mike began his journey in ham radio in middle school by playing with a CB radio his Grandpa gave him, and an old mag mount antenna from a neighbor. By high school, his Grandpa had taught him about antennas and SWR. Mike's setup, and those of his friends, worked better than most other students in his school.

Mike aspired to get licensed as a ham but couldn't make sense of the Morse code. When he went to college in Platteville, he learned that the college had a radio club. Another local club (Hidden Valley Amateur Radio Club) offered a technician license class where Mike passed the exam and was issued his first call sign, KB9UHB. His first few VHF contacts were made from the college club's station. Mike's Grandpa gave him an old Kenwood mobile radio and power supply with a CTCSS tone board that needed to be installed inside the radio case. His Grandpa helped him build a 2m ¼ wave antenna that he would hang from the patio to make local repeater contacts. Mike still has that antenna and has taught several people how to make one over the years.

Ken Rogers (SK), Mikes' Grandpa

At that point in his life, work, family, and soon kids took priority, and he was mostly inactive in the hobby. When Mike and his family moved to this area, he set up his old 2m radio again but didn't use it much. Mike's Grandpa passed away in 2011. His picture is still up with the Silent Keys on the Milwaukee Florida Net page of the West Allis Amateur Radio Club's website. Mike is grateful that his Grandpa saw him get licensed, but he regrets not talking to him more about the hobby that was such a big part of his life. He wishes he could see how far he has come. Mike lost his Elmer and has yet to find another.

Mike was surprised to learn that his Grandpa left him most of his radio equipment. It took Mike years to get over losing him, but eventually, his gesture spurred him to return to the hobby.

Around 2018, things started to pick up. Mike set up a UHF/VHF radio in the car and started making contacts with local repeaters. With Covid in 2019, he had more time to spend on the radio. He joined Calumet County ARES in 2020 and set up a better radio and antenna in the house. He loves working events with ARES. He has since helped two other ARES members make their first HF contacts. By 2021, Mike joined both ARRL and FCARC.

Mike earned his General and Extra class licenses in 2022 by taking online classes through the National Electronics Museum radio club; a program Mike highly recommends. After obtaining his Extra, he knew he wanted to be a VE, and that's when Mike decided he wanted to change his callsign. In July 2023, Mike took his Grandpa's call, W9NUE, and he is truly honored to keep it on the air.

Mike's other hobbies include spending time with the kids, playing Minecraft with his youngest daughter, running a significant home computer network with a full-sized server rack in the basement, and making homemade maple syrup up north with his Dad and uncles. Mike enjoys HF SSB, ARES, and Skywarn the most in the ham radio hobby.

If you would like to share you own story, or recommend someone else for the member spotlight, contact Gene Wall at ke8kwf@gmail.com to arrange for publication in a future edition. These stories are meant to help us get to know each other and inspire others based on our past experiences.

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Social Saturday
August 3, 2024
9:00 am

How many hams does it take to eat breakfast? Don't know...we haven't reached max capacity yet!

Our next Social Saturday is only a few weeks away. Enjoy some great conversation, mentorship, and live ragchew, with great food as a bonus.

Golden Corral
1169 North Westhill Blvd.
Appleton, WI 54914

FCARC Club Gear

On sale now at http://www.jse-repair.com

Contact Jeff on his website for information on items that you don't see, but would like. He stocks and makes a wide variety of POTA clothing and flags, hats, club shirts, as well as radio covers.

Optional Name and Callsign Shown

Optional Back of Jacket Embroidery

JSE Est 2009 Custom Embroidery & DTG Printing Hats - Jackets - Shirts

FCARC welcomes your donations in support of our mission to serve amateur radio. As a 501(c)(3) organization, your donations are tax-deductible. You can go to the FCARC website and click on the "Donate" button.

Donate

Meeting Information

Maplewood Middle School
1600 Midway Road
Menasha, WI

Community Room
Enter thru Door 17
Meetings start at 7:00 PM

Meetings are held on the third Monday of each month. Check the FCARC calendar for details.

