

News Beacon

Medina County Amateur Radio Club

Prez's Preface

"Peace on Earth and Goodwill Towards All."

- Luke 2:14 paraphrased

All sorts of good to find in this world. In Paris, *"Five years after a fire ripped through its ornate wooden spire and roof, Paris' Notre Dame Cathedral offered the world a stunning tour of its painstaking reconstruction Friday with a visit by President Emmanuel Macron. Today her spire stands again, and the Gothic masterpiece readies to open her doors to the public...revealing a transformed building that's practically synonymous with French culture and history."* (NBC News, Keir Simmons, Nov. 20, 2024)

In Cincinnati, *"The 2024 Duke Energy Holiday Tree is a show-stopping 55-foot Norway Spruce from Litchfield, Ohio. Norway Spruce are known for their heartiness, dense branches, and height making it the perfect tree for Cincinnati's holiday season! The tree will be at Fountain Square through the holiday season."* (Fountain Square.com, 2024.) Perhaps you ask, why is this tree of any interest to us? Well.... It was taken from the Litchfield home of our very own John Kollar K8JEK, whose family planted this tree in their yard many years ago after celebrating Christmas with it in their living room. How sweet is that?

I hope your holiday traditions and memories warm you throughout these cold winter months.

God Bless, Merry Christmas and Happy Holidays to All,
Jane@K8JGR.radio



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Hmmmmmm...

"Ohm, Ohm on the range.. !"



November General Meeting

The monthly General Meeting, was held November 11, 2024 in-person at the Medina County Career Center (JVS). The meeting was called to order by President, Jane K8JGR. The Pledge of Allegiance was recited at 8:10pm. The following twenty-four (24) paid members and three guests attended, so quorum (9) was reached. All members stated their names and call signs.

Dave KE8APO	Ed K8NVR	Kirk WN8KDN	Dave NK0K	Diane KD8SSX
Jane K8JGR	Amy K2KSU	Brian KA8CNI	Steve KE8BJD	
Ken K8TV	Baji K8IIT	Rick KE8CSW	Bob K8MD	<i>Jen VanBlarcum</i>
John K8JEK	Fred K8FH	Tamara WA8KGV	Doug KD8SST	<i>John Kollar Jr</i>
Lou N8LEM	Gail KD8GGM	Gordon AI8Y	Dudley WA1X	<i>Nancy Hall KC4IYD</i>

Roll Call: All in attendance stated their names and call signs if attained.

Minutes: Motion to suspend reading of the October 14th minutes as published in the November newsletter: Amy K2KSU, Second: John K8JEK, Approved, without corrections.

Treasurer's Reports: November Treasurer's Report was read by: Dave KE8APO. Motion to approve: Dave NK0K, Second: Gail KD8GGM, Approved

Joint Annual Meeting of Trustees & Members: This meeting is the Annual Meeting. Jane K8JGR passed out and reviewed the year-ending December 2023 annual financial reports: Balance Sheet noting asset values are approximate and will need updating, and Income Statement on a cash basis. Motion to accept: Dudley WA1X, Second: Doug KD8SST. Approved.

President's Report: *Jane shared that Tamara WA8KGV donated \$100 to the Club. *Steve KE8BJD reported he has not had any volunteers to assist in his recruitment initiative and there was no status update at this time.

Repeaters: Ed K8NVR reported that he is still troubleshooting the new 2m amplifier and will not be ordering a new 220 MHz amp until this one is either working or returned. Bob K8MD reported that there is now a new 440 repeater mounted on the water tower. Frequency is 443.950/449.950 with a PL tone of 131.8. Bob recommends that you program your radio with tone squelch since this repeater may also be used for digital at a later time. Ed and Bob then discussed the possibility of linking this repeater to our club repeater perhaps in the spring.

Membership: Diane KD8SSX reported that membership is currently at 68 with no changes since last month.

Education: The tech classes are concluding this week with approximately 10 students. The exam is scheduled for next week. Jane expressed appreciation to the 4 instructors who taught these sessions: Baji K8IIT, Dave NK0K, Rick KE8CSW, and Diane KD8SSX.

Annual Election: Were held with results as follows for 2025: President: Jane Reed K8JGR, Vice President: Ed Eyerdorn K8NVR, Secretary: Gail Helwig KD8GGM, Treasurer: Dave Swancer KE8APO, Trustee: Doug McClure KD8SST, Trustee: Steve Stein KE8BJD.

Adjournment: Motion to adjourn: Gail KD8GGM, Second: Dave N80K, Approved. Meeting was adjourned at 8:40pm.

Technical presentation: Meeting was preceded but a talk by guest speaker Nancy Rabel Hall, a research scientist and project manager at NASA Glenn.

Respectfully submitted by Dave KE8APO

New Technicians from Fall 2024 Licensing Class

Good Morning,

Hope all of you had a nice Thanksgiving and are enjoying the weekend.

I just want to say congratulations! **All 11 of you who took the Technician exam passed!** Certainly a credit to your study habits and perseverance.

Here are your shiny new call signs:

KF8CST Mone, Tyra L

KF8CSU Mone, Craig A

KF8CSV Schunn, Robert B

KF8CSW Kuczma, Kenneth J

KF8CSX Wathen, John M

KF8CSY Martz, William B

KF8CSZ Jeffery, James S

KF8CTA Kollar, John E

KF8CTB Brzoska, Michael

KF8CTC Brzoska, Ashley N

KF8CTQ McElyea, David D

Attached is a 2024 membership form in two formats for a one year free membership in the Medina County Amateur Radio Club. Please fill one out and return it to Diane Snider KD8SSX Membership Chair for her records d.snider19@yahoo.com

Also, congratulations to David KF8CTQ who won the BTech UV-5X3 tri-band FM transceiver raffle. Please contact me to set up a time to pick it up. 216-570-8500

It was a genuine pleasure to work with all of you – best class ever! We hope to offer General Class licensing sessions in the Spring. Please keep in touch.

Special thanks to Rick KE8CSW, Baji K8IIT, Diane KD8SSX, and Dave NK0K who volunteered their time and expertise to leading the sessions, and to Bob K8MD, Fred K8FH, Dave NF8O, and Ken K8TV who ran the testing session.

Thank you also to Dave NK0K who donated the BTech UV-5X3 tri-band FM transceiver, antenna, and RT Systems programming software.

We hope to offer a class on, *“Now I are a Ham, what do I do?” Stay tuned.*

Also, the MCARC is considering offering General Class Licensing Classes in the spring.



Club Meetings

Monthly, MCARC General Meetings are held at 7:00pm on the second Monday of each month at the Medina County Career Center (JVS), Room 246.

The Medina County Career Center (JVS), is located at: 1101 W Liberty Street, Medina, Ohio 44256

Member Birthdays

Troy Russell KD8UJG 12/28

MCARC Calendar

- Dec 02** 7:30pm Monday Night 2M Net
- Dec 09** 7:00pm IN-PERSON GENERAL MEETING (See pg 6)
- Dec 16** 7:30pm Monday Night 2M Net
- Dec 23** 7:30pm Monday Night 2M Net
- Dec 30** 7:30pm Monday Night 2M Net

ARRL Ohio Hamfests

- 12/07/2024 Winter Hamfest
Location: Archbold, OH
Sponsor: FCARC
Website: <https://k8bxq.org/hamfest>

ARRL Radiosport Contests

- Dec 06-08 160 Meter—CW
- Dec 14-15 10 Meter
- Dec 22 Rookie Roundup—CW



Company announces nearly \$712 million project in Kentucky to make batteries used to store energy

FRANKFORT, Ky. (AP) — A battery manufacturer has selected Kentucky for a nearly \$712 million project to produce industrial-sized batteries used to store and distribute energy, a process seen as increasingly important to help secure a reliable electric grid for the country, officials said Friday.

The Shelbyville Battery Manufacturing plant will employ 1,572 workers once the project reaches full capacity, deepening Kentucky's ties to emerging battery technologies. Companies wanting to make batteries to power vehicles have announced projects expected to total nearly \$12 billion in new investments and create more than 10,280 fulltime jobs in Kentucky.

"With this investment, we're putting our stamp on working to become just the battery capital of the United States," Gov. Andy Beshear said in announcing the new project to be located in Shelbyville.

Production at the Shelbyville battery plant is expected to begin in late 2025.

The plant, a part of Canadian Solar Inc., will produce batteries used by utilities and other customers to store energy at large scale. The batteries are about 20 feet long, 8 feet wide and nearly 9 feet tall, the company said. They can be paired with solar, wind or other forms of electricity generation and are seen as playing a crucial role for both a green energy future and a secure power grid as demand for electricity continues to grow in the U.S.

The batteries can keep a steady flow of power when sources like wind and solar are not producing. For example, when people are sleeping and thus using less electricity, the energy produced from wind blowing through the night can be stored in batteries — and used when demand is high during the day.

"Energy storage is a crucial part of the new and evolving electricity grid," said Shawn Qu, chairman and CEO of Canadian Solar. "Battery cells are the heart of a utility-scale energy storage system. This project will put Kentucky at the center of the effort to build a robust and secure electricity grid for this country."

Canadian Solar has a global presence in the design and production of battery energy storage systems for utility-scale applications. Kentucky's ties to the company will only strengthen the Bluegrass State's role in the energy sector, Beshear said.

For centuries, Kentucky coal helped power the nation. Now, the Shelbyville plant will produce batteries used across the country to help ensure a reliable flow of electricity for consumers, Beshear said.

"This is energy security for the United States," the governor said. "It's in our national security. And this company choosing to do it in Kentucky means we're going to be a part of providing that security for the entire country's infrastructure and in the grid."

The battery factory will be the largest economic development project in Shelby County's history and ranks as the third-largest jobs project announced during Beshear's nearly five-year tenure as governor.

Shelbyville Mayor Troy Ethington called the project a milestone for his community, located just east Louisville. It will become Shelby County's largest employer, creating new opportunities for residents, he said. The company said it is committed to hiring locally to fill the jobs. The Shelbyville facility also will include a research and development lab to help advance battery technology, the company said.

"This investment ensures more Kentucky families will thrive, and that the commonwealth's incredible economic momentum continues," Beshear said.

State officials offered a package of performance-based tax incentives for the battery project, tied to the company's investment, job creation and employee wages, the state said.

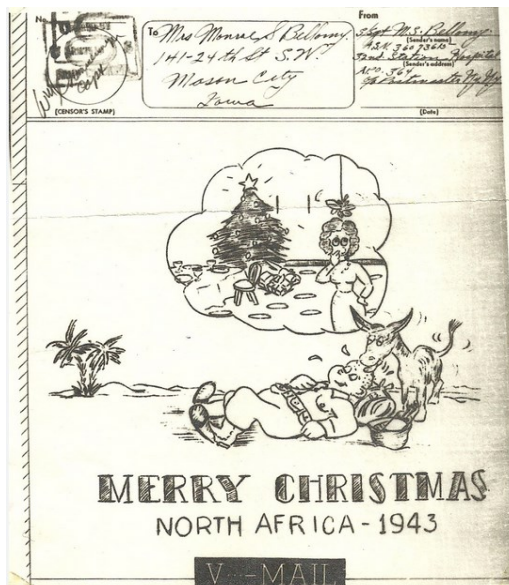


Photo by Canadian Solar, the Parent Company of Shelbyville Battery Manufacturing Plant



US Army 32nd Station Hospital
WWII

Hamatuer Antix



MCARC will be holding Technical Sessions during most of our in-person General Meetings on the 2nd Monday of each month. IF THE DOORS ARE LOCKED PLEASE CALL JANE K8JGR AT 216-570-8500 AND WE WILL SEND SOMEONE DOWN TO LET YOU IN.

December 9th General Meeting

Our next monthly **In-Person General Meeting** is **December 9th**, and will be held at **7:00pm**, at the **Medina County Career Center (JVS)**, Room 246. The Medina County Career Center (JVS), is located at: 1101 W Liberty Street, Medina, Ohio 44256.

Call Jane K8JGR 216-570-8500 if doors are locked and we will send someone down to let you in. State whether you are at the front or back of the building.

The **Technical Session** speaker will be **Baji K8IIT** who will present the topic of **Linux**, an open-source operating system that powers most of the internet infrastructure, by some estimates around 96%.

It is used in smartphones, routers, automation controls, smart home devices, video game consoles, televisions (Samsung and LG smart TVs), supercomputers, automobiles (Tesla, Audi, Mercedes-Benz, Hyundai, and Toyota), and spacecraft (Falcon 9 rocket, Dragon crew capsule, and the Ingenuity Mars helicopter).

Topics: why Linux, how Linux came to be, using Linux as your computer OS for Ham Radio activities, and Baji's personal story with Linux.



Dits and Dahs

- **Our Monthly Meeting**

Will be held on **December 9th**, at **7:00pm**, at the Medina County Career Center (JVS), Room 246. The Medina County Career Center (JVS), is located at: 1101 W Liberty Street, Medina, Ohio 44256. (See page 8). **IF THE DOORS ARE LOCKED PLEASE CALL JANE K8JGR AT 216-570-8500 AND WE WILL SEND SOMEONE DOWN TO LET YOU IN.**

- **2024 MCARC Trustees**

Our slate of Trustees is set for 2024 after our November election. All remain the same with the heartfelt **addition of Gail Helwig KD8GGM as Secretary**, to relieve Dave KE8APO of double duty as Treasurer. Remaining as Trustees: Jane K8JGR President, Ed K8NVR VP, Doug McClure KD8SST, Dave Oravec N8JNX, Diane Snider KD8SSX, Amy Panchumarti K2KSU, and Steven Stein KE8BJD. Thank you to all.

- **MCARC 2M Net**

Check in with your friends to the **MCARC 2M Net**, held on every Monday evening at 7:30pm, with the exception of the second Monday of the month when we have our in-person meeting. See page 10 for info.

- **Reminder**

MCARC 2M Weekly Net Control Operators, please turn in your net log to Jane K8JGR. Thank you.

- **Thank You**

Thank you to **Tamara Lesnick WA8KGV** who follows in her father, Les's, generous annual tradition in donating \$100.00 to the Medina County Amateur Radio Club. We really appreciate your commitment. Enjoy your winter home in Arizona, and we look forward to seeing you in the spring.

- **NCS**

If you are a member of the ARRL and receive QST Magazine you can also download the ARRL's digital publication, **NCJ—National Contest Journal**. It is published six times per year (Jan, Mar, May, Jul, Sep and Nov.) NCJ is dedicated to covering the competitive contesting aspects of Amateur Radio. Each issue is loaded with information of interest to contesters (and DXers, too!).

- **Another Cool Site**

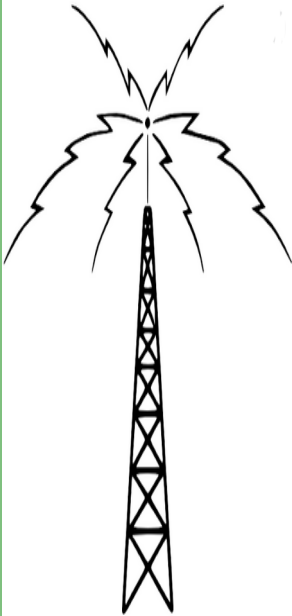
Space.com is the premier source of space exploration, innovation and astronomy news, chronicling (and celebrating) humanity's ongoing expansion across the final frontier. We transport our visitors across the solar system and beyond through accessible, comprehensive coverage of the latest news and discoveries.

- **Special Event Station**

Beginning December 1, 2024, through January 31, 2025, the Utah DX Association will operate **special event station K7S** to celebrate the 60th anniversary of the **Amateur Radio stamp** and the 110th anniversary of the American Radio Relay League (ARRL). K7S will operate on all bands and all modes, focusing on 7.260, 14.260, 21.300, and 28.470 MHz. A QSL card and a free "used" Amateur Radio stamp will be available. For more information contact www.udxa.org or www.qrz.com/db/w7wes.



MCARC Repeaters—current April 2024



Call	Location	Function	Repeater Input	Repeater Output	CTCSS (PL)	Band
W8EOC	Medina (Central Tower)	RX	147.63	147.03	141.3 three beeps	2 Meter
W8EOC	Brunswick (North Tower)	RX	147.63	147.03	131.8 two beeps	2 Meter
W8EOC	Lafayette (South Tower)	TX & RX	147.63	147.03	88.5 one beep	2 Meter
W8EOC	Lafayette (South Tower)	RX	51.16			
	Brunswick Hills (Pearl Rd)	TX		51.66	107.2	6 Meter
W8EOC	Lafayette (South Tower)	Repeater TX & RX	223.26	224.86	77.0	1.25 Meter
W8EOC	Lafayette (South Tower)	Repeater TX & RX	449.925	444.925	131.8	70 CM

Note: You can get into our W8EOC 2-meter repeaters from the Brunswick input (**PL 131.8**), the South (Lafayette) input (PL 88.5), or the North (Medina) at 141.3.

NOTE: FINAL REPEATER UPDATE for awhile: Please set your radios as indicated above to enjoy our 7:30pm MCARC weekly Monday Net (except for 2nd Monday of month).

2-Meter Net

Remember to join our 2-Meter nets on 147.030 Monday evenings at 7:30pm, except for the 2nd Monday of each month when we have our **In-person** meetings.

You do not have to be a member of MCARC to participate.

MCARC Monday Night 2-Meter Net Control

02-Dec-2024	K8TV	09-Dec-2024	<i>Meeting</i>
16-Dec-2024	K8NVR	23-Dec-2024	K2KSU
30-Dec-2024	K8IIT	06-Jan-2025	

Contact Baji K8IIT, k8iitm@gmail.com, if you would like to serve as NCO.

NCO openings can be found at:

<https://rebrand.ly/2024-net-control>

MCARC Membership

Please become a member or renew your **Medina County Amateur Radio Club** membership. Dues are our primary source of income and are used to pay for the administrative costs of liability insurance, website domain registration fees, web hosting for www.W8EOC.org., maintenance costs of repeater and towers along with passing on fun perks to you, our members. Our new/renewal Membership Form and information can be found on our website <http://w8eoc.org/membership>, or contact Diane KD8SSX at d.snider19@yahoo.com

Then, mail your dues to Diane Snider, 8311 Norwalk Rd, Litchfield, OH 44253, or bring them to the next meeting.

Please consider volunteering. We really would enjoy seeing fresh faces and hearing new ideas to keep the MCARC relevant and viable in 2025. Do you like designing or maintaining websites, organizing speakers for technical sessions, writing for the newsletter or teaching members new skills? Please let Jane@K8JGR.radio know. Thank you.

Who's Who

President: Jane Reed K8JGR
jane@K8JGR.radio

VP: Ed Eyerdom K8NVR
eeyerdom@gmail.com

Secretary:
Gail Helwig KD8GGM

Treasurer:
Dave Swancer KE8APO

W8EOC Repeaters:
Ed Eyerdom K8NVR
Ken Koyan K8TV

Sunshine:
Diane Snider KD8SSX

Trustees:
Doug McClure KD8SST
Dave Oravec N8JNX
Diane Snider KD8SSX
Amy Panchumarti K2KSU
Steven Stein KE8BJD

Newsletter:
Jane Reed K8JGR

Field Day:
Fred Helwig K8FH

Membership:
Diane Snider KD8SSX

Program:
Ed Eyerdom K8NVR

Website:
Jane Reed K8JGR

Net Scheduling:
Baji Panchumarti K8IIT

Social Events:
Gail Helwig KD8GGM

Skywarn:
Tracey Liston W8TWL

ARES:
Bob Mueller K8MD

RACES:
Dave Rickon NF80



MCARC on the World Wide Web

www.W8EOC.org

About Our Organization

The Medina Two Meter Group (M2M) Inc. DBA: the **Medina County Amateur Radio Club** is a nonprofit, ARRL Special Service registered, Amateur Radio organization based in Medina County, Ohio dedicated to communication, public service, education and fellowship. Our roots go back to 1932 in Medina County.

Many of our members are also involved with Skywarn, ARES, RACES, and assist with emergency communication or community events such as bicycle and foot races.

We usually meet on the second Monday of each month at the Medina County Career (JVS) Center, upstairs Room 246.



Medina Two Meter Group (M2M) Inc.
DBA:
Medina County Amateur Radio Club

1254 Hadcock Road
Brunswick, Ohio 44212

Admin@W8EOC.org

PLEASE
PLACE
STAMP
HERE

TO: