

# Mount Vernon Amateur Radio Club

September 2024

2024 Edition 9



## Mount Vernon

*An Innovative Community; Authentically Hometown*

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### MVARC Repeaters

K8EEN  
146.790 MHz  
- 600KHz / PL = 71.9 Hz  
K8EEN-R Echolink Node:  
809800  
K8EEN  
444.600 MHz  
+5 MHz / PL = 71.9 Hz

## Meeting Notice

**September Meeting— September 9<sup>th</sup>  
at 7:00 pm at the Academy Building.**

### President's View

Frank, KC8EVS



Another month has passed, and I'm pleased to report that my 7300 is doing well thanks to Roger KE8ICI. He replaced the diode and the transistor and nothing else

seemed to be broken. So, I'm back on the air.

Not wasting any time, I went out to Kokosing Wildlife area to do a POTA activation. I got there and set up by about 9 am and spotted myself on the POTA website and started calling CQ. I made two or three contacts right away but then someone started tuning up right on my frequency, that happens sometimes, maybe they just didn't hear me. Short time later another tune up right on my frequency. This continued for a few minutes, so I decided to move and find a new frequency from which to operate. Spotted myself on the POTA website and started calling CQ, and again someone was tuning up right on my frequency. At this point I figured I was the chosen one for the morning and whoever this was, wasn't giving up. So, I stayed on that frequency and made a contact or two while whomever tuned his radio, and made other noises barking, and moing, I tried to engage him but he wouldn't reply.

I remember something Don W8PEN had said when he was being interfered with: "If he is bothering me he isn't bothering someone else" so I continued on to see if I could make the necessary 10 contacts regardless of this interference. I lasted a couple of hours and so did he, I didn't get my ten contacts, and I decided to pack up and head for home. Maybe next time.

This next weekend September 7<sup>th</sup> is Ohio State Parks On The Air. We will be operating from Mohican again this year so come out and join us.

That's about all from here, hope to see you Saturday at Mohican or the following Monday at our meeting.

73!

### Training Class Schedule

Michael, KE8HGE



Study Session Schedule, 2024

Sessions meet weekly, every Tuesday evening, starting at 6:30 pm.

- ◆ Technician Class license: October 22 to December 10, testing session on December 18.

#### Study Session Schedule, 2025

- ◆ Technician Class license: February 25 to April 15, testing session April 16.
- ◆ General Class license: July 1 to August 19, testing session August 20.
- ◆ Technician Class license: October 28 to December 16, testing session December 17.

### We're looking for a few good hams.

It is time to start looking for our 2025 leadership team. We are now accepting nominations for all of our offices: President, Vice-President, Secretary, and Treasurer. We are also looking to fill our Public Information Officer position. And, we have a couple of openings for Directors.

If you are interested in filling any of these roles, please reach out to any Director

**Every Sunday night on the Mount Vernon 146.79 repeater for our weekly  
MVARC ARES Sunday Night Net. Check-in starts at 9 pm.**

Unable to access the repeater from where you are? We are on IRLP (EchoLink) K8EEN-R Node 809800.

## Meeting Minutes

Bill, KD8WHQ



The July 2024 meeting of the Mt. Vernon ARC was called to order by Frank, KC8EVS at 7:00 pm.

13 members attended the meeting.

### Meeting Minutes

The minutes for last month were presented.

There were no changes.

### Treasurers Report

Terry, KI8N provided an account of the current balance of all bank accounts and expenditures through July 2024. There were no additions or corrections and the report was accepted as read.

### Committee Reports

#### ARES

We are looking at setting up a Net for a training session sometime this fall.

#### Repeaters

Roger, KE8ICI reported that there could be an issue with the antenna at the water tower. The Hytra repeater works fine by itself but with the Arcom Controller there is an issue with the volume. Steven is working on it.

#### MESH / EchoLink

Don, W8PEN stated that there is an issue with the Mesh Network and he will look into it.

### Old Business

Family Pelosa was on August 10 from 3pm to 7 pm at Apple Valley. Frank tried to contact the point person to see what they would like us to do. He never heard back from them. MVARC did not attend.

First Friday was August 2. People stopped by to look but no one signed up as a member or for training. They had to close early because of the rainstorm.

### New Business

None

### Coming Events

Ohio State Parks On the Air – Sept. 7 for more info <https://ospota.org/> We will be at Mohican State Park.

### Training

There will be a testing session on August 21.

### Meeting Adjourned

A motion to adjourn was made by Scott, N8SY and seconded by Evan, KF8APC. The motion passed.

The 50/50 raffle was won by Barry, N8PPF.



## Contact MVARC

**MVARC**

812 Coshocton Ave.

PMB #145

Mount Vernon, OH 43050

Email

**admin@mvarc.net**

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"I decided to be active and put 791 contacts into LoTW and QRZ logbook." Terry, KI8N

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Personnel present at the 6/10/2024 meeting		
Michael, KE8HGE	Don, W8PEN	Larry, AC8YE
Bill, KD8WHQ	Emery, W8TW	Don, KB8QPO
Ralph, W8LFR	Barry, N8PPF	Bill, KE8ZIG
Frank, KC8EVS	Roger, KE8ICI	Tom, KD8HSA
Terry, KI8N		

## Amateur Radio Vinyl Decals

### Nichole Adessa, N8OVE

I make vinyl decals. I made two designs for MVARC. The links below are to the designs on my online shop.

