



FOX CITIES AMATEUR RADIO CLUB, INC.

QSO'ER



P.O. Box 2346 Appleton, Wisconsin 54912

www.fcarc.club

February 2024

Volume 38, Issue 2
Your New Year's Edition

2023 "Ham of the Year" Larry Peterson (WA9TT)

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2024 Dues

It's time to renew your annual club dues for 2024. Your dues help the club improve our club repeaters, offer special programming, and make long term plans to serve our members advance their skills in the hobby.



The cost for a 1-year membership is \$20.

Dues can be paid online at fcarc.club via PayPal or at the next general membership meeting using cash or check.



March 10, 2024

1:00PM CDT to 8:00PM CDT

There are opportunities for those who wish to go mobile, stay at home, or work from the FCARC club station at Maplewood Middle School.

For more information, contact Brian (KB9LRD) or visit fcarc.club.

Pictures of the 2024 Annual Banquet

The February General Membership Meeting took place during the Annual Banquet held at Holiday's restaurant. Mike Moore (WI9MMM) was a wonderful host during the social hour. He also delivered a short presentation on the vast accomplishments of the club over the past year. Members enjoyed a wonderful meal of salad, mashed potatoes with beef tips, chicken, and corn. The evening concluded with the presentations of certificates to members by the club vice president, Andy Lawton (AJ9L). The raffle for the meeting was a Yaesu FTM-500D, won by Donna Mendyke (KC9THF). Finally, the 2022 Ham of the Year, Joel Casper (WI4WD), presented the 2023 Ham of the Year award to Larry Peterson (WA9TT).



Social Saturday

March 2, 2024
9:00 am

Our first Social Saturday in February was a huge success! Let's do it again in March. Come out and enjoy a 100% unstructured social event with fellow hams. Be on the lookout in the regular dining area for people that look familiar and join them.

Golden Corral
1169 North Westhill Blvd.
Appleton, WI 54914



FCARC Ham Exams

March 23, 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



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.

Contact Gary KB9AIT or Terry N9AOT to purchase.

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 ★★★★★
Custom Embroidery & DTG Printing
Hats - Jackets - Shirts
Est. 2009

Wisconsin QSO Party - WIQP

The FCARC is the 2023 WIQP defending State Champions!
Your participation is greatly appreciated and welcomed.

All are welcome, all can participate, all of you will make a difference in 2024!

When: March 10, 2024 - 1800Z to 0100Z March 11

Time: (1:00PM CDT to 8:00PM CDT on Sunday, March 10)
> First day of Daylight Saving Time <

Where: All Wisconsin counties, All US States, All Canadian Province's

Seven hours of radio fun!

For more information please attend the pizza party, or contact me via text/voice.

Good Luck in the Contest Old Man!!
73, de KB9LRD



SOLE BURNER

Fighting cancer one mile at a time

The American Cancer Society has requested the FCARC to provide communications & logistics for the Sole Burner 5K Walk-Run on **Saturday May 11, 2024**.

We will need about 25 operators for this event to successfully cover the entire perimeter of the 5K course.

This is a great event for new members to participate in and a favorite for those returning.

Please watch for updates, sign-up process and all the latest details of this event.

You may contact me directly, 920-205-2366 voice/text if you have questions, interest or would like to sign-up early.

Best Regards,

Brian Long, KB9LRD

Reprinted from ARRL.org

Senators Roger Wicker and Richard Blumenthal Introduce S.3690 to Eliminate Private Land Use Restrictions on Amateur Radio

02/14/2024

On January 30, 2024, US Senators Roger Wicker (MS) and Richard Blumenthal (CT) introduced S.3690, the Senate companion bill to H.R.4006, introduced last June. Both bills reflect the Congressional campaign efforts by ARRL The National Association for Amateur Radio® to eliminate homeowner association land use restrictions that prohibit, restrict, or impair the ability of an Amateur Radio Operator to install and operate amateur station antennas on residential properties they own.

Amateur Radio Operators repeatedly are relied upon to provide essential communications when disaster strikes, but their ability to do so is being impaired by the exponential growth of residential private land use restrictions that hinder their ability to establish stations in their homes with which to train and provide emergency communications when called upon.