The FCARC Board of Directors meets on the *second Monday* of each month at Maplewood Middle School. Club members are welcome to attend.

GOT QUESTIONS? CALL our Google Voice Information Phone Number
920-358-0118

If you have an item, rig, QSL card, or anything related to Amateur Radio and want to share it with club members, bring it to the club meeting for **SHOW AND TELL**.

A 2-3 minute section put into the agenda for fellow hams to share items they find useful or promotes Amateur Radio.

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Looking to prevent unwanted signals on HF frequencies?
Stop by Our Booth

C3
ELECTRONICS, LLC.

We are a New Vendor selling Bandpass Filters!

Get Ready for Field Day or POTA

Find Our Booth at these Hamfests:

C3 Electronics, LLC.

(920) 915-8960

WOLF RIVER COILS LLC
Silver Bullet Antenna

From the guys who brought you misfit coils, Wolf River Coils LLC now has misfit collapsible whips.

102 inch collapsible SS whips $15.00 or 3 for $40

213 inch collapsible SS whips $25.00

Now that Wolf River Coils LLC has incorporated a CNC Milling machine for coil production their supply of misfit coils is dwindling as we no longer create a misfit. So if you ever wanted to purchase a misfit SB1000 or SB Mini now is the time because when they're gone, they're gone.

SB1000 sells for $20.00 and the SB Mini sells for $15.00.

Next FCARC Ham Exam

September 14, 2024

Registration starts at 8 am and ends at 9 am. Preregistration is encouraged. A government issued picture ID is required along with proof of your current license. Please see the ARRL.org website for license information and other forms of acceptable ID. The application requires a **Federal Registration Number** and a valid **email address**. FRN's can be obtained free of charge on the FCC.gov website in the ULS section.

Details on each testing date will be posted on the FCARC website.

Cell phones must be silenced and put away during exams. Non cell phone calculators are permitted. Programmable calculator memories must be cleared and are subject to examination by a VE. Cost of the exams are set by our VEC, the ARRL, at $15.

If you fail an exam you may take a different version, time permitting, but you will be charged another $15. If you are successful you may take the next element during that session with no charge.

If you have any questions concerning FCARC Exams or to preregister contact Rick Kosiorek at (920) 809-1010 or WJ9K.mail@gmail.com

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Wisconsin Hamfest Schedule

08/10/2024 - CVARC 2024 Hamfest
Location: Chippewa Falls, WI
Sponsor: Chippewa Valley Amateur Radio Club
Website: https://w9cva.org/hamfest

08/10/2024 - Racine Megacycle Club Freefest
Location: Racine, WI
Sponsor: W9UDU
Website: http://w9udu.org/

08/24/2024 - Circus City Swapfest
Location: Baraboo, WI
Sponsor: Yellow Thunder Amateur Radio Club
Website: http://yellowthunder.org

09/07/2024 - ORC Annual Regional Fall Swapfest
Location: Cedarburg, WI
Sponsor: Ozaukee Radio Club (ORC)
Website: http://www.OzaukeeRadioClub.org

09/20/2024 - 09/21/2024
HRO Superfest
Location: Milwaukee, WI
Sponsor: Ham Radio Outlet

10/19/2024 - Hidden Valleys Amateur Radio Club 1st Annual Hamfest
Location: Lancaster, WI
Sponsor: Hidden Valleys Amateur Radio Club

11/02/2024 - Wisconsin ARES/RACES Conference 2024, ARRL Wisconsin State Convention
Location: Wisconsin Rapids, WI
Sponsor: WeComm Ltd
Website: https://wi-arrl.org/

03/16/2025 - Tri-County WI HamFest 2025
Location: Fort Atkinson, WI
Sponsor: Tri-County Amateur Radio Club
Website: https://www.W9MQB.org

ARRL Student Membership

ARRL Student Membership was established to increase youth participation and long-term involvement in amateur radio. Student members can access ARRL membership benefits including the digital versions of ARRL magazines, and the extensive courses and training materials available through the ARRL Learning Center.