The first link is a club design shown below.

[https://www.etsy.com/listing/1009895981/mount-vernon-amateur-radio-club-vinyl?ref=shop\\_home\\_active\\_1&variation0=1971593946&variation1=1991398087](https://www.etsy.com/listing/1009895981/mount-vernon-amateur-radio-club-vinyl?ref=shop_home_active_1&variation0=1971593946&variation1=1991398087)

The second decal is personalized with the individual's Call Sign added.

[https://www.etsy.com/listing/995928986/personalized-decal-with-call-sign-for?ref=shop\\_home\\_active\\_2](https://www.etsy.com/listing/995928986/personalized-decal-with-call-sign-for?ref=shop_home_active_2)

NOTE: You can see the both designs and color options by going to the web address. Both designs are 25% off through September 30, 2024.




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“Warning: Don’t give you kids Rice Krispies. I ate then growing up. I now snap, crackle, and pop when I stand up.”  
found on the web by Terry, KI8N

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# September 2024

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1 9:00 pm ARES Sunday Night Net	2 <b>Labor Day</b>	3	4 4:45 pm Dinner	5	6 9:00 am— Breakfast Foundation Park	7 OSPOTA 10 am Mohican State Park
8 9:00 pm ARES Sunday Night Net	9 <b>7:00 pm MVARC Meeting</b>	10	11 4:45 pm Dinner	12	13 9:00 am— Breakfast Foundation Park	14
15 9:00 pm ARES Sunday Night Net	16	17	18 4:45 pm Dinner	19	20 9:00 am— Breakfast Foundation Park	21
22 <b>First day of Autumn</b> 9:00 pm ARES Sunday Night Net	23 	24	25 4:45 pm Dinner 6:30 pm License Test Session	26	27 9:00 am— Breakfast Foundation Park	28
29 9:00 pm ARES Sunday Night Net	30					

[Link to: Ham Radio Contest Calendar](#)

## Radio Activity

### Don, W8PEN



I am happy to report that my heart valve surgery went well, and I am feeling great! It is amazing what they can do these days. I was awake the whole-time during surgery. Did not feel a thing, although they did give me a mild sedative.

I was disappointed that I could not see the monitor the Doctor was using to guide my new heart valve in place, but maybe that was just as well.

The entire surgery took about forty-five minutes.

The hardest part of the whole thing was staying in the hospital overnight. But I was treated well, and the hospital meals were surprisingly good.

I still have some balance issues, but it is nice to get this first step to better health out of the way. I am looking at some very serious surgery in my neck, near my spinal cord. It is a bit scary, but if successful, I should be in good shape for the coming years. I might make it to a hundred after all!

### Ohio QSO Party

After the August meeting, a group of club members got together and decided to activate the club station for the Ohio QSO Party. This is a fun contest, and we had worked the contest last year with great success.

An email was sent out to club members inviting everyone to the club room to either operate a little, or just enjoy good conversation with whomever was there. Unfortunately, there were not too many takers. But the ones that did come had a lot of fun.

Those present were President Frank, KC8EVS, Terry, KI8N, Barry, N8PPF, and me, Don, W8PEN.

Band Conditions were so so, but we were able to make a little over two hundred contacts during the event. The group started operating at noon on Saturday, August 24th. Frank and I quit operating around 9:30 PM. Total operating time was about nine and a half hours. Frank and I stayed until around 10:30 PM just talking.

Overall, a very pleasant operating event.

### Station Upgrades

One of the things Frank and I talked about was the limited range of the Icom IC-7300's internal antenna tuner, who's max SWR is 3:1. As it stands now, the internal antenna tuner tunes the Off-Center Fed antenna in the attic on all bands except the upper portion of the 80-

meter band. The antenna is above 3:1 SWR starting at around 3.700 MHz that leaves a lot of the SSB portion of the band unworkable.

An external antenna tuner would solve this problem. So, Frank and I were looking on E-Bay to see just what might be available without breaking the bank. What we found was an LDG IT-100 auto antenna tuner for around \$80.00. Add shipping and the price would be around \$100.00. The antenna tuner is capable of matching antennas with a 10:1 SWR. Certainly, good enough for what we would be using it for. I was willing to buy this antenna tuner and donate it to the club. Frank was willing to chip in too.



Unfortunately, this antenna tuner was sold before I had a chance purchase it. There were no more available at the present time.

I guess I was itching to spend a little money. The next thing I did was check and see if there were any CW filters on E-Bay that would work with the club's TS-570. This would allow me to use the TS-570 on Field Day as the club's CW station.

I had success here. There were several 500 Hz CW filters available on E-Bay that would plug right into the TS-570. So, I went ahead and bought one for the club.

