FOX CITIES AMATEUR RADIO CLUB, INC.

QSO'ER

W9ZL

SPECIAL SERVICE CLUB

P.O. Box 2346 Appleton, Wisconsin 54912

www.fcarc.club

November 2023

Volume 37, Issue 8
Your Thanksgiving Edition

2022 "Ham of the Year" Joel Kasper, WI4WD

Inside this issue:

FCARC ANNUAL CHRISTMAS POT LUCK

Monday, December 18, 2023
7:00 pm

Maplewood Middle School
(our normal meeting location)

A short General Membership Meeting will kick off our evening with a potluck meal to follow.

Please bring a dish to pass.

Santa Net
3.916 Ham Radio
CQ SANTA.com

Share the magic of the Christmas season with your children and grandchildren. Log on to the Santa Net to talk with Santa starting on Thanksgiving Day through Christmas Eve on 3.916 MHz at 7:00PM Central Time (check-ins open 1/2 hour before).

If you don't have an HF rig, you can listen to a live stream from Dan, KC9DK, streams the Santa Net live on YouTube.

Congratulations Dan Mendyke on winnding the FCARC HF Radio Raffle
Yaesu FT-710

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 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.

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

Google Voice

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.

FCARC Foxhunts

The next Fox Hunt will be January 2024.

147.555 MHz
See you out there!

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

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.

SHOW and TELL #1

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.

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.

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 10/21/23

Item	Make	Model	Owner	Notes
Coax / Powerpole crimper			N9CVR	contains all required tools for crimping coax and powerpole 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 for fox hunting
offset attenuator	KC9ON		N9CVR	
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

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 $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 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

A Review of the Zumspot Elite 3.5
By Gene Wall

A few years ago at Dayton Hamfest I stopped by the Zumspot display and was tempted to by one of their first generation Raspberry Pi hotspots to start exploring digital radio. I didn't make the purchase until a few months ago when HRO had the Zumspot Elite 3.5 on sale. I was attracted to the sleek look and feel of the mini computer, plus some positive reviews.

When I opened the Zumspot box there were no instructions on setting the unit up; all of the instructions are found online and on YouTube videos. The overall setup took less than 30 minutes before I was able to make my first contact on Americalink. The advertised touchscreen (which does nothing at all if you touch it) is a flashy looking interface that is easy to read and monitor traffic coming in and out of your radio. After playing on the system for a few hours I went to bed and came back to the radio the next morning to find the Zumspot "locked up" and nothing was working. After two weeks of troubleshooting, and talking with HRO on how to reflash the SD card with new Pi-Star software, HRO advised me to send the unit back for them to look at it. HRO Milwaukee had my rig for just short of two months before shipping it back.

A few days after receiving the Zumspot back from HRO, I hooked it up again. This time it worked for about three days, and it hasn't worked since. The computer will not get past the initialization screen this time. A web search of the Pi-Star forums shows that this is a common problem with a wide variety of solutions offered. The webpage interface to configure the Pi-Star shows that everything is working, but that is far from the truth. Reflashing the SD card with a fresh version of the Pi-Star software is still a struggle, even for a tech savvy person. I have now put the unit back in it's box and placed on the shelf in the garage with all of my other radio boxes. It is not the first time I've purchased something I didn't end up liking, and it won't be the last. I give this product 1 star.

"Mechanical Engineer Designs Electronic Device and Survives!"

Don't tell the other mechanical engineers, but Chris, N9CVR, has an electronics addict---er, hobby. His dad introduced him to it at a very young age; at age 5, he was taking apart garage sale VCRs for fun. But he never really progressed past plugging wires into a breadboard and hoping it works, until he was given a small, empty, circuit board by club VP Andy, AJ9L. He eventually specified the parts for it, and built a cascade effect pulse generator. And thus, the demon was unleashed.

Being an engineer, Chris wanted to standardize his radio shack, so when he learned how heavily Anderson Powerpoles are used in the ARES/RACES community, he started work on switching his radios over. But he struggled to find a good, portable solution for fuses. It seems everyone else either chopped up the cable that came with their radio, or bought large, heavy distribution blocks. This sounded like an easy DIY project!