Please note: ARRL requires age verification for all student members. Parental/Guardian consent is required for applicants under 18 years of age. Student memberships are not eligible for add-on printed membership magazine subscriptions. Student membership benefits are subject to other restrictions and exclusions.

Student Membership options:

Option 1: **Full Student Membership.** Dues rate $30 per year. This low-cost membership option is available to US Amateur Radio licensees under the age of 26 years. Applicant must be a resident of the US, its possessions, or Puerto Rico. A full member may vote in ARRL elections for Division Director, Vice Director, and Section Manager. Other restrictions and exclusions may apply.

Option 2: **Free Student Membership.** This no-cost, Associate membership option is available to full-time students aged 21 years or younger. Applicant must be a resident of the US, its possessions, or Puerto Rico. Free Student Membership excludes access to the ARRL E-mail Forwarding Service, and Associate members may not vote in ARRL elections. Other restrictions and exclusions may apply.

Join Now

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The Ozaukee Radio Club presents its 45th Annual Spring Indoor

Amateur Radio, Electronics & Computer

SWAPFEST

featuring TOWER ELECTRONICS!

Saturday, April 26, 2025

8 AM to 12 PM

Ascension Columbia St. Mary's Center (Milwaukee Curling Club)
W67N890 Washington Ave., Cedarburg, WI 53012

Talk-in: 146.97 MHz – PL 127.3 Hz
Door Prizes! Free WIFI

Food sold by Cub Scout Pack 516

Admission: $7.00 at the gate
Children 12 and under FREE, with a paid adult admission
6 ft. Tables: $12.00 in advance, $15.00 at the door, if available

Use the Order Form below, email, or call Tom Trethewey, KC9ONY at 262-421-6351
Email: swapfest@ozaukeeradioclub.org
More information: http://www.ozaukeeradioclub.org/ or http://www.facebook.com/orcwi

Save the date for **2026**: April 25, 2026 !!

For Advance Tickets and Tables, send check with a **SASE** (Business-Size #10 envelope) to:
Tom Trethewey, KC9ONY- W69N905 Evergreen Ct N, #202, Cedarburg, WI 53012-1170

Name: _____ **Call sign:** _____

Address: _____

Phone number: _____ **Email:** _____

No. of Tickets: _____X $7 = _____ **(Advance tickets are double stub)**

No. of Tables: _____X $12 = _____ **Electricity:** Yes (Add $5) _____No _____

Total Amount: _____ **(Please make checks payable to ORC)**

Tickets and flyers printed by Mequon Copy Master https://mequoncopymaster.com/

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FCARC Lending Library

Chris Reitz, N9CVR
Head Librarian

The FCARC lending library is a repository of references, equipment, and supplies that club members are willing to loan out to other club members. If you would like to borrow an item from the lending library contact the owner and arrange to borrow the item. If you have something you would like to list in the lending library, contact Chris Reitz (N9CVR) to have your item listed.