Once this filter comes in, I will install it in the Kenwood TS-570 and set up a CW station at the club.

The final arrangement will be two stations in the club room. One for CW and the other for everything else. I don't know if we can pull off using both transceivers at the same time though. Our two HF antennas are close together.

In the meantime, I will continue to look for a good external antenna tuner to use with the IC-7300.

Another upgrade will be the club's CW paddle. I have been loaning one of my paddles to the club so that I can operate CW. Emery (W8TW) brought in a paddle that wasn't working but looked like all it needed was a spring to get it going. A trip to GR Smiths Hardware downtown was all it took. I am planning on switching out the paddles soon.

### Local Mesh Update

We have run into a few obstacles with our local mesh system. Not necessarily technical difficulties as much as administration.

For several months we have been trying unsuccessfully to get to the equipment on the KCH hospital roof, or at least inside the room where the UHF repeater has been for several years. Steve (N8RLW) and Roger (KE8ICI) took the UHF repeater out for servicing and have not been able to get back up there to reinstall the repeater.



My assumption is that the hospital for one reason or another has decided they did not want us there. This is fine. I don't want to be somewhere that we are not welcome. However, we do have some mesh equipment, and the UHF repeater antenna will need to be removed at some point. I will attempt to contact the hospital maintenance department and arrange for us to retrieve our equipment.

The other obstacle, which was created by me is this: We have had the local mesh system operating for about ten years. When first created, I was hoping that we could effectively use the system to support our ARES function. At one point, several years ago, we were close to having this happen. However, things dragged on to where presently there is little in the way of supporting the ARES with the mesh system.

There are several reasons for this. The most logical one

is lack of interest from club members. I have tried to get everyone interested enough in the mesh system to set up their own mesh node at home. Unfortunately, I have had few takers on my offer to supply equipment and antennas for individual nodes. The ones that are interested are outside of Mt. Vernon, and thus have not been able to connect their nodes to the local mesh.

This is not meant as criticism. Just the facts. I have no intention of twisting anyone's arms to keep the mesh going.

Due to lack of ambition on my part, the local mesh has deteriorated to the point that even my node cannot reach the system. I have never had this issue until recently and am not sure if it is conditions created by the seemingly never-ending solar storms or defective equipment. I will say that the local mesh does seem to connect to each other. It is just me having an issue.

Since none of the objectives have been met when using the mesh system, I am in favor of shutting it down and removing the equipment from KCH, the Water Tower, The Parking Garage, and Foundation Park.

Getting to the equipment at KCH may be a problem. I think they would want any antennas or equipment not being used removed.

The node at Foundation Park can simply be turned off until we get permission to physically remove it.

We will need a climber or two to remove equipment at the water tower. But we really do need to clean up the top of the tower if we are not going to use the mesh equipment.

There is the option to keep some of the mesh nodes on the water tower. Specifically, the 2.8GHz and 5GHz main nodes. The two nodes are on one mast and share a dual band antenna. We might also keep the 5GHz link to Johnstown. That would leave only one 5GHz node to remove.

The reason I say this is to keep our foot in the door, so to speak. Also, Frank, KC8EVS was thinking of some portable mesh nodes that we could install on the fly if needed. It would be handy to have a high-profile node ready to act as a relay to the two portable nodes (or however many we wish to get ready).

73

## MV Amateur Radio Club honored

Barry, N8PPF

In digging through old papers this came to light. The date wasn't shown but I realized seeing "Wednesday, December 7" a meeting schedule on the back side. Along with other info the year must be 2005..

# MV Amateur Radio Club honored

By VIRGIL SHIPLEY  
News Staff Photographer

MOUNT VERNON — The Mount Vernon Amateur Radio Club has received an award from the National Weather Service for its weather spotting service. Amateur radio operators, called hams, act as storm spotters for NWS. The award is the SKY-WARN annual recognition, sponsored by the National Weather Service and Amateur Radio Relay League. The Knox County club has 40 members scattered around Knox County who watch the weather in their area and report disturbances.

Hams have a long history of helping out with communications during disasters. Amateur radio has worked over the years with communications in national and local disasters. Nationally, the latest event was a major effort in the Gulf of Mexico following hurricanes Rita and Katrina. Land and cellular telephone service

were knocked out, so communications were established via the ham radio operators.

Hams moved in and set up their portable generators to supply current to their radios. A network of clubs was able to help people locate family members. Some of the efforts of the hams helped the American Red Cross with its communication needs. A big part of the hams' effort was helping with communications between first responders to the disaster.

A local effort was helping out the United Telephone Co. in Mount Vernon after major telephone cables were cut in a digging accident. The club also set up portable equipment to provide communication for Martin Memorial and Mercy hospitals and government agencies.

To practice for such events, hams around the United States hold a field day each year and communicate with as many other clubs as possible. The Mount Ver-

non club holds its event at the Knox County Fairgrounds.

To demonstrate a contact with another ham operator, Don Russell put out a CQ for anyone who heard