

#### FOX CITIES AMATEUR RADIO CLUB, INC.





P.O. Box 2346 Appleton, Wisconsin 54912

www.fcarc.club

**July 2023** 

Volume 37, Issue 5 July 2023 Issue

#### 2022 "Ham of the Year" Joel Kasper, WI4WD

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## FCARC Annual Corn Roast and Pot Luck

August 19, 2023
Sunset Park, Kimberly
Shelter 1

Bring your favorite dish to pass.

The club will provide drinks, corn on the cob, and other grill worthy proteins.





Thanks to all of the members
that made this year's Field Day
that made this year's Field Day
one of the best in our club's
one of the best in our club's
history. We had about 25
history. We had about to making
members contribute to making
one contacts
approximately 306 contacts
approximatel

Thank you to all FCARC members who volunteered their time to assist with CommunityFest. Without your support the event would not have been nearly as successful. We hope you will join us in 2024.

#### **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 (KD9WCK)



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.











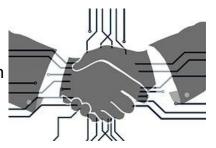




#### **Recruit a New Member**

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





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.

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



#### **FCARC Foxhunts**

The next Fox Hunt will be August 19, 2023 at the FCARC picnic.



147.555 MHz See you out there!

#### **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.

#### **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 Data Changes	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 Operators	740-9408
WJ9K - Rick	Getting on the Air	809-1010

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.
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### **Notes From the July Membership Meeting**

#### Proposal For a FCARC 70 cm Net

Member at Large, Rod Roller (KD9WCK) is exploring the level of interest from the FCARC membership of introducing a 70cm net. The purpose of this net would mirror the FCARC 2m net, but also increase the utilization of the FCARC 70cm repeater.

If you have an opinion on whether or not the FCARC should add a 70cm net to our current lineup of on-the-air activities, please share your thoughts via email with Gene Wall (KE8KWF) Rod Roller (KD9WCK).

#### **FCARC Summer Picnic**

Details are on page 1 of the newsletter.

#### **Monthly Meeting Program**

Larry Peterson (WA9TT) presented an explanation of what Standing Wave Ratio (SWR) & Return Loss (RL) are. Larry provided both a graphical and mathematical representation of both terms in addition to explaining their implications on making successful contacts.

#### **EAA Special Events Station**

Jon Oldenburg (AB9AH) is looking for a club member to take over coordination for future EAA special events station activities.

### Membership Report 109 active members on the roster!

#### **Monthly Tech Tip**

Chris Rietz (N9CVR) described how capacitors are designed in addition to highlighting their significance of storing an electric charge for later use. He also explained that a capacitor will introduce a 90-degree phase shift into a circuit which can be used for filtering.

#### **VE Testing**

The next VE testing is July 22, 2023. Registration is from 8:00 - 9:00. Bring a copy of your current license if you are upgrading.

#### **Wisconsin POTA**

Larry Peterson (WA9TT) announced that Wisconsin POTA will be held on September 16th. Flyers were available at the meeting.

#### Jamboree On the Air

Mark your calendars to support the 2023 Jamboree On the Air. The event will be October 17th. Operators are needed to talk with Scouts on the air through the day.

#### Field Day Prize Winner!

Scott Macheichok (KG9HY)

## FCARC HF Radio Raffle Yaesu FT-710

### Only 100 tickets will be sold!

\$20.00 per ticket

Contact Donna Mendyke (KC9THF) to purchase your chance to win this amazing radio.

All profits from this raffle support the sustainment and upgrade of the FCARC amateur radio infrastructure used to support out community and advance the hobby of ham radio.





## 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 7/21/23

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
Battery			N9CVR	24v-20AH or 12v-40AH switchable SLA
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	СРО	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

#### **FCARC Ham Exams**

Maplewood Middle School 1600 Midway Road, Menasha, 54952

July 22 September 16

November
(at the FCARC Hamfest)

Registration starts at 8 am and ends at 9 am. Preregistration is encouraged. A government issued picture ID is required. Please see the ARRL.org website, license information, for 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 2-weeks prior to the test.

