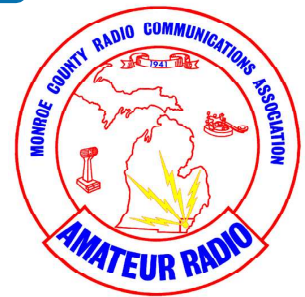


# The Hertzian Herald



May 2025 • Volume 49, Issue 5 • Monroe, Michigan, U.S.A.

## D Fritz Bitz:



Hamfest, Hamfest, Hamfest. If you were waiting patiently to see what da Fritz Bit's was going to be about this month, wait no more. It's going to be about...the Hamfest. First, I'm sure you all know that this is the biggest fundraiser we do all year. I belong to a couple of other clubs that have small break-even hamfests and their dues are at least 2 times more than ours, their 50 – 50 has to help fund the club not a scholarship and they don't have a Class A barbeque at Field day like we do. I don't know of any club that has a Christmas party like we do where the club supplies food and a free gift for everyone, even if it is a hamper (thanks Fred).

We normally have a very good turnout of volunteers for setup and teardown at the hamfest and hope that continues this year. I'll talk more about that at the meeting and will have the sign-up sheets for ticket sales and parking so think about how you can help there.

Another thing we need to start thinking about is that Fred and Brenda have been doing most of the heavy lifting with the hamfest and the Christmas party for over 25 years. We need to get a couple of people to take some of the load off so they can start slowing down a bit. If you would like to help with organizing either the hamfest or the Christmas party, please let me or Fred know by email or at the meeting.

In the mean time, I'm looking forward to the hamfest and Field Day and maybe doing a couple of Park activations in the UP.

73, and see you at the meeting.

Don Fritz  
N8BZN



<http://mcrca.org/>

[www.facebook.com/  
groups/  
1643856795878368/](http://www.facebook.com/groups/1643856795878368/)

### Club Officers

#### PRESIDENT

Don Fritz N8BZN  
donfritz56@gmail.com

#### VICE PRESIDENT

Mike Karmol N8KUF  
mkarmol@bex.net

#### SECRETARY

Fred VanDaele  
ka8ebi@yahoo.com

#### TREASURER

Brenda VanDaele KB8KQC  
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ptrouten@bex.net

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aaron.liske@gmail.com

#### DIRECTOR

Wes Busdiecker KC8SKP  
busdiecw@netscape.net

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## MCRCA Meeting Minutes for April 17, 2025

Meeting called to order at 7:30 pm, by Don N8BZN.

Pledge of Allegiance

Introductions: No new members, one upgrade, Delmer Taylor, and no guests.

**MINUTES:** Motion by Mike N8KUF, supported by Dale WA8EFK, to approve as written in the Herald. Approved.

**TREASURER REPORT:** Motion by Wes KC8SKP, supported by Paul W8PI, to approve the treasurer's report as passed out to the membership. Approved.

**DX REPORT:** Tom KG8P, Strange bands lately, the sun is sending out all kinds of issues.

**Andaman** Island DXpedition is scheduled to begin transmitting on October 19, 2026.

L?ooking for ops. **ZS8W** – Marion Island DXpedition (April-May 2025). After seven years of persistent efforts since 2018, **SV1GA/A** Mt Athos DXpedition. Plagued with problems.

**CONTESTING:** Paul W8PI, QSO parties, NE, MI, ON, FL, 7, IN, DE, New England QP, AR and, CQ WPX CW. Looks like the solar cycle is starting to decline.

**TESTING:** Paul - Next session - Sat. Apr. 19, 2025. **Appointments Preferred - FRN and email req'd**

**CLASSES:** Don - Next class - Sat. Aug. 9, 2025 contact Don N8BZN – Technician class. Had 5 people, all passed.

**Hamfest – Don** – One more meeting before HF

**Field Day – Paul** - Field Day Vienna park has been reserved for June 28 & 29th. Proof of Insurance sent.

**RRRA:** Mike N8KUF, we have the annual meeting coming up on the first Saturday in May 3, 2025 and it will be held at 10:00 am at the Red Cross. Dues \$20 a year, always acceptable. Function is pretty full. 72 to Ida crosslink being worked on. 220 crosslink to Dundee also being worked on. Ottawa Lake is back on the air full time. Receive on Stewart Rd. off air, With new owners, working to gain access.