In announcing the introduction of S.3690, Senator Wicker said: “Because communication during natural disasters is often hindered, we should be making every attempt to give folks more options. Reliable access can make the difference between life and death in an emergency. Our legislation removes roadblocks for amateur radio operators looking to help their friends, families, and neighbors.”

In a similar announcement, Senator Blumenthal stated: “Our measure will help clarify the rules so ham radio enthusiasts can successfully continue their communications. In the face of emergency or crisis, they help provide vital, life-saving information that allow listeners to properly and safely respond, but prohibitive home association rules and confusing approval processes for installing antennas have been an unnecessary impediment. The Amateur Radio Emergency Preparedness Act resolves these bottlenecks and ensures that radio operators can function successfully.”

ARRL President Rick Roderick, K5UR, and Director John Robert Stratton, N5AUS, Chair of the ARRL’s Government Affairs Committee, both extended on behalf of ARRL, its Members, and the Amateur Radio community their thanks and appreciation for the leadership of Senator Wicker and Senator Blumenthal in their continuing efforts to support and protect the rights of all Amateur Radio Operators.



Reprinted from ARRL.org

Amateur Radio as Educational Tool Represented to Policymakers in Washington DC

02/16/2024

ARRL and Amateur Radio Digital Communications (ARDC) represented Amateur Radio at a symposium in Washington on February 1 at which the top domestic spectrum policymakers from across the federal government considered implementation of the National Spectrum Strategy (NSS).

ARRL ensures that Amateur Radio is represented at sessions such as this so that decisionmakers understand amateur radio's roles when spectrum decisions are made, including its substantial contributions to student interest and education in STEM subjects at schools throughout the country and its role during emergencies and natural disasters.

In the NSS, released by the White House in November, national policymakers identified some 2,790 megahertz of spectrum to be considered for future commercial needs. No new amateur spectrum was included, with only the ongoing reallocation studies related to 3.1 - 3.45 GHz being addressed.

The NSS was prepared for the President by the National Telecommunications Information Administration (NTIA) in collaboration with the Federal Communications Commission (FCC). NTIA considered input from Federal Executive Branch agencies that use spectrum as well as from other spectrum users, including amateur radio operators. As the NSS was being formulated during 2023, ARRL's Washington Counsel presented information on amateur radio to the policymakers at an NTIA listening session. This was followed with a written submission about amateur radio spectrum concerns, and later with a one-on-one meeting with NTIA's Senior Spectrum Advisor in overall charge of formulating the NSS.

The February symposium followed release of the NSS in November and was in support of finalizing implementation plans for the strategy that are expected to be announced by the White House in mid-March.

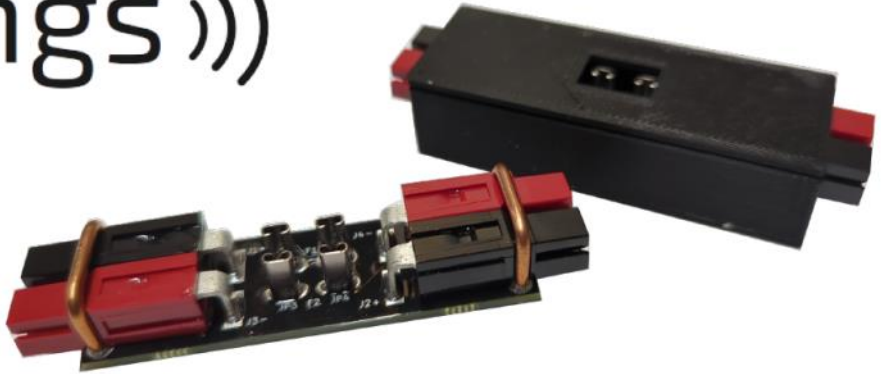
For the symposium, ARRL Life Member Phil Karn KA9Q, a director and past-president of ARDC, participated as a panelist and reinforced amateur radio's important national role in workforce development with personal testimony based on his own career.