And it was...sort of. His first challenge was designing a printed circuit board (PCB). During the pulse generator project, Chris had learned of the existence of PCB printing houses (Oshpark and PCBWay are two examples). The boards are printed from Gerber (.grb file extension) files, which can be created using special electrical CAD software. There are many options for PCB design software, but one stood out to Chris - KiCad. KiCad is a free, open-source, full featured PCB design suite which runs on Windows, Mac and Linux. On top of that, DigiKey and Shawn Hymel, formerly of SparkFun Electronics, have put together a playlist of 10 easy-to-follow YouTube tutorial videos (just search 'kicad tutorial' and it'll be the first link) which take you through the entire design process.

But, Chris was getting ahead of himself. In order to design a PCB layout, you need to know not only what components you'll be using (e.g., a Powerpole connector), but also its shape, lead spacing, etc. This meant specifying the parts for the fuse block. This meant combing through various electronics supply web catalogs for parts that would work, then comparing them across suppliers to ensure lowest cost. Then it was back to KiCad to make the final layout. This layout got exported into Gerber files, zipped up, and sent to the PCB manufacturer.

About a week and a half later, Chris had all of the components to build his first prototype. He put them together and...they didn't work as he had expected. Chris went back to the parts catalogs, combed through datasheets and found parts that would work better. He then made the appropriate modifications in KiCad. Round 2 of boards was sent out for manufacture, Round 2 of parts came in, and were delivered another couple weeks later (shipping from China can take a while!). This time, the design worked!

However, Chris was far from done. Components on a bare PCB are very lightweight, which is great for QRPers, but most hams, Chris included, would rather a nice enclosure, to protect the board in case of a surprise downpour. Chris has spent many years using Solidworks 3D CAD software, so this wouldn't be a challenge. Wrong again! Solidworks is VERY expensive, and has very strict licensing terms regarding commercial use. As it turned out, though, free, open-source 3D CAD software also exists in the form of FreeCAD. Using FreeCAD, Chris designed an enclosure.

Getting started injection molding plastics is prohibitively expensive - designing and machining a molding die can cost tens of thousands of dollars. In the past few years, however, 3D printers have become accessible to hobbyists, so Chris settled on printing his enclosure. This was (and continues to be) probably the most complicated part of the entire fuse block project. While a 3D printer can be bought for less than $200, Chris has struggled to keep his printing reliably for a variety of reasons, which could fill an entire article on their own.

However, after all that, the result is a roughly 3.5in by 1in by 1in inline Powerpole fuse block that Chris has un-creatively named the FB001. It weighs less than one ounce with fuses installed. It was a great learning experience - he learned several pieces of software, got a great insight into the electronics design process and learned a LOT about 3D printing (often the hard way). Chris has made the FB001 in various styles - a finished fuse block, a kit with a link to print your own enclosure and a kit with a pre-printed enclosure, for those who don't have a 3D printer.

If you are interested in a fuse block kit, please contact Chris at chris.n9cvr@gmail.com. Club member pricing for kits is $10, Kit + enclosure is $30 and a finished FB001 is $40.

Minutes of the November FCARC General Meeting

Per the organization bylaws, a quorum was achieved. There was a quorum with a total number of 32 in attendance. Mike Moore (WI9MMM) called the meeting to order at 7:00 p.m. Roll call was taken by all members in attendance.

Committee Reports
Secretary – Gene Wall (KE8KWF) – Nothing significant to report.
Treasurer – Donna Mendyke (KC9THF) – Donna provided an update on the account balances as of November 8, 2023. She also encouraged people to renew their membership at the meeting.
Membership Coordinator – Deenah St Claire (KD9TXA) – 132 on the membership roster. She is holding at least 10 new applications to be processed.
Technical Director – Larry (WA9TT) presented a short talk about QRP, the Q-code for low power transmission, and with a brief mention of QRO, the Q-code for high power transmission (100W or more).
Members at Large – If you have an idea for a program that you can give or would like to see, please speak to Dave (W9RAG), Rudy (KD9RPW) or Rod (KD9WCK).

Special Committees
Repeater Committee – Andy Lawton (AJ9L) – 145.33 is back on the air.
Website Committee – Dave Sprangers (ND9DW) –   The current website is up and running and is working on designing a new website. The new website will have a simplified layout and simple content. The rosters will move over to hamclubonline.com.
Maplewood Middle School Station – Joel Kasper (WI4WD) – Joel continues to work on finding the right points of contact with the school to partner with on the school station.
License testing – Rick Kosiorek (WJ9K) – The last exam at the Swapfest. For future testing, candidates will only need to prove they have a license to the three VEs registering at the test site. Additionally, Rick is going to file test results electronically. This should expedite the notifications from the FCC.
Strategic Vision – Terry Schilling (N9AOT) – Nothing significant to report.
Public Information – Carol Young (KD9WRY) – Nothing significant to report.

New Business - No new business was presented at the meeting.

Old Business
FCARC Potluck: Monday, December 18, 2023. Bring a dish to pass. We will take nominations for the Ham of the Year (HOTY) at the next meeting.
Winter Field Day: January 27, 2024.
FCARC Banquet: February 24, 2024.
Jamboree On the Air: Larry (WA9TT) gave an update on the event.
Hamfest: Sunday, November 5, 2023. Tony Mach (AB9IO) gave an update on the Hamfest. Additionally, Tony provided a financial report on the expenses and profits from latest Hamfest. Printed reports were distributed to the membership for their consideration..
License Testing: November 5, 2023, was the last test session for the calendar year.

Technical Questions/Topic – Tony Mach talked about participating in the ARRL frequency measurement test.

Show and Tell – none.

FT-710 Raffle Tickets: the radio was won by Dan Mendyke, W0RD.

Program – Coax – Mythbuster's Edition, presented by Andy Lawton, AJ9L.

Reminders
- Next Board of Directors Meeting is December 11, 2023 and the General Membership Meeting is November 20, 2023
- The next General Membership Meeting and Christmas Potluck is scheduled for December 18, 2023.
- Start thinking about the next HAM of the Year. Nominations will be accepted in December and January.
- Any By-Law changes must be submitted before the April Board of Directors meeting.

50/50 Raffle – The prize was cash. John Verwiel (KC9TFM) won!

Adjourn at 8:15 pm

SALE

YAESU The radio   *System Fusion*

FTM 400/DR

A great radio to use on the FCARC monthly Fusion Nets!

Many club members have this radio and can offer help and support.

The FTM-400DR performs flawlessly using both Analog FM and C4FM Digital. So there will be no loss of communications among friends who have not yet chosen to transition to Digital.

Enjoy the easy operation that comes from the FTM-400 big 3.5-inch full color and its touch panel operation. The icon symbols, multi-function key display and pop-up messages are all displayed in high-resolution color thanks to the full-color, high luminance TFT liquid crystal screen. The settings and status of the wireless devices are displayed in an easy-to-understand format. You can perform various operations simply and easily by gently touching the screen.

Screen options include:
- Band Scope Screen
- Altitude Screen
- APRS® Screen
- Smart Navigation Screen
- Frequency Direct Input Screen
- Clock / Timer Screen

Receive
108 - 137 MHz (Air Band)
137 - 174 MHz (144 MHz HAM)
174 - 400 MHz (GEN1)
400 - 480 MHz (430 MHz HAM)
144 - 146 MHz or 144 - 148 MHz
430 - 440 MHz or 430 - 450 MHz

**Asking $400.00
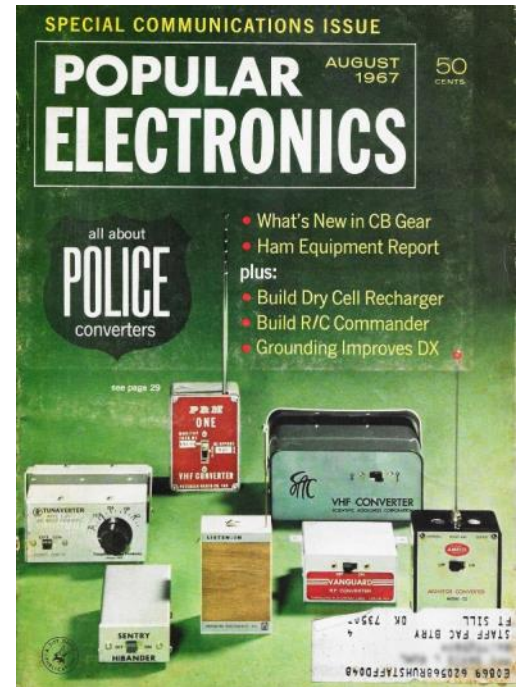Terry N9AOT
Call or text 920-275-2937**

The comic to the left was taken from the August 1967 edition of "Popular Electronics" Magazine, page 93.