**OLD BUSINESS:** Club T-shirts, Barb NM8I

**NEW BUSINESS:** Terry N8NYP, is our membership committee.

**DOOR PRIZE DRAWING:** Omar KF8AYH, Scott WA8PYL, Dale WA8EFK

**50/50:** George KB8OSU, donated winnings to scholarship

**ANNOUNCEMENTS:** Cadillac Hamfest May 3<sup>rd</sup> also RRRA Meeting May 3<sup>rd</sup>. **Chelsea hamfest is canceled.** Anyone having articles for the Hertzian Herald please email them to Fred K8EBI

**PROGRAM:** April MCRCA Program will cover effective methods of isolating and identifying sources of Radio Frequency Interference **part two**.

**ADJOURNED:** 9:30 pm

**ATTENDANCE:** 23

KF8AOL Bob  
N8BZN Don  
K8OLV Jeff  
KF8AYH Omar  
WA8PYL Scott  
KC8SKP Wes

WA8EFK Dale  
KF8CCH Doug  
WA8YZB John  
W8PI Paul  
KE8MFY Steve  
KC8RQK Fred

AC8SI David  
K8EBI Fred  
N8KUF Mike  
KE8OSX Ron  
N8NYP Terry  
N8YZ Dave

KF8DZD Delmer  
KB8OSU George  
KA8PQH Neil  
W8SMB Scott  
KG8P Tom

## Committees

### Club Station

Wes Busdiecker KC8SKP

### DX Net

Soon

### Field Day

Jeff Breitner KA8NCR

### Finance

Paul Trouten W8PI (chair)

Fred VanDaele K8EBI

Dale Williams WA8EFK

### HamFest

Fred VanDaele K8EBI

### Hertzian Herald

Fred VanDaele K8EBI

### Historian

Paul Trouten W8PI

### Public Relations

Terry Kolton N8NYP

### Scholarship

Fred VanDaele K8EBI

### Program Chairman

Dale WA8EFK

dale.wms1@frontier.com

### Membership

Terry Kolton N8NYP

n8nyp@arrl.net

### Property Custodian

Paul Trouten W8PI

## ARPSC report

Upcoming Events we are looking for help:

-Saturday June 14<sup>th</sup> 8:00am-10:30am Erie Race for the Kids 5k Erie Michigan—NOTE this is also setup day at the fairgrounds for the HAMFEST. We need to make sure that event ALSO has enough help to get everything done!

-Friday July 4<sup>th</sup>—Dundee Independence Day Parade 9am-12pm

You can go to the following Google signup page from the MCARPSC.org website to sign up for the Run and the Parade.

<https://docs.google.com/forms/d/e/1FAIpQLSeEgRQALDE5CUcK4zFdeHq-g0icj1AQx1rxov3YP7SWzF3t5g/viewform>

You do NOT have to be an ARPSC member for either of these events and they are good practice for communications skills and both are a lot of fun!!

We are also doing a spring setup day May 17<sup>th</sup> 9am-11am at Vienna Park—This is a low stress opportunity to gather up your go kits and set them up. Test them out and see what everyone else is doing and perhaps pick up some ideas. All are welcome to participate.

Don't forget to participate in the weekly Monday night ARPSC net at 8pm on 72 Monroe.

If you are interested in honing your skills or building new ones, please feel free to stop in to any of our meetings or training sessions, or participate on our nets. We are here to help every operator learn and perform better. It doesn't matter if your call sign was just posted on the FCC database or you have had your ticket for decades, we are always looking for additional operators.

ARPSC meetings are usually the first Thursday of every month at 7:30pm at the EMD on Raisinville Rd. The next meeting is Thursday June 5<sup>th</sup>

As always Thanks to the club and the club webmaster for linking our FB and webpage, and to Fred for his time getting this newsletter out.

73, Lance Charter, KE8BYC  
Emergency Coordinator  
Monroe County Amateur Radio Public Service Corps



## May Club Program.

So you park your car at the big box store and do some shopping. Upon return you find your passenger window shattered and your door scratched.

NUTS!

Some darned vandal got it. Wait!!!! Your new Super Band-Banger XIV ham rig is gone and so is your Hand Held radio!

And they were not insured. You are out a Kilobucks for certain.

But this does not have to be you. Learn about how to insure your valuable radio gear at the May MCRCA meeting when Steve Orlowski KE8MFY gives us the full details on the ARRL Equipment insurance plan. We can all be safe and secure knowing that our equipment is adequately covered in case of loss.

See you there.

## **June 2025 hamfest report**

40 tables reserved, all of these are kind of low for this time of year.  
40 tickets sold.  
8 trunk spaces

**This year, Don N8BZN will be running the show. Setup on Saturday, and the show on Sunday.**

**Don has a food vendor.** - Brian Nemeth Concessions again

Hamfest Jobs list:

**We need a few more people to sign up for ticket sales Sunday Morning, one hour time slots from 6:30 to Noon, if we get enough help. Please see Don N8BZN to sign up.**

**I would like someone to do sign-in Saturday evening trunk sales that arrive between 3:00 and 9:00 pm. Jeff KN8CR, will take 3 to 6 pm, **I need someone from 6 to 9 pm.** You ride around on the golf cart and make sure trunk sales park OK and then collect for spaces, tickets, and camping if they spend the night.**

**We will need a couple of people to help with directing trunk sales and building people Sunday morning from 6:30 am to about 10:00 or 11:00 am. I haven't heard from my regular workers.**

**Also need someone to watch the Raisinville Rd. gate Sunday morning, 6:00 am to 7:30 am.**

The Monroe County Fair People set up and tear down the tables, so we have only to align them, label them, and spread chairs among them to my diagrams.

### **SATURDAY am**

Setup starts at 9AM,

PA system setup, Dale and Mike,

**Need 6 to 8 people to help out with other odd jobs**

**Set up tables, label them, spread chairs, 4 extension cords up, banners, flags, signs, and more.**

### **SUNDAY**

West Gate (Raisinville Rd) will open at 6:00 AM workers should enter there.

Need Ticket sellers, Trunk sales people, gate guard and building captain in by 6:15 am

Try to open East gates at 6:30 am if crew is there

Radios on **446.60** simplex **DO NOT Give this Freq on the 72 repeater or trunk people will come over and harass us.**

After the hamfest about 1 PM we need people to go around and police up the area.

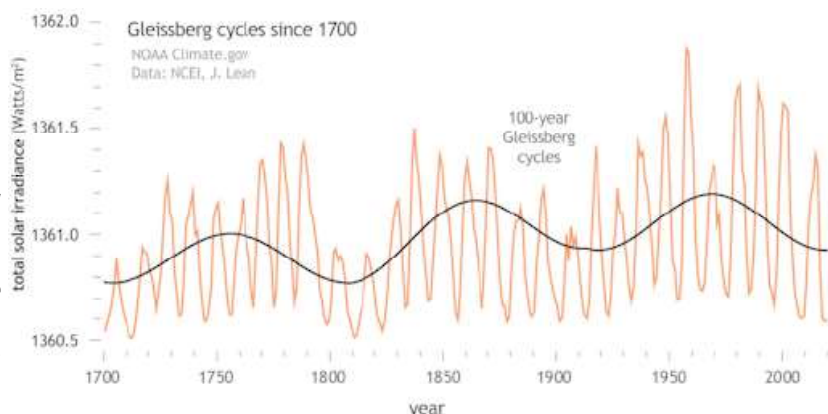
We must clean up the fairgrounds or pay them to do it. If we get lots of help this won't take long.