Library Catalog

Current As Of 7/21/24

Item	Make	Model	Owner	Notes
Coax / Powerpole crimper			N9CVR	contains all required tools for crimping coax and power-pole ends, except wire stripper for powerpoles
Power Meter	Diamond	SX-200	KD9UHZ	
RF Preamp	Ameco	PT-3	KD9UHZ	
Manual Antenna Tuner	MFJ	MFJ-945E	KD9UHZ	
TDR pulse generator	-	-	N9CVR	For Time Domain Reflectometry
TDR potentiometer	-	-	N9CVR	For finding characteristic impedance of TX line. Broken as of 2023.01.29, working on fixing.
75m/40m NVIS dipole	-	-	N9CVR	Requires a tree or pole and some open space to deploy
2m/70cm tape measure			N9CVR	Portable, directional antenna. SO-239 connection. Good
offset attenuator	KC9ON		N9CVR	for fox hunting
20ft fishing pole			N9CVR	Good for portable installations where trees don't exist
misfit 213in whip	Wolf River Coil		N9CVR	Misfit whip - skinniest section doesn't go up (~6in). 3/8"-24 threaded base
Microbit v2 (x2)	BBC	Microbit	N9CVR	USB/Bluetooth Microcontroller with 2.4GHz radio capability and access to library of programs for it
Antenna Analyzer	MFJ	208	WI9MMM	2m Only Antenna Analyzer
2m mobile radio	Yaesu	FT-1500M	N9CVR	2m / Analog FM / 50W + WX.
Code Practice Oscillator	Pacific Antenna	CPO	N9CVR	From club build day. There are 3 in my household, so feel free to borrow one!
2m wattmeter/SWR meter	Shurecom	SW33	KD9TXA	SMA connectors
2m J-pole antenna	-	-	KD9TXA	SO239 connector
Cable tester			KD9TXA	For RJ45 and RJ-11 modular cables
Modular connector crimper			KD9TXA	For RJ45 and RJ-11 modular cables
Coax crimper			KD9TXA	For RG6 (75 ohm cable company coax)
Tripod stand for J-pole			KD9TXA	Ideal for field day. About 6ft height
800W generator			KD9TXA	Gasoline powered

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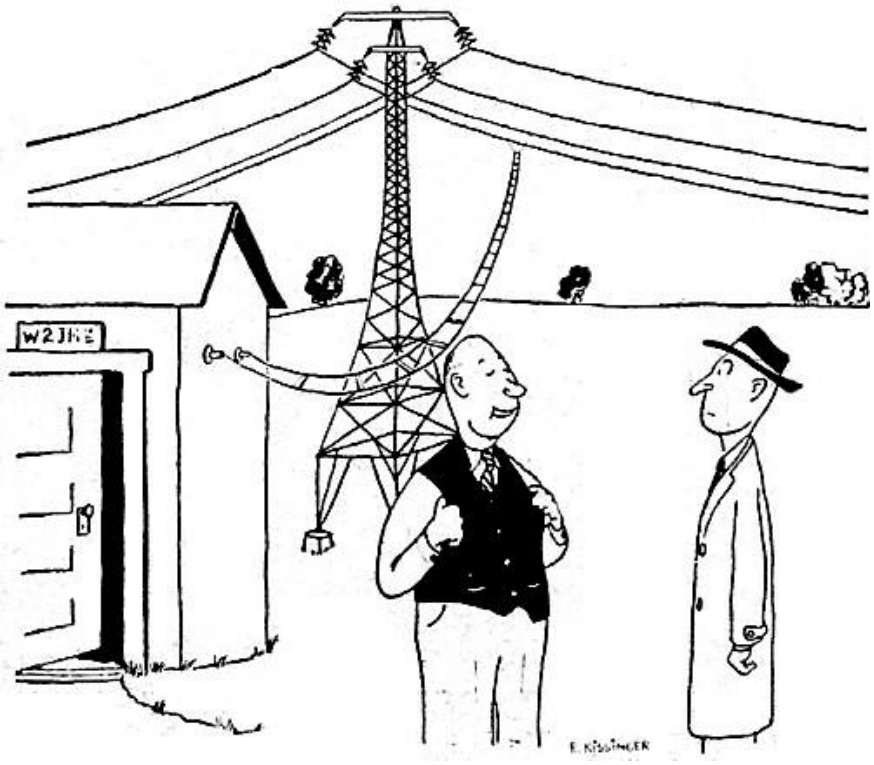
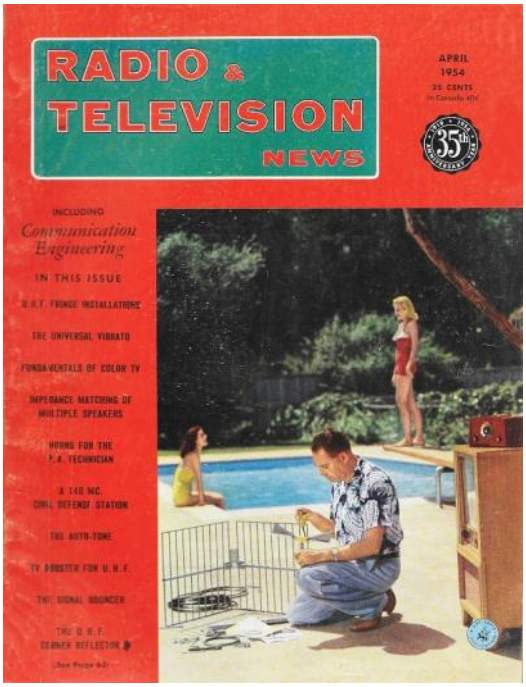


"It gives me a folded dipole that's about 1200 miles long."

The comic to the left was taken from the April 1954 edition of "Radio & Television News" Magazine, page 93.



HAM Radio Trivia

Try your luck at answering these HAM trivia questions. The answers are at the bottom.

What company made the popular HW-101?

A) Heathkit B) Hallicrafters C) Hammarlund D) Swan

2. Years ago, instead of using a dummy load, some amateur stations used one of the following to check the tuning of their transmitter.

A) Capacitor / coil combination B) Resistor / coil combination C) Light Bulb
D) Inductor / resistor / coil combination

3. To qualify for ARRL's WAS (Worked All States) award, a U.S. ham must make all contacts from the same station location, or other stations no more than how many miles apart?

A) 25 miles B) Anywhere within their state C) 100 miles D) 50 miles

4. What two Boy Scout Merit Badges have Morse code characters on them?

A) Radio and Electronics B) Radio and Emergency Preparedness
C) Radio and Communications D) Communications and Electronics

5. RG (as in RG-213, RG-11, RG-8 coax) stands for:

A) Radio Guide B) Rodgers and Guilderson C) Reactance Grade D) Reliability Gauge

1. A) Heathkit | 2. C) Light Bulb | 3. D) 50 miles | 4. B) Radio and Emergency Preparedness | 5. A) Radio Guide

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Some Ham Radio Terms

X Q Y Y Y Z B Z T R E H F D O S C I L L A T O R
N O I T A U N E T T A H A E F Z N O M Y N Y I C
H Z S R E S I S T A N C E D L H L O E A Z V O E
G Q T B E A T F R E Q U E N C Y F J N J O N C Y
T R E V I E C N A R T J O U N V S O E L T N A V
E R U S O P X E E D A J C O F I S D T R A D D R
P W F G R E T T I M S N A R T E Y A O T D I E T
O P D A U Q M H L E E I N G R F G L I L R T P N
W C O N N E C T I O N L B F O E O C E E R Z R E
E D B B E L B M A E R P E I Y P A I C E X N E R
R G N U R A D I A T I O N O E P F T V D Q R C R
S N E U T R A L A I D A R R A B O N J N C E A U
U C L I O R V E L W N W A C K R O M U A O T U C
P H R E N R O H C J A T M O N C P O M B N T T F
P X N J B D G T J N O L K W V S O Y M E D A I U
L Q G K D I U E A R A H S O I D O C R D U P O S
Y D U H M Z C C N T Y T E M S F L N E I C H N E
C I R C U I T E T E O T C R H O A E V S T A O D
A N N E T N A Y D A R R E A M O T G I E O M S E
Q L O N G W I R E B N A S F E H L R E L R S Y A
X M R O T I C A P A C C T A A R E E C G D H U Y
H T G N E L E V A W Q C E O K S D M E N X A U A
C R M D E L C Y C Y T U D P R V X E R I F C H G
U B M O D U L A T O R E S I S T O R L S V K B I

controloperator
transmitter
oscillator
conductor
preamble
hamshack
decibel
antenna
quad
vfo
singlesideband
wavelength
tranceiver
reactance
resonant
exposure
circuit
ohmslaw
boom
beatfrequency
precaution
deltaloop
emergency
longwire
fieldday
pattern
radial
nvis
attenuation
inductance
dutycycle
modulator
director
receiver
neutral
ground
fuse
powersupply
resistance
radiation
generator
grounded
rotator
current
safety
yagi
capacitance
connection
capacitor
converter
resistor
element
voltage
hertz
bfo

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Elmer's Contact List

This is a listing of HAMS who are willing to help other HAMS out in special areas. Feel free to contact these fellow HAMS with any questions.