"$659.00 worth of equipment and I can't get a signal past the city limits."

HAM Radio Trivia

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

In bygone days, all Soviet hams would ask you to QSL to:

A) Box 66, Moscow   B) Soviet Radio Association (SRA)   C) Box 88, Moscow
D) ARRL Soviet Union Outgoing QSL Bureau

2. In what year was the first no-code Technician license granted?

A) 1990   B) 1991   C) 1995   D) 1996

3. At what frequency is the 23-centimeter band located?

A) 440 MHz   B) 902 MHz   C) 1.2 GHz   D) 222 MHz

4. The "Conditional Class" ham license was:

A) The first "no code" license.   B)   A "learner's permit" for hams that required no test at all. C) The same as General Class, but given by mail.   D) The original name for "Novice Class."

5. During World War II --

A) Hams in the USA could only operate on 144 MHz and above.   B) Hams in the USA could operate, but could not talk to DX stations.   C) No ham transmitting was allowed in the USA at all.
D) Ham operation in the USA was restricted to daylight hours.

1. C) Box 88, Moscow | 2. B) 1991 | 3. C) 1.2 GHz | 4. C) The same as General Class, but given by mail. | 5. C) No ham transmitting was allowed in the USA at all.

by Chris Codella, W2PA

Ham Humor, Part 1

Across

1. Four after A
5. High frequency prefix
10. Two is one
14. Dubai designator
15. Best condition for contesting, or tower climbing, say
16. ZS neighbor's prefix
17. AI language
18. Diminish
19. FET type
20. With 41 and 52 across, society highlighted in 36 across and founded by 31 down
23. VE2 way
24. They make some displays play
28. Skedaddles
31. Buzzer (non-RF)
33. 5N dough
34. Mint alt., on eBay, e.g.
35. "Excuse me", low in the band
36. QST department
37. React. plus res.
38. Hams love them
40. Bird word
41. See 20 across
43. Owns
44. Coffee maker
45. "Sesame Street" regular
46. Cut 100
47. Salad green
49. Kane's word
51. "QRZ?"
52. See 20 across
58. N.Y.C. part
61. 4W, was CR8 during the time of 31 down writing 36 across
62. Tuvalu
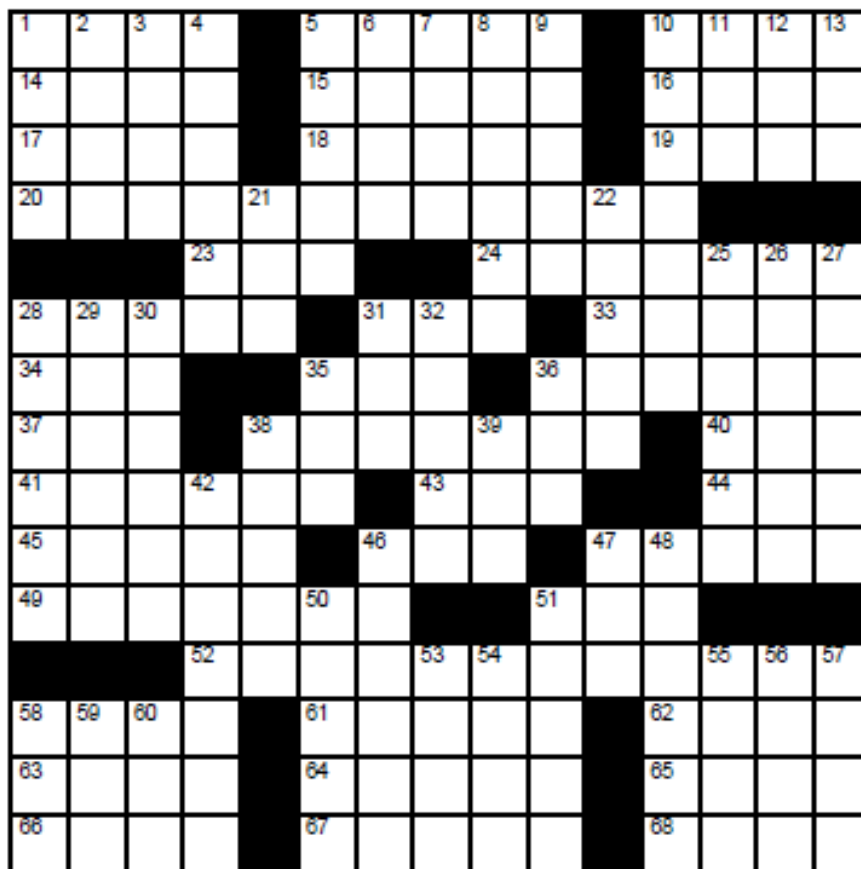63. Houston university
64. 31 down's prefix
65. She sheep