Karn's recruitment by Qualcomm in its early days was due directly to his pioneering amateur radio accomplishments with digital wireless projects that included many firsts. Karn retired from Qualcomm as Vice President for Technology in 2011. He shared with policymakers the value of amateur radio to interest and recruit youth into STEM areas and into wireless specifically. Karn's life experience lent special weight to his remarks about amateur radio's role in attracting youth to STEM projects.

"I see [amateur radio] - having been involved in it for 52 years now - as fundamental as an educational system... It is a type of hands-on intuitive learning that is almost impossible to get any other way," said Karn.

[Watch a video of the panel on YouTube by searching NTIA: Spectrum Policy Symposium in the YouTube search bar.](#)

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

A Review of Ham Radio Prep License Training Program By Gene Wall, KE8KWF

I finally did it! After three years I finally took the time to upgrade from Technician to General. This article describes what I experienced by using the program developed by Ham Radio Prep (hamradioprep.com).

In late December I received an email advertisement from Ham Radio Prep with a Christmas sale. They were selling all three license test programs for about \$70; regular price is \$199. I read the reviews on the program and did the math. If I bought the General and Amateur Extra study guides, it would be about the same price, plus, I'd have to slug my way through the books and practice tests anyhow.

In about one week I completed the General License Course. Each lesson, which corresponds to the chapters in the regular study guide, contained a 7-15 minute video. The videos were captioned and the testable items were bolded and in a different color font. Jim Reed (N4BFR), the instructor, highlighted high miss



questions and explained how to approach them using logic and background knowledge. In addition to the videos, viewers are provided a written copy of the script with supporting graphics, and an end of unit assessment with well written feedback. This type of learning is exactly what I was looking for to keep me engaged in the learning process and maximize my limited time before Winter Field Day.

I set a goal to take at least 1 practice test per day prior to Field Day. That goal worked well for a while, but life got in the way. In the end, I was prepared "just enough." If I didn't have this hybrid learning option, I likely would have delayed my test several more months. I'm currently working my way through the Amateur Extra course and loving it. If you are looking for a quality online licensing program, I would recommend Ham Radio Prep.



SALE



All items work. All offers will be considered.

Contact Gary (KB9AIT) at 920-205-0313.

Astron RS-20 power supply	\$50.00	TenTec 705 Mic	\$40.00
Kenwood AT-200 tuner	\$50.00	HeathKit HW-5400	\$350.00
Icom IC-2100H 2 meter	\$50.00	Collins 30L-1 500 watt Amp	\$550.00
Hammerlund HG-170 & digital dial	\$300.00	Palstar AT2KD	\$350.00
Heathkit DX-100	\$75.00	MFJ 259 Analyzer	\$100.00
TenTec Orion 565	\$600.00	TV Tube Tester	250.00
TenTec Encoder 302	\$75.00	Astatic D104 Mic	\$50.00
TenTec Titan 425 with Supply	\$1000.00	Shure 444 Mic	\$40.00
TenTec 963 power supply	\$50.00	Phase III power supply	\$40.00
TenTec Paragon 585	\$450.00	HeathKit IM-2420 Counter	20.00
TenTec 960 Power supply	\$50.00	HeathKit HM-2103 Watt meter	\$75.00
		30 foot tower, rotor & Butternut Antenna	\$225.00

The Next Episode of “How Gene Likes His Zumspot” By Gene Wall, KE8KWF

A few months ago I wrote a mini product review of my latest purchase, a Zumspot 3.5 Elite. For readers not familiar with this product, it is a digital hotspot built on a Raspberry Pi platform. For those who read the article you know that my review was not favorable for a variety of reasons. At the time that the newsletter went to press, the little plastic box was collecting dust on my radio table.

My frugal nature (ok, I'm cheap) hates to see that much money wasted and not working, so I was determined to figure out how to make this device work properly, or at least be a useful Raspberry Pi computer. As a teacher, I had a week off of school at Christmas which was a perfect opportunity to troll Facebook groups and online forums for solutions. Spoiler Alert! I did get it working, and I want to share this experience in the event that someone else finds themselves struggling with the Raspberry Pi digital radio solution.