Call / Name	Specialty Area	Phone
N9LVS - Dan	FCC Personal Da-	205-4899
WA9TT- Larry	SSTV (analog)	915-4499
N9AOT -Terry	Wires X / Digital	572-2937
KB9AIT - Gary	Wires X	
KC9YL- Anne	CW	682-7978
W1GCS - Greg	Net Control Oper-	740-9408
WJ9K - Rick	Getting on the Air	809-1010
KG9JP - KC	Contesting	602-999-7341

If you are interested in helping other hams and being an Elmer please contact a board member.

Logging Software For Your Shack

N3FJP
http://www.n3fjp.com/

N1MM Logger
https://n1mmwp.hamdocs.com/

WriteLog
https://writelog.com/

TR Log
http://www.trlog.com

WinTest
http://www.win-test.com/

SI by EI5DI
http://www.ei5di.com/

DX Keeper
http://www.dxlabsuite.com/dxkeeper/

FCARC Repeaters

Frequency	Offset	Tone	Remarks
145.330	- 0.600 MHz	100.0	System Fusion
146.760	-.600 MHz	100.0	
146.760	-.600 MHz	107.2	This is a receiver station at Oneida Heights.
443.650	+5.000 MHz	100.0	

FCARC Member Repeaters

Frequency	Offset	Tone	Remarks
224.500	-1.6 MHz	100.0	

FCARC Nets

Net Name	Frequency	Schedule and Extra Information
2-Meter	146.760	Wednesdays at 8:00 pm. Contact John (KC9TFM) if you can be a net control operator.
2-Meter Digital	145.330	First Tuesday of the month at 8:00 pm. You can also use the FCARC's Fusion Room 40216, the W9ZL room. Contact Terry (N9AOT) if you can be a net control operator.
2-Meter SSTV	146.760	Second Sunday of the month at 6:00 pm. Contact Larry (WA9TT) if you can be a net control operator.
222	224.500	2nd Tuesday of the month. Contact Dave (KB9RPH) if you can be a net control operator.
6-Meter	52.550	Third Tuesday of the month. Contact Larry (WA9TT) if you can help be a net control operator.
Morning Coffee Klatch	146.760	Monday, Wednesday, Friday at 9:30 am.

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FCARC Club Calendar

August 2024
3 - Social Saturday
6 - 2 meter digital net (WI9MMM) 8 pm
7 - 2 meter net (WA9TT) 8 pm
11 - 2 meter SSTV net (WI9MMM) 6 pm
12 - Board of Directors meeting 7 pm
13 - 220 Mhz Monthly Net 8 pm
14 - 2 meter net (WI9MMM) 8 pm
17 - FCARC Picnic & Fox Hunt 11 am
20 - 6 meter net 8 pm
21 - 2 meter net (KC9THF) 8 pm
28 - 2 meter net (W9SJO) 8 pm

September 2024
2 - Labor Day
3 - 2 meter digital net (AB9AH) 8 pm
4 - 2 meter net (KE8KWF) 8 pm
7 - Social Saturday & Fox Hunt
9 - Board of Directors meeting 7 pm
10 - 220 Mhz Monthly Net 8 pm
11 - 2 meter net (WI4WD) 8 pm
14 - Amateur Radio License Exam
15 - 2 meter SSTV net (WI9MMM) 6 pm
16 - General Membership Meeting 7pm
17 - 6 meter net 8 pm
18 - 2 meter net (KC9TFM) 8 pm
21 - WIPOTA
25 - 2 meter net (WA9TT) 8 pm