66. Rotating rings for towers
67. "Yes, Sen. Kennedy", familiarly
68. Zero

Down

1. Unadorned
2. Nassau prefix
3. EME antenna
4. IC-7800, say, in JA
5. Grammar topic
6. Radiation pattern feature
7. Ski lift
8. Respond again, on RTTY, say
9. "He's ___ nowhere man"
10. Tool for reducing spectrum width?
11. 20's dispenser
12. JA transceiver maker middle
13. Don'ts partner

21. Famous DXpedioner, when 31 down wrote 36 across, familiarly
22. Trillions of zeptos
25. Goof
26. Passions
27. 5th century G-land settlers
28. Last second on-line bidder
29. D6 place
30. Poplars, in W0, say
31. Callsign suffix of one time 36 across writer and creator of 20 across.
32. Zero zulu in two-land June
35. Articulate
36. Very popular examples of 38 across
38. Early radio maker
39. Fast no more
42. Decorates 60's-style
46. "...like taking _____

from a fire hose." (information overload)
47. Half a Latin dance
48. T.O.M.'s series of articles
50. Where the DX might be listening
51. Kit alternative
53. Radiate
54. UHF antenna type, with dis-
55. Prefix in Lombardia
56. First astronaut ham, familiarly
57. Well known DXer KH6IJ when 31 down ran 36 across
58. Disp. device before LCD, LED
59. Early first century year
60. Inter-area NTS org

Crossword Solution
From Page 9

B	C	D	E	■	U	L	T	R	A	■	B	A	N	D
A	S	I	X	■	S	O	B	E	R	■	A	T	W	O
L	I	S	P	■	A	B	A	T	E	■	N	M	O	S
D	X	H	O	G	G	E	R	Y	A	N	D	■	■	■
■	■	■	R	U	E	■	■	P	L	A	S	M	A	S
S	C	A	T	S	■	B	E	E	■	N	A	I	R	A
N	O	S	■	■	S	R	I	■	H	O	W	S	D	X
I	M	P	■	G	A	D	G	E	T	S	■	C	O	O
P	O	E	T	R	Y	■	H	A	S	■	U	R	N	
E	R	N	I	E	■	A	T	T	■	C	R	E	S	S
R	O	S	E	B	U	D	■	W	H	O	■	■	■	
■	■	D	E	P	R	E	C	I	A	T	I	O	N	
C	I	T	Y	■	T	I	M	O	R	■	T	T	W	O
R	I	C	E	■	W	N	I	N	E	■	E	W	E	S
T	I	C	S	■	O	K	T	E	D	■	N	O	N	E

FCARC—November 2023

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1 2 Meter Net - (WA9TT) 8:00 pm	2	3	4
5 FCARC HAMFEST 7 am	6	7 2 Meter Digital Net (WA9TT) 8:00 pm	8 2 Meter Net - (N9CVR) 8:00 pm	9	10	11
12 SSTV 2 Meter Net — 6:00 pm (KB9YUC) 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 - (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
					1	2
3	4	5 2 Meter Digital Net (KB9AIT) 8:00 pm	6 2 Meter Net - (WI9MMM) 8:00 pm	7 NATIONAL PEARL HARBOR Remembrance Day DECEMBER 7	8	9
10 SSTV 2 Meter Net — 6:00 pm (N9CVR) 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 - (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	22 Happy Winter Solstice	23 HAPPY FESTIVUS!
24	25 MERRY CHRISTMAS	26 HAPPY BOXING DAY!	27 2 Meter Net - (N9CVR) 8:00 pm	28	29	30
31 NEW YEAR'S EVE						