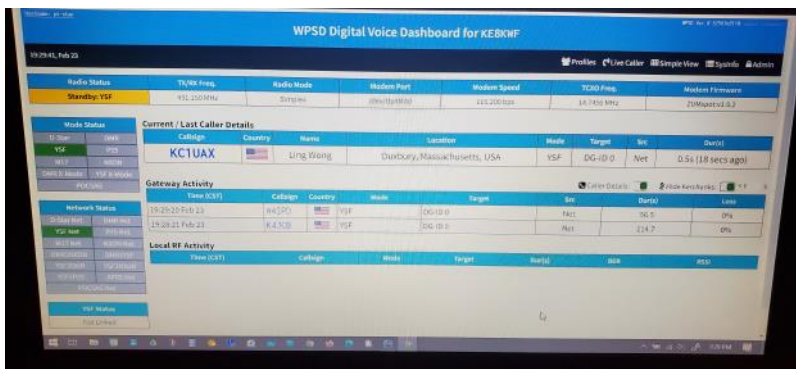
The first thing I did was to reflash the micro SD card that holds the operating system for the Raspberry Pi. There are many videos and documents that give proper instructions on how to do this. I probably flashed that little data card 30 times over a few days. One morning while drinking coffee I decided to explore the file structure on the SD card. Upon inspection I found that the SD card was partitioned and contained 2 sets of boot data. To me, it made sense that the computer wouldn't want to take boot commands from two different directories. I deleted both directories and the partition. I reflashed the card once again and it appeared to be a clean image. I loaded the card into the computer and it worked...for about 10 minutes, and then it crashed.

Back to drawing board. I did some more research online and eventually came across a link to software created by W0CHP, on his website W0CHP.radio. The author boasts that the software “...is a **next-generation** digital voice software suite & distribution for amateur radio use, enjoyed by many thousands of hams around the globe. It is used for personal hotspots and repeaters alike. It supports M17, DMR, D-Star, Yaesu System Fusion (YSF/C4FM), P25, NXDN digital voice modes & POCSAG data/paging.” I refilled my cup of coffee and downloaded the files, reflashed the SD card yet again with W0CHP's software, inserted the SD card into the computer, powered the unit up, and held my breath (only for about 10 seconds though).



Gene's Zumspot Elite 3.5 hotspot.

The flashing LEDs on the main circuit board of the Raspberry Pi started dancing in patterns that I had not seen before. The screen eventually came to life and looked right. I logged into the Raspberry Pi with my laptop and the main configuration screen popped up. After about 15 minutes of configuration, a few restarts, and programming my FTM-400 to receive the signals, I heard voices from the United Kingdom! It worked! I sat listening for almost 30 minutes waiting for something to go wrong, and it didn't. In fact, the Zumspot continues to work today after almost two months of operations. While I'm still skeptical of buying another Zumspot for its reliability, I certainly appreciate, and support, W0CHP's software solution. If you end up being one of the many Zumspot users who are frustrated with the PiStar software from the factory, check out the WPSD project by W0CHP. You won't be disappointed.



This is an image of the WPDS dashboard from W0CHP.



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.

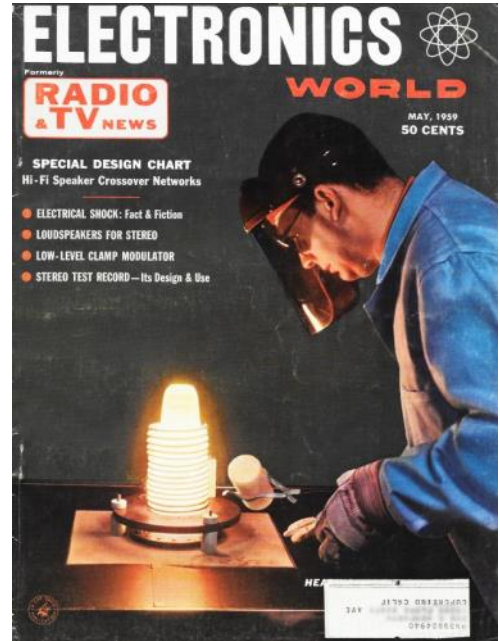
Library Catalog Current As Of 2/23/24

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



"OK, Joe. That's perfect, tighten her up!"

The comic to the left was taken from the May 1959 edition of "Electronics World" Magazine, page 110.



HAM Radio Trivia



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

Which of the choices below does not belong with the others:

- A) GMT B) UTC C) BANTU D) ZULU

2. Which company made the Saturn 6 antenna?

- A) Cushcraft B) Hy-Gain C) Hi Par Products Company D) Hi-Q Antennas

3. Which two forms of spread spectrum communication are amateurs allowed to use?

- A) Phase shifting and scatter B) Frequency hopping and direct sequence
- B) C) Direct sequence and pulse. D) Pulse and scatter.

In what year did Hiram Percy Maxim found the ARRL?

- A) 1902 B) 1909 C) 1914 D) 1921

What are the middle names of Samuel F. B. Morse?

- A) Finley Breese B) Frederick Bartholomew C) Francis Balew D) Felix Brown

1. C) BANTU | 2. B) Hi Par Products Company | 3. B) Frequency hopping and direct sequence | 4. C) 1914 | 5. A) Finley Breese

by Chris Codella, W2PA

Spot Not

Across

1. Eight furlongs
 5. Propagation predictor, with solar
 9. Early ham technology
 14. 7700 maker
 15. Network, especially in I-land
 16. Blender setting
 17. Solar WX org.
 18. Kit maker of the 1960s
 19. Poem of lament
 20. Propagation predictors, with 58 down
 22. OX dir. from XE
 24. Formerly known as
 25. Chop (off)
 26. Solar minimum result
 28. Fed. fiscal agency
 31. "Encore!"
 33. 144 MHz
 34. Phoned

36. Deteriorates
 38. Post det. stage
 42. Hams eagerly await it
 45. 1970s sat.
 46. Garbage barge
 47. "I'm ___ your tricks!"
 48. Checks in check ins
 50. Calls from NJ or NY
 52. What some amateurs are, professionally
 53. The 2009 sun, mostly
 57. W7 ARRL sect.
 59. 440 MHz region, say
 60. Prefix, opposite of 63 down
 61. Early receiver maker
 65. Wanderer
 67. Generate RF sig.
 69. Handle

70. Nonsensical
 71. Tropospheric propagation path
 72. Connectors with shells
 73. FD abodes
 74. Ckts. for CW
 75. Put in stitches

Down

1. Subcompact
 2. Desktop feature
 3. PA front panel label
 4. In-box contents
 5. C6 city
 6. KH6 rings
 7. GMT replacer
 8. Veracruz prefix
 9. Indy place
 10. YA cent

11. Hara, for example
 12. Superhet alternative
 13. Sent CW
 21. It may follow a dot
 23. ___ King Cole
 26. Picks up, on the air
 27. Fab
 28. Shamu, for one
 29. W0 Clinic
 30. Locking connectors
 32. Column crossers
 35. Sparkle
 37. KC4 WX
 39. Code for code
 40. Receiver rear panel label
 41. Con cons
 43. Rules out

44. 33 dBm
 49. K7UGA, once: Abbr.
 51. Ant. measurement
 53. 56 down measurement
 54. Second SS weekend
 55. GD isle
 56. See 53 down
 58. Types of 20 across
 61. Micro micro
 62. Antenna measurement
 63. Prefix, with directional
 64. What crank-up sections do when cranked-down
 66. Dip. or Inv-V, e.g.
 68. Propagation condx indicator

1	2	3	4		5	6	7	8		9	10	11	12	13
14					15					16				
17					18					19				
20				21				22	23			24		
			25				26				27			
28	29	30		31		32			33					
34			35		36			37		38		39	40	41
42				43					44					
45						46					47			
			48		49		50			51		52		
53	54	55				56			57		58			
59				60				61				62	63	64
65			66			67	68				69			
70						71					72			
73						74					75			

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 NEW	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.
2-Meter CW	146.760	Second Sunday of the month at 8:00 pm. Contact Larry (WA9TT) if you can assist as Elmer of the Evening.
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.