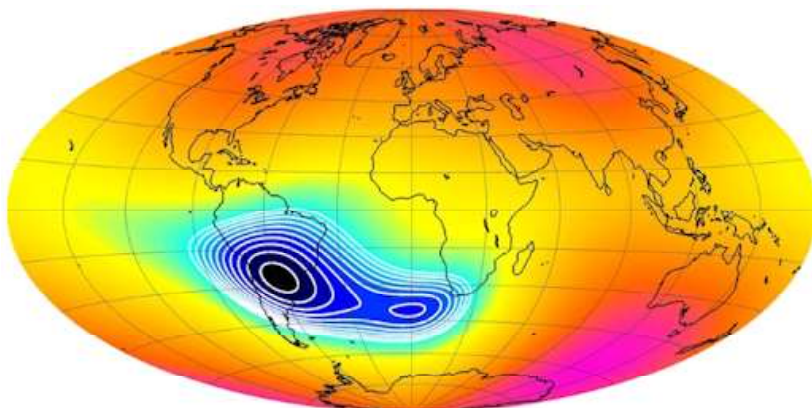
**THE CENTENNIAL GLEISSBERG CYCLE:** If you've been enjoying [the auroras of Solar Cycle 25](#), we've got good news. The next few solar cycles could be even more intense—the result of a little-known phenomenon called the “Centennial Gleissberg Cycle.”

You've probably heard of the 11-year sunspot cycle. The Gleissberg Cycle is a slower modulation, which suppresses sunspot numbers every 80 to 100 years. For the past ~15 years, the sun has been near a low point in this cycle, but this is about to change.

[New research](#) published in the journal *Space Weather* suggests that the Gleissberg Cycle is waking up again. If this is true, solar cycles for the next 50 years could become increasingly intense.



“We have been looking at protons in the South Atlantic Anomaly,” explains the paper’s lead author Kalvyn Adams, an astrophysics student at the University of Colorado. “These are particles from the sun that come unusually close to Earth because our planet’s magnetic shield is weak over the south Atlantic Ocean.”



**Above:** The South Atlantic Anomaly (blue) is a weak spot in Earth’s magnetic field where particles from the sun can come relatively close to Earth [\[more\]](#)

It turns out that protons in the South Atlantic Anomaly are a “[canary in a coal mine](#)” for the Gleissberg Cycle. When these protons decrease, it means the Gleissberg Cycle is about to surge. “That’s exactly what we found,” says Adams. “The protons are clearly decreasing in measurements we obtained from NOAA’s Polar Operational Environmental Satellites.”

Protons in the South Atlantic Anomaly are just the latest in a growing body of evidence suggesting that the “Gleissberg Minimum” has passed. Current sunspot counts are up; the sun’s ultraviolet output has increased; and the overall level of solar activity in Solar Cycle 25 has exceeded forecasts. It all adds up to an upswing in the 100-year cycle.

It also means that [Joan Feyman](#) was right. Before she passed away in 2020, the pioneering solar physicist was a leading researcher of the Gleissberg Cycle, and she firmly believed that the centennial oscillation was responsible for the remarkable weakness of Solar Cycle 24 (2012-2013). In [a seminal paper](#) published in 2014, she argued that the minimum of the Gleissberg Cycle fell almost squarely on top of Solar Cycle 24, making it the weakest cycle in 100 years. The tide was about to turn.

The resurgence of the Gleissberg Cycle makes a clear prediction for the future: Solar Cycles 26 through 28 should be progressively intense. Solar Cycle 26, peaking in ~2036, would be stronger than current Solar Cycle 25, and so on. The projected maximum of the Gleissberg Cycle is around 2055, aligning more or less with Solar Cycle 28. That cycle could be quite intense.

“With a major increase in launch rates, it’ll be important to plan for changes to the space environment that thousands of satellites and spacecraft are flying through from all sides,” says Adams. “Solar activity and particle fluxes could all be very different in the decades ahead.” [Spaceweather.com](#)



## Tesla By 1893 (Copyright: Dr. Nikola Tesla)

By 1893, Nikola Tesla wasn't just ahead of his time — he was forcing the world to reckon with a future it barely understood.

In less than a decade, Tesla had overturned the old rules of electricity and pushed beyond them in a language no one else could yet speak.

His polyphase alternating current system — motors, transformers, long-distance transmission — wasn't just a bold theory anymore. Thanks to Tesla's patents and Westinghouse's support, it had been proven in practice. Even the skeptics were beginning to concede: Tesla's vision worked, and it worked better than anything that had come before. But Tesla's real revolution didn't just happen in factories or on power lines.