October 2024
1 - 2 meter digital net (WI4WD) 8 pm
2 - 2 meter net (WI9MMM) 8 pm
5 - Social Saturday & Fox Hunt
8 - 220 Mhz Monthly Net 8 pm
9 - 2 meter net (KC9THF) 8 pm
13 - 2 meter SSTV net (WA9TT) 6 pm
14 - Board of Directors meeting 7 pm
16 - 2 meter net (W9SJO) 8 pm
21 - General Membership Meeting 7pm
22 - 6 meter net 8 pm
23 - 2 meter net (KE8KWF) 8 pm
30 - 2 meter net (WI4WD) 8 pm
31 - Halloween

November 2024
2 - Social Saturday
3 - Hamfest
3 - Amateur Radio License Exam
5 - 2 meter digital net (WA9TT) 8 pm
6 - 2 meter net (KC9TFM) 8 pm
10 - 2 meter SSTV net (KB9YUC) 6 pm
11 - Board of Directors meeting 7 pm
12 - 220 Mhz Monthly Net 8 pm
13 - 2 meter net (WA9TT) 8 pm
18 - General Membership Meeting 7 pm
19 - 6 meter net (WI4WD) 8 pm
20 - 2 meter net (WI9MMM) 8 pm
21 - Thanksgiving
27 - 2 meter net (KC9THF) 8 pm

December 2024
3 - 2 meter digital net (KB9AIT) 8 pm
4 - 2 meter net (W9SJO) 8 pm
7 - Social Saturday & Fox Hunt
8 - 2 meter SSTV net (WI9MMM) 6 pm
9 - Board of Directors meeting 7 pm
10 - 220 Mhz Monthly Net 8 pm
11 - 2 meter net (KE8KWF) 8 pm
16 - General Membership Meeting 7 pm
17 - 6 meter net (KB9AIT) 8 pm
18 - 2 meter net (WI4WD) 8 pm
25 - Christmas
31 - New Year's Eve

January 2025
1 - New Year's Day
1 - 2 meter net 8 pm
4 - Social Saturday & Fox Hunt
7 - 2 meter digital net 8 pm
8 - 2 meter net 8 pm
7 - Social Saturday & Fox Hunt
12 - 2 meter SSTV net 6 pm
13 - Board of Directors meeting 7 pm
14 - 220 Mhz Monthly Net 8 pm
15 - 2 meter net 8 pm
20 - General Membership Meeting 7 pm
21 - 6 meter net 8 pm
22 - 2 meter net 8 pm
29 - 2 meter net 8 pm

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FOX CITIES AMATEUR RADIO CLUB, INC.

FCARC, PO Box 2346, Appleton, WI 54912
920-415-2ham (2426) - www.fcarc.club - fcarcw9zl@gmail.com

Membership Application

Date _____ ☐ New member ☐ Renewal

☐ Full / Associate / Retired ☐ Student

Call Sign _____ License Class _____ ARRL Member? ☐ Yes ☐ No

Name _____ Phone _____

Address _____

City _____ State _____ ZIP _____

Email _____

$20.00	_____	Full, Associate (non ham), Retired
$10.00	_____	Student School_____
Free	_____	New Ham (FCARC VE certificate required)
$5.00 each	_____	Additional Family Members
	_____	Donation (Optional)
Total	_____	

My Family Member is Joining or Renewing:

☐ New member ☐ Renewal

Call Sign _____ License Class _____ ARRL Member? ☐ Yes ☐ No

Name _____ Phone _____

Email _____

☐ New member ☐ Renewal

Call Sign _____ License Class _____ ARRL Member? ☐ Yes ☐ No

Name _____ Phone _____

Email _____

Note: Family members must reside at the same address

Note: Please see the treasurer for an ARRL dues form. Our club will receive a portion of those dues if you sign up or renew through us.

Fox Cities Amateur Radio Club, Inc. is a 501(c)3 non-profit corporation.
Your contribution supports our community service and public safety activities.
All donations are tax-deductible to the fullest extent of the law. Please consult your tax advisor.

Treasurer Use:

Amount Paid $_____
Check # or method of payment _____
Paid through 12/31/_____
Date Deposited _____

QuickBooks Updated _____
Website Updated _____
HamClubOnline Updated _____

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