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

- *Dave Beck (W9RAG)*
- *Rudy Reynebeau (KD9RPW)*
- *Rod Roller (K6ROD)*

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.



Do you have something to share with the club? Become a guest contributor to the monthly FCARC QSO'er newsletter.

To get your announcement, item for sale, or article to share in the newsletter, send a copy of your piece to ke8kwf@gmail.com and Gene will do the editing and publishing for you.

Feel free to send photos with your submissions. Gene will crop your photos and touch them up to make sure they fit in your article.

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



Google Voice



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.

Recruit a New Member

Have you met someone interested in Amateur Radio or is already a HAM and would like to join a club? If so, bring them to our next general membership meeting and/or have them fill out an application online. Dues are \$20 per year. Share the newsletter with them to inform them of the club calendar and announcements for upcoming activities.

Meeting Information

Maplewood Middle School
 1600 Midway Road Menasha, WI 54952.
 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 more details.

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

FCARC Foxhunts

The next Fox Hunt will be April 6, 2024.

147.555 MHz
 See you out there!





FCARC—March 2024

Sun Mon Tue Wed Thu Fri Sat

					1	2 Social Saturday
3	4	5 2 Meter Digital Net (TBD) 8:00 pm	6 2 Meter Net - (KC9TFM) 8:00 pm	7	8	9
10 WI QSO Party SSTV 2 Meter Net — 6:00 pm (KB9YUC) 2-Meter CW Net — 8:00 pm	11 Board of Directors Meeting— 7:00 pm	12 220 Monthly Net 8:00 pm	13 2 Meter Net - (WA9TT) 8:00 pm	14	15	16
17 	18 General Membership Meeting — 7:00 pm	19 6 Meter Net - (TBD) 8:00 pm	20 2 Meter Net - (WI9MMM) 8:00 pm	21	22	23 Amateur Radio License Exam 8:00 am
24	25	26	27 2 Meter Net - (KC9THF) 8:00 pm	28	29	30
31 						

FCARC—April 2024

Sun Mon Tue Wed Thu Fri Sat

	1	2 2 Meter Digital Net (TBD) 8:00 pm	3 2 Meter Net - (W9SJO) 8:00 pm	4	5	6 Social Saturday Fox Hunt 
7	8 Board of Directors Meeting— 7:00 pm	9 220 Monthly Net 8:00 pm	10 2 Meter Net - (KE8KWF) 8:00 pm	11	12	13
14 SSTV 2 Meter Net — 6:00 pm (W19MMM) 2-Meter CW Net — 8:00 pm	15 General Membership Meeting — 7:00 pm 	16 6 Meter Net - (TBD) 8:00 pm	17 2 Meter Net - (W14WD) 8:00 pm	18	19	20
21	22	23	24 2 Meter Net - (KC9TFM) 8:00 pm	25	26	27
28	29	30				

FCARC—May 2024

Sun Mon Tue Wed Thu Fri Sat

			1 2 Meter Net - (WA9TT) 8:00 pm	2	3	4 Social Saturday
5	6	7 2 Meter Digital Net (TBD) 8:00 pm	8 2 Meter Net - (WI9MMM) 8:00 pm	9	10	11 American Cancer Society Sole Burner
12 SSTV 2 Meter Net — 6:00 pm (WA9TT) 2-Meter CW Net — 8:00 pm	13 Board of Directors Meeting— 7:00 pm	14 220 Monthly Net 8:00 pm	15 2 Meter Net - (KC9THF) 8:00 pm	16	17 Hamvention	18
19 Hamvention	20 General Membership Meeting — 7:00 pm	21 6 Meter Net - (TBD) 8:00 pm	22 2 Meter Net - (W9SJO) 8:00 pm	23	24	25
26	27	28	29 2 Meter Net - (KE8KWF) 8:00 pm	30	31	