It happened on stage.

In a breathtaking series of lectures — New York (1891), London (1892), Philadelphia and St. Louis (1893) — Tesla didn't merely show audiences new devices.

He showed them a new world.

He passed currents of hundreds of thousands of volts through his own body, standing barefoot on an insulating platform, lighting vacuum tubes held in his hands without a single wire.

He bent flames and gases with invisible forces, demonstrating the mechanical action of high-frequency electrical fields. He summoned vast streamers of colored light from evacuated glass globes, creating sheets of fire where there was no flame.

He tuned circuits to the same natural frequency and transmitted energy across space — proving that wireless transmission was not just possible but inevitable.

And while the crowds gasped, Tesla explained.

He described how electricity, under high frequency, behaved less like a flow of current and more like a mechanical vibration — a stress moving through a medium.

He proposed that true electrical action was mechanical in nature — not merely electromagnetic fields dancing in empty space, but physical deformations of a tangible, though invisible, ether.

He wasn't just building devices.

He was attacking the very foundations of physics.

As Thomas Commerford Martin put it, Tesla's demonstrations "marked, beyond question, a distinct departure in electrical theory and practice."

But Tesla wasn't finished.

Away from the lecture halls, he was racing through a torrent of invention: arc-lighting systems, pyro-magnetic and thermo-magnetic motors, mechanical and electrical oscillators, electrostatic transformers, precision meters — barely pausing to patent or refine, opening new fields faster than others could even name them.

When the World's Fair opened in Chicago in 1893, it was Tesla's polyphase alternating current system that lit up the sprawling "White City" — a dazzling demonstration of clean, efficient electric power on a scale the world had never witnessed before.

It wasn't just a triumph of engineering.

It was a glimpse into a new civilization.

Tesla wasn't content to predict the future. He was already living in it.

And while the world struggled to catch its breath, still trying to catch up to good AC system, Tesla was already reaching for things beyond even their dreams — wireless power, artificial sunlight, a new understanding of the very fabric of energy itself.

#NikolaTesla #science #history #electricity #1890s #technology #wireless #aheadofhistime #aheadofourtime



## TECH TRIVIA 10 - Computers Part 1 of 4

### What's Going On In There?

How do computers display dazzling video-game graphics, create 3-D views of a house from floor and elevation plans, or beat you at chess?

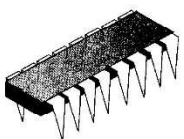
What's going on in there?

Actually, a computer is just a machine for switching sets of voltages between 0-V and +4-V states (We call them binary 0 and 1 states.) Any intelligence a computer appears to have is due to its incredible speed, and to the cleverness of the programmers, who are able to assign human meanings to intricate patterns of these binary digits.

How fast is a typical 300-MHz computer? Imagine a store clerk who takes 60 years to calculate your change if you give him a \$20.00 for a \$12.39 purchase. That's about how slow a human seems compared to a computer. Such speed means, for example, that a computer can beat you at chess by checking ALL possible scenarios (most of which a human would consider grossly foolish) for ten moves ahead. This amounts to about ten billion scenarios, but checking them all and choosing the one that leads to a victory takes only a few minutes for a computer.

How can strings of binary 0s and 1s have any meaning in human terms?

Actually, there are three basic ways (we call them data types.) The digits can represent memory address numbers, computer instruction codes, or user data. Let's look at memory addresses first. (We'll get to the others in a later installment. You didn't expect to learn everything about computers in one article, did you?)



Early 8-bit microprocessors, used in the Apple II, Commodore Pet, and TRS-80 computers, had an address bus consisting of 16 lines, and a data bus consisting of 8 lines. Such processors are still quite common in automobiles, microwave ovens, and sewing machines, to name a few examples. Let us say that the 16 address lines from the processor go to 16 corresponding lines on an IC memory chip.

The lines are numbered A0 through A15. Line A0 represents a count of ONE if it is at +4 V, or ZERO if it is at 0 V. Line A1 represents a group of 2 counts at +4 V, or zero at 0 V. A2 is for a group of 4, and A3 is for a group of 8.

Continuing this doubling for each higher line, then if A15 is +4 V it represents a group of 32,768. All possible counts from 0 to 65,535 can be represented by various 1 and 0 states of these 16 binary lines. Just for fun, see if you can find out what number is represented by 0001 0100 1010 0000. (It's a familiar number.)

What the processor spends most of its life doing is placing 16 binary digits on its address bus, which calls up one of the 65,536 locations in the memory. The memory then responds by placing 8 binary digits on its data bus, sending this stored data back to the processor.

Every now and then, the processor sends data TO memory, or it reads data from some input device, or it sends data to some output device. But mostly the processor sends a 16-bit address to memory and the memory responds by sending 8 bits of data to the processor; then the processor calls for the next byte of data at the next sequential memory address. How the processor interprets this data is the subject of our next article.

## Steven Weinberg

He predicted the Higgs boson — in 1967.

It wasn't discovered until 2012.

Steven Weinberg didn't just do physics — he saw the future of it.

He took two forces that looked totally different — light and radioactivity — and showed they were actually the same force, just hiding their unity behind a cosmic disguise. That idea? It became the Standard Model of particle physics.

Then he asked:

What if the laws of nature aren't arbitrary?

What if they're the only way the universe could possibly exist?

So he built physics back up from scratch — from symmetry, relativity, and quantum mechanics alone — and showed that all known forces are just the only solutions that can exist under those principles.

The man saw the mathematical skeleton of the universe.

And when reality caught up, it looked exactly like what he wrote down.

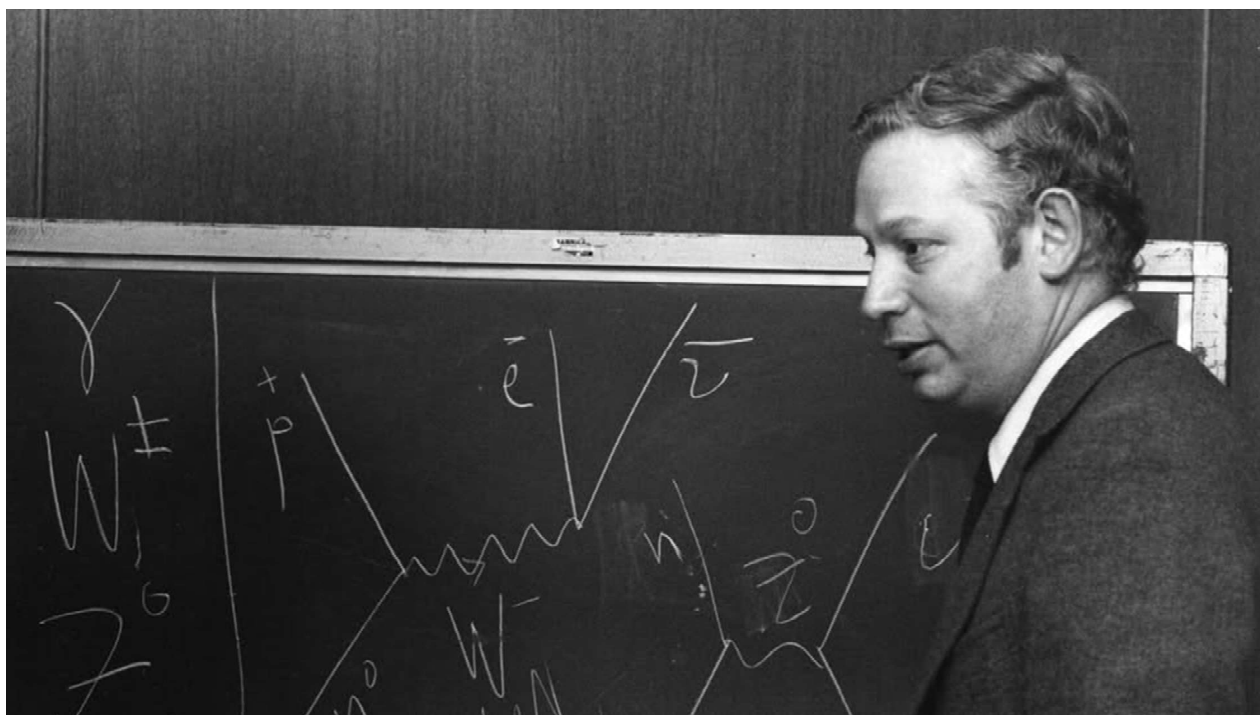
His classic "The First Three Minutes" taught a generation about the birth of the cosmos, and his passion reminded us that physics isn't just about equations — it's about beauty, clarity, and human wonder.

As he once wrote, "The effort to understand the universe is one of the very few things that lifts human life a little above the level of farce."

Today would've been his birthday.

Remember the name: Steven Weinberg.

The physicist who bent the universe to logic.





**MCRCA Dues run from January 1st to December 31st.**  
**Please check your name on the sheet below to see where you stand.**  
**You can fill out the form on the next page to pay your dues.**

May 15, 2025

Call	Name	Exp date	Call	Name	Exp date
KE8PUN	Aaron Liske	2025	KJ8H	Keith Hutchinson	2025
NM8I	Barbara Wilson	2025	KE8LRD	Ken Grooms	2024
KE8TPU	Bill Mercer	2022	KE8BYC	Lance Charter	2020
KB8KQC	Brenda VanDaele	2025	KE8OTG	Larry Lenhart	2023
KF8AQL	Bob Morrison	2025	KE8QGU	Madonna Burkitt	2024
WB8GUN	Bob VanKlingeren	2025	W8MCW	Mark Wheeler	2027
KE8WYY	Brian Paules	2025	KN6EYQ	Mark White	2022
W8BKT	Brian Tennyson	2020	KE8RCO	Matthew West	2021
KE8RON	Brody Madlock	2021	KE8UWZ	Mike Courington	2024
WA8EFK	Dale Williams	2025	KE8TYC	Mike Isbell	2022
KC8BUD	Daniel Bain	2024	N8KUF	Mike Karmol	2025
KB8AQJ	Dan Kay	2025	AD8EV	Michael Mc Peek	2021
	Nancy Kay	2025	KA8PQH	Neil Remaklus	2025
AC8SI	Dave Buchko	2026	KF8AYH	Omar Metwally	2025
W8IE	Dave Benoit	2023	W8PI	Paul Trouten	2025
K8EKG	David Hatfield	2024	KC8AZZ	Peter Forgacs	2025
KE8RXC	Debbie Bardoni	2022	KE8YQE	Phil Bardoni	2025
KC8CCR	Debbie Forgacs	2025	W8NBS	Randy Meyer	2022
KF8DZD	Delmer Taylor	2025	KE8UNH	Rick Wykle	2022
KE8ZAR	Dennis Hulvey	2025	KD8ZUI	Rob Howe	2026
N8BZN	Donald Fritz	2025	K8HV	Robert Lawrence	2022
KFCCH	Doug Orr	2026	KE8OSX	Ron Duvall	2025
K8OF	Doug Wherry	2026	KE8CQO	Ron Hills	2025
W8BY	Ed Keller Jr	2023	KD8ZNZ	Rodney Haddix	2026
KC8RQK	Fred Kinsey	2025	WO0O	Russ DeCrease	2025
K8EBI	Fred VanDaele	2025	KD8HYS	Sandra Burr	2026
KB8OSU	George Low	2026	W8SMB	Scott Burkey	2025
KE8VTT	Isaac Burkey	2025	WA8PYL	Scott Retzlaff	2025
KE8VLW	James Kiester	2024	KE8MFY	Steve Orlowski	2025
WD8NMF	James Toomey	2025	N8NYP	Terry Kolton	2028
KN8CR	Jeff Breitner	2024	N8OSC	Tom Cooper	2024
K8QLV	Jeff Giles	2026	KE8UDH	Tom Hughey	2022
KE8VMY	Jefferson Mathews	2023	KE8KNZ	Tom Imlach	2022
K9JP	Jeff Peters	2025	KG8P	Tom Jenkins	2025
N8RM	John Bills	2025	KE8NSU	Tony Griffin	2025
N8DXR	John Copeland	2026	KC8SKP	Wes Busdiecker	2025
K8UMF	John Miller	2025	N8MWQ	Woody Kirkman	2023
WA8YZB	John Turner	2025			

## Monroe County Radio Communications Association

Dues run from January 1st to December 31st of each year. As a current / Past Member, you are invited to attend our monthly meetings to find out the latest plans for our club. You may pay your dues at any regular meeting or by filling in the form below and mailing it to:

**MCRCA, 4 Carl Dr, Monroe, MI 48162.**

Your membership and support will help with the continued success of our club. Thank you.

### MEMBERSHIP APPLICATION / RENEWAL FORM

**Regular – \$10 — Add'l Family – \$5 each**

DATE \_\_\_\_\_ ARRL MEMBER? Y \_\_\_\_\_ N \_\_\_\_\_ RRRRA Member? Y \_\_\_\_\_ N \_\_\_\_\_

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

CALL \_\_\_\_\_ CLASS \_\_\_\_\_ E-MAIL: \_\_\_\_\_

ADDITIONAL Family Members: \_\_\_\_\_

Please Circle All That Apply:

Active Bands: 160 80 75 40 30 20 17 15 12 10 6 2 220 440 higher

Modes: CW - SSB – DIGITAL - PACKET - RTTY - FM - DX - MOBILE - EME - SAT - ATV - SSTV

Interests: Traffic - DX - Contests - Foxhunts - Satellites - Nets – Antennas - Computers  
Emergency - ARES/RACES - Skywarn - Classic Radios (circle all that apply)

Do you plan to upgrade your license? Y \_\_\_\_\_ N \_\_\_\_\_ If yes, what class? \_\_\_\_\_

What kinds of meeting programs would you like to see?

\_\_\_\_\_

Other activities you would like to see the Club offer \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

General Comment's \_\_\_\_\_

\_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

## Amateur Radio Examinations Monroe, MI

Monroe County Radio Communications Association Amateur Radio examinations are held the 3<sup>rd</sup> Saturday of every even numbered month at:

American Red Cross Chapter Bldg.  
1645 North Dixie Highway  
Monroe, MI 48161

**Registrations preferred**  
**Call for information.**  
**email address and FRN required**

**2025 Schedule:**  
February 15    April 19  
June 21        August 16  
October 18    December 20

### TESTING BEGINS PROMPTLY AT 9:00 AM

Applicants are expected to have all forms filled out and be ready to take tests at that time. Coffee and doughnuts are available at 8:30 AM. For more information or to make reservations, call Paul Trouten - W8PI at 734-854-2224

#### Join us at the next meeting

May 15th 7:30 pm  
American Red Cross Chapter Bldg.  
1645 North Dixie Highway  
Monroe, MI 48162

#### Local Net

**ARPSC Net** - Every Monday evening on '72-Monroe (146.72 Mhz) starting at 8:00pm.

**ARPSC Meeting** first Thursday of every month at the EMD office on Raisinville Rd.. 7:00 PM

## One Day Bi-Monthly Technician classes

### Next class will be August 9th, 2025, due to hamfest in June

The Monroe County Radio Communications Association (MCRCA) is offering a one-day Amateur Radio course for the **Technician** class license. The class will run from 8:30 AM to 4:00 PM on the **second Saturday of every even numbered month**. The cost is \$10 and includes lunch, snacks and beverages. The test will be conducted immediately following the class and has a separate fee of \$14. These classes will be held at the Red Cross building, 1645 N Dixie Hwy, Monroe, MI 48162.

There is a maximum class size of 10 people on a first come first served basis and you should sign up no later than 1 week before the class. All study material and testing paperwork will be provided at the time you sign up and you should plan on doing some pre-class studying to make things easier in the class.

If you are interested in becoming a Ham Radio Operator, please call or email me to get signed up for the next class.

N8BZN Don Fritz / (419) 345-4495 after 6PM / [Donfritz56@gmail.com](mailto:Donfritz56@gmail.com)

## New MCRCA Members

Please welcome recent new members to the club.