Important! If you will be upgrading you must provide a copy of your current license to be attached to your application. Your application can not be processed without a copy of your current license. 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

# EAA Special Events Station July 24-30 On the grounds of EAA AirVenture

Stop by and visit the station if you are on the EAA grounds. The station is located in KidVenture, north of the museum, adjacent to the Pioneer Airport hangers. Cross the grass landing strip at the signs and follow the guides across the active runway.



Reprinted from the ARRL website with additional contributions from FCARC member, Deenah St Clair (KD9TXA).

## Commercial Interests Petition FCC for High Power Allocation on Shortwave Spectrum

The ad hoc group "Shortwave Modernization Coalition" petitioned the Federal Communications Commission (FCC) to allow data communications on multiple bands within the HF 2 – 25 MHz range with up to 20 KW, including in bands immediately adjacent to spectrum allocated to the Amateur Radio Service. This group appears to represent high-speed stock trading interests.

The National Association for Amateur Radio® is treating the petition as a subject of concern for its members and the greater Amateur Radio Service. ARRL Laboratory staff are studying the matter from a technical standpoint, including analysis of transmitted signals potentially interfering with Amateur Radio communications on Amateur Radio spectrum. The results from this expert review are being finalized and will inform ARRL's filed comments on the matter.

The FCC has assigned the petition RM-11953. Comments are due by July 31, 2023, and reply comments by August 15. While the petitioners exclude the amateur bands, high power operations on immediately adjacent bands are proposed.

A copy of the petition is at: https://www.fcc.gov/ecfs/document/1042840187330/1 (PDF). WE NEED YOUR HELP! Please make a comment to the FCC in this matter.

- Step 1 Please go to https://www.fcc.gov/ecfs/filings/express (If you have pop up blockers on, you may have to disable them for this process)
- Step 2 In the proceeding box type 11953 then select RM 11953 (Shortwave Modernization Coalition) Petition) make sure it populates in the box.
- Step 3 Enter your information. Use the first zip code box, no need to use zip+4.
- Step 4 In the brief comment box put your call sign followed by:

  I (*Name and call*) am opposed to the implementation of RM-11953.

You may use your own wording however, Please do not add angry comments. We need the FCC on our side, so buy adding any profanity or rude comments, it will only make the Amateur radio community look bad. WE DON'T WANT THIS!

- Step 5 Click proceed to review screen. Make sure your information is correct.
- Step 6 Submit your comment.

That's it! You just did your part to help out the Amateur radio community. If you have and questions, or having problems doing this feel free to contact me directly at dstclaire@protonmail.com or give me a call and I will assist you

Deenah St Claire (KD9TXA) FCARC Membership Coordinator



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

102 inch collapsible SS whips \$10.00 213 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 <a href="http://www.jse-repair.com">http://www.jse-repair.com</a>

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.



#### **ARRL Hamfests and Conventions in Wisconsin**

8/5/2023 - Riverland Amateur Radio Club Swapfest

Location: La Crosse, WI

Sponsor: Riverland Amateur Radio Club

Website: http://rarc.qth.com

11/04/23 - WI ARES/RACES Conference

09/22 - 23/ 2023 - HRO Superfest / State Convention

Location: Wisconsin Rapids, WI

Type: ARRL Convention Sponsor: WeComm Ltd

Location: Milwaukee, WI

Type: ARRL Hamfest

Sponsor: HRO

Website: http://wi-aresraces.org/

8/12/2023 - CVARC 2023 Hamfest Location: Chippewa Falls, WI

Sponsor: Chippewa Valley Amateur Radio Club

Website: https://w9cva.org/hamfest

08/26/2023 - Circus City Swapfest

Location: Baraboo, WI Type: ARRL Hamfest

Sponsor: Yellow Thunder Amateur Radio Club

Website: http://yellowthunder.org

09/09/2023 - ORC Annual Regional Fall Swapfest

Location: Cedarburg, WI Type: ARRL Hamfest

Sponsor: Ozaukee Radio Club (ORC) Website: http://www.OzaukeeRadioClub.org

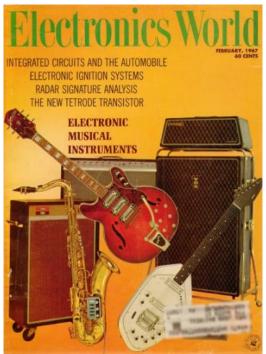




"Why should we buy a carpet that covers one room when for the same amount of money we can buy a radio that covers the whole world?"

The comic to the left was taken from the February 1967 edition of "Electronics World"

Magazine, page.



### **HAM Radio Trivia**

Try your luck at answering these HAM trivia questions. The answers are at the bottom. What was the size of the US ham population in 1958?

- A) 160,000 B) 220,000 C) 340,000 D) 410,000
- 2. Besides the invention of the telegraph, what else was Samuel Morse known for?
- A) Inventing a type of oscillator B) his poetry C) a machine gun and silencer D) his paintings
- 3. How many US callsign areas are adjacent to only one other callsign area?
- A) 1 B) 2 C) 3 D) 4
- 4. What does the term "cans" mean in ham radio slang of long ago?
- A) Metal cased filter capacitors B) Old style metal cased nickel iron storage batteries
- C) headphones D) metal tubes
- 5. A grid dip meter can measure the resonant frequency of an antenna.
- A) True B) False

Pins

1 2 3 4

#### Across

- Tube connection\*
- 5. Close-knit group
- 10. Tube conn.\*
- 14. Verdi opera
- 15. Ten-Tec rig
- 16. Ten-Tec rig
- 17. After-bath powder
- Kazakhstan prefix
- Bushel quarter
- 20. With 53 across, describes the \* words
- 22. Analyze syntactically
- Window alternative
- ARRL org. pertaining to SS, others
- Beast of burden
- 28. Turner of TV channels
- 29. Platform on a ship's mast (a place for a /MM antenna?
- Odwalla fruit and \_\_\_\_

31	32
П	
П	
П	
П	
55	56
П	
П	
+	
- -	55

5 6 7 8 9 10 11 12 13

- Not brilliant
- 36. Best kind of tower
- New England net
- Transistor conn.\*
- Singer Ronstadt
- 40. UA assembly
- Cutter
- 42. Digital mode
- Delta follower
- 45. YLRL non-member
- 46. "\_\_\_ we having fun yet?"
- Caller for calls
- 48. T8 land
- 50. RG8 ground
- 53. See 20 across
- 57. CW
- 58. Thomy
- 59. 7800 maker

- 60, H.S. tests
- Cycle user
- 62. Put one's foot down?
- 63. Transistor conn.\*
- 64. TI land first name
- 65. D.C. group

#### Down

- 1. Tube or Transistor connection\*
- EP coin
- Like some chatter
- S2 capital, old-style
- 5. Swift horse
- Noted traitor
- 7. Device with only a 25 down and 10 across
- Recent UA prefix, especially, e.g. M-V Is.
- W1 dir. from W7

- 10. Just fine
- Part of ARRL (abbr.)
- Ckts. for 42 across use
- Go backpacking
- 21. Ten-Tec amplifier
- 22. Golfer's goal
- Computer port type
- 25. Tube connection\*
- 26. Gray line time
- 27. Flower towers
- 29. Tube conn.\*
- 30. JA poem
- 30. JA poem
- OOTC member, to an OTC member, probably
- Tube connection\*
- 34. Smartest
- Jones' partner
- 38. Plains states NTS org
- KH6 porch

- 41. The only CW most people know
- 42. KH5 land
- CRT successor
- 45. OJ0 reef
- What output power does, in resonance
- Ohms, volts, and others
- Transistor connection\*
- Drift
- Prefix with VOX
- Kenwood, once
- 54. Antenna farm unit
- 55. "Crazy" bird
- Tiny parts
- Big G SW org.

### Crossword Solution From Page 10



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.

## FCARC—July 2023

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						I
2	3	4 Communityfest 2 Meter Digital Net (N9AOT) 8:00 pm	5 2 Meter Net - (KC9TFM) 8:00 pm	6	7	8
9 SSTV 2 Meter Net — 6:00 pm (KB9YUC) 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 - (WI9MMM) 8:00 pm	13	14	15
16	17 General Membership Meeting — 7:00 pm	18 6 Meter Net - (WA9TT) 8:00 pm	19 2 Meter Net - (KC9THF) 8:00 pm	20	21	22 Fox Hunt - 7:30 am  VE Testing 8 am - II am
23	24  ANINIVERSARY	25	26 2 Meter Net - (WA9TT) 8:00 pm	27	28	29
30	31		EAA Special	Events Static	JII	
EAA						