FCARC—June 2024

Sun Mon Tue Wed Thu Fri Sat

						I Social Saturday GB Mic & Key Hamfest Amateur Radio License Exam
2	3	4 2 Meter Digital Net (TBD) 8:00 pm	5 2 Meter Net - (WI4WD) 8:00 pm	6	7	8 Flag Day Parade
9 SSTV 2 Meter Net — 6:00 pm (WA9TT) 2-Meter CW Net — 8:00 pm	10 Board of Directors Meeting— 7:00 pm	11 220 Monthly Net 8:00 pm	12 2 Meter Net - (KC9TFM) 8:00 pm	13	14 	15 Sunshine Hamfest
16	17 General Membership Meeting — 7:00 pm	18 6 Meter Net - (TBD) 8:00 pm	19 2 Meter Net - (WA9TT) 8:00 pm	20	21	22 ARRL Field Day
23 ARRL Field Day	24	25	26 2 Meter Net - (WI9MMM) 8:00 pm	27	28	29
30						

FCARC—July 2024

Sun Mon Tue Wed Thu Fri Sat

	1	2 2 Meter Digital Net (TBD) 8:00 pm	3 2 Meter Net - (KC9THF) 8:00 pm	4 	5	6 Social Saturday
7	8 Board of Directors Meeting— 7:00 pm	9 220 Monthly Net 8:00 pm	10 2 Meter Net - (W9SJO) 8:00 pm	11	12	13
14 SSTV 2 Meter Net — 6:00 pm (KB9YUC) 2-Meter CW Net — 8:00 pm	15 General Membership Meeting — 7:00 pm	16 6 Meter Net - (TBD) 8:00 pm	17 2 Meter Net - (KE8KWF) 8:00 pm	18	19	20 Amateur Radio License Exam
21	22	23	24 2 Meter Net - (WI4WD) 8:00 pm	25	26	27
EAA AirVenture						
28	29	30	31 2 Meter Net - (KC9TFM) 8:00 pm			
EAA						

FCARC—August 2024

Sun Mon Tue Wed Thu Fri Sat

				1	2	3 Social Saturday
4	5	6 2 Meter Digital Net (WI9MM) 8:00 pm	7 2 Meter Net - (WA9TT) 8:00 pm	8	9	10
11 SSTV 2 Meter Net — 6:00 pm (WI9MMM) 2-Meter CW Net — 8:00 pm	12 Board of Directors Meeting— 7:00 pm	13 220 Monthly Net 8:00 pm	14 2 Meter Net - (WI9MMM) 8:00 pm	15	16	17 FCARC Picnic & Fox Hunt 
18	19	20 6 Meter Net - (TBD) 8:00 pm	21 2 Meter Net - (KC9THF) 8:00 pm	22	23	24
25	26	27	28 2 Meter Net - (W9SJO) 8:00 pm	29	30	31

FCARC—September 2024

Sun Mon Tue Wed Thu Fri Sat

1	2 LABOR DAY	3 2 Meter Digital Net (AB9AH) 8:00 pm	4 2 Meter Net - (KE8KWF) 8:00 pm	5	6	7 Social Saturday
8	9 Board of Directors Meeting— 7:00 pm	10 220 Monthly Net 8:00 pm	11 2 Meter Net - (WI4WD) 8:00 pm	12	13	14 Amateur Radio License Exam
15 SSTV 2 Meter Net — 6:00 pm (WA9TT) 2-Meter CW Net — 8:00 pm	16 General Membership Meeting — 7:00 pm	17 6 Meter Net - (TBD) 8:00 pm	18 2 Meter Net - (KC9TFM) 8:00 pm	19	20	21 WIPOTA
22	23	24	25 2 Meter Net - (WA9TT) 8:00 pm	26	27	28
29	30					



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 _____

Crossword Solution

From Page 8

M	I	L	E		F	L	U	X		S	P	A	R	K
I	C	O	M		R	E	T	E		P	U	R	E	E
N	O	A	A		E	I	C	O		E	L	E	G	Y
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Submit your ideas for content, contributions, or items for sale for future editions of QSO'er to Gene Wall (KE8KWF) at ke8kwf@gmail.com. There are no special formatting requirements. All ideas are welcome. Together we can make our newsletter a useful addition to your shack.