FCARC—January 2024

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2 2 Meter Digital Net (TBD) 8:00 pm	3 2 Meter Net - (TBD) 8:00 pm	4	5	6
7	8 Board of Directors Meeting— 7:00 pm	9 220 Monthly Net 8:00 pm	10 2 Meter Net - (TBD) 8:00 pm	11	12	13
14 SSTV 2 Meter Net — 6:00 pm (TBD) 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 - (TBD) 8:00 pm	18	19	20
21	22	23	24 2 Meter Net - (TBD) 8:00 pm	25	26	27 Winter Field Day Amateur Radio License Exam
28 Winter Field Day	29	30	31 2 Meter Net - (TBD) 8:00 pm			

FCARC—February 2024

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5	6 2 Meter Digital Net (TBD) 8:00 pm	7 2 Meter Net - (TBD) 8:00 pm	8	9	10
11 SSTV 2 Meter Net — 6:00 pm (TBD) 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 - (TBD) 8:00 pm Happy VALENTINE'S Day	15	16	17
18	19	20 6 Meter Net - (TBD) 8:00 pm	21 2 Meter Net - (TBD) 8:00 pm	22	23	24 FCARC Annual Banquet
25	26	27	28 2 Meter Net - (TBD) 8:00 pm	29		

FCARC—March 2024

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5 2 Meter Digital Net (TBD) 8:00 pm	6 2 Meter Net - (TBD) 8:00 pm	7	8	9
10 **WI QSO Party** SSTV 2 Meter Net — 6:00 pm (TBD) 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 - (TBD) 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 - (TBD) 8:00 pm	21	22	23 Amateur Radio License Exam
24	25	26	27 2 Meter Net - (TBD) 8:00 pm	28	29	30 Fox Hunt
31						

April 2024

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2 2 Meter Digital Net (TBD) 8:00 pm	3 2 Meter Net - (TBD) 8:00 pm	4	5	6
7	8 Board of Directors Meeting— 7:00 pm	9 220 Monthly Net 8:00 pm	10 2 Meter Net - (TBD) 8:00 pm	11	12	13
14 SSTV 2 Meter Net — 6:00 pm (TBD) 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 - (TBD) 8:00 pm	18	19	20
21	22	23	24 2 Meter Net - (TBD) 8:00 pm	25	26	27 Fox Hunt
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 Amatuer 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 $_____   QuickBooks Updated _____
Check # or method of payment _____ Website Updated _____
Paid through 12/31/_____   HamClubOnline Updated _____
Date Deposited _____

FCARC

FOX CITIES AMATEUR RADIO CLUB, INC.

General Membership Meeting Sign-in Sheet

Date: 11 / 20 / 2023

#	Name	Callsign	#	Name	Callsign
1.	Mike Moore	WI9MMM	21.	ANTHONY L. MACH	AB9IO
2.	Andy Lawtaw	A39C	22.	Loren Larson	N9SEA
3.	Thomas Frysinger	KD9PZX	23.	Daniel Ellifson	KD9AJI
4.	Rhea Frysinger	N/A	24.	Deanne Sharay	KC9JDX
5.	Alex Finndorf	KD9ZFF	25.	Kirby Sott	KD9QFH
6.	John Verwiel	KC9IPM	26.	Keith Cody	N4PNY
7.	Ruby Payne Dean	KD9RPW	27.	Greg Steine	WI6CS
8.	Donna Mendyke	KC9THF	28.	Del Kasper	WI4WD
9.	Garth Schneider	KD9HHW	29.	Fred Raun	KC9VLH
10.	Steve Leitzke	KD9WXC	30.	Robert Krautkramer	KD9GGX
11.	Dennis StClaire	KD9XKA	31.	Steve Oothus	W9JO
12.	Glen Wall	KE8KWF	32.	Matt Suprise	KD9WAN
13.	John Touzinsky	K9KI	33.		
14.	Jack Marcoe	KD9ZFA	34.		
15.	Paul Zuiben	KA9GOU	35.		
16.	Mike Sanderson	KD9WYB	36.		
17.	Karen Thorne	WB9ZNA	37.		
18.	Eric Johnson	NDOL	38.		
19.	Boy Hinz	KC9VLP	39.		
20.	Dave Sprager	ND9RU	40.		