## FCARC—August 2023

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		I 2 Meter Digital Net (WI9MMM) 8:00 pm	2 2 Meter Net - (N9CVR) 8:00 pm	3	4	5
6	7	8 220 Monthly Net 8:00 pm	9 2 Meter Net - (KE8KWF) 8:00 pm	10	111	12
I3 SSTV 2 Meter Net — 6:00 pm (N9CVR) 2-Meter CW Net — 8:00 pm	I4 Board of Directors Meeting— 7:00 pm	15	16 2 Meter Net - (WI4WD) 8:00 pm	17	18	Fox Hunt - 7:30 am (147.555 MHz)
20	21	22 6 Meter Net - (AJ9L) 8:00 pm	23 2 Meter Net - (KC9TFM) 8:00 pm	24	25	26
27	28	29	30 2 Meter Net - (WI9MMM) 8:00 pm	31		

## FCARC—September 2023

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					I	2
3	4 LABOR	5 2 Meter Digital Net (AB9AH) 8:00 pm	6 2 Meter Net - (KC9THF) 8:00 pm	7	8	9
I0 SSTV 2 Meter Net — 6:00 pm (WA9TT) 2-Meter CW Net — 8:00 pm	II Board of Directors Meeting— 7:00 pm	12 220 Monthly Net 8:00 pm	13 2 Meter Net - (WA9TT) 8:00 pm	14	15	I6 VE Testing 8 am - II am Wisconsin POTA
17	I8 General Membership Meeting — 7:00 pm	19 6 Meter Net - (WA9TT) 8:00 pm	20 2 Meter Net - (N9CVR) 8:00 pm	21	22	23 Fox Hunt - 7:30 am (147.555 MHz)
24	25	26	27 2 Meter Net - (KE8KWF) 8:00 pm	28	29	30

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## FCARC—October 2023

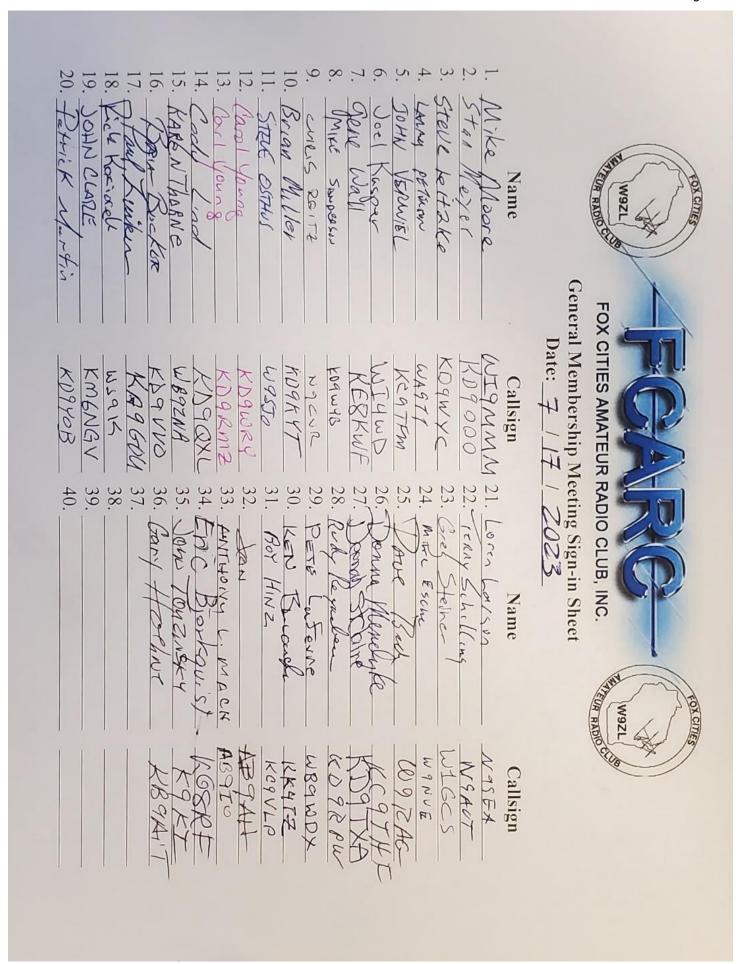
Sun	Mon	Tue	Wed	Thu	Fri	Sat
I	2	3 2 Meter Digital Net (Wi4WD) 8:00 pm	4 2 Meter Net - (WI4WD) 8:00 pm	5	6	7 St Joe's Food Pantry Run/Walk
8 SSTV 2 Meter Net — 6:00 pm (WIQC)  2-Meter CW Net — 8:00 pm	9 Board of Directors Meeting— 7:00 pm	I 0 220 Monthly Net 8:00 pm	II 2 Meter Net - (KC9TFM) 8:00 pm	12	13	I4 Jamboree On the Air
15	16 General Membership Meeting — 7:00 pm	6 Meter Net - (WA9TT) 8:00 pm	18 2 Meter Net - (WI9MMM) 8:00 pm	19	20	2 I Fox Hunt - 7:30 am (147.555 MHz
22	23	24	25 2 Meter Net - (KC9THF) 8:00 pm	26	27	28
29	30	31				

## FCARC—November 2023

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			I 2 Meter Net - (WA9TT) 8:00 pm	2	3	4
DAYLIGHT SAVINGS ENDING Parameter for far fair fact.	6	7 2 Meter Digital Net (WA9TT) 8:00 pm	8 2 Meter Net - (N9CVR) 8:00 pm	9	10	II VETERAND
SSTV 2 Meter Net — 6:00 pm (KB9YUC) 2-Meter CW Net — 8:00 pm	Board of Directors Meeting— 7:00 pm	14 220 Monthly Net 8:00 pm	15 2 Meter Net - (KE8KWF) 8:00 pm	16	17	18
19	20 General Membership Meeting — 7:00 pm	21 6 Meter Net - (WI4WD) 8:00 pm	22 2 Meter Net - (WI4WD) 8:00 pm	23 Happy Thanksgiving	24	25
26	27	28	29 2 Meter Net - (KC9TFM) 8:00 pm	30		

## FCARC—December 2023

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					I	2
3	4	5 2 Meter Digital Net (KB9AIT) 8:00 pm	6 2 Meter Net - (WI9MMM) 8:00 pm	NATIONAL PEARL HARBOR  Temembrance Dry	8	9
I0 SSTV 2 Meter Net — 6:00 pm (N9CVR) 2-Meter CW Net — 8:00 pm	II Board of Directors Meeting— 7:00 pm	12 220 Monthly Net 8:00 pm	13 2 Meter Net - (KC9THF) 8:00 pm	14	15	16
17	18 General Membership Meeting — 7:00 pm	19 6 Meter Net - (KB9AIT) 8:00 pm	20 2 Meter Net - (WA9TT) 8:00 pm	21	Happy Winter Seletice	23  ** ** ** ** ** ** ** ** ** ** **
24	25 MERRY	26 HAPPY BOXING DAY!	27 2 Meter Net - (N9CVR) 8:00 pm	28	29	30
NEW YEAR'S EVEN			Lonwight ( )	023, FOX Cities Amo	alonk kaalo ( lub	411 KIGNIC KASAMVAA





### 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	d 🗆 Student									
Call Sign	License Class		_ARRL Member?	Yes No						
Name		Phone _								
Address										
City		State	ZIP							
Email										
\$10.00 Free \$5.00 each	Full, Associate (non ha Student School New Ham (FCARC VE cert Additional Family Men Donation (Optional)	ificate required)								
My Family Member is Joir	My Family Member is Joining or Renewing:									
☐ New member ☐ Rene	ewal									
Call Sign	License Class		_ARRL Member?	Yes No						
Name		Phone _								
Email										
□ New member □ Ren	ewal									
Call Sign	License Class		_ARRL Member?	Yes No						
Name	NamePhone									
Email										
Note: Family members must reside at ti	he same address									
Note: Please see the treasurer for an Al	RRL dues form. Our club will receive a	portion of those dues i	f you sign up or renew thro	ugh us.						
Your contribu	Amatuer Radio Club, inc. is a 501(c)3: tion supports our community service a deductible to the fullest extent of the l	and public safety activit								
reasurer Use: mount Paid \$ heck # or method of payment aid through 12/31/ ate Deposited	Wo	QuickBooks Updated Website Updated HamClubOnline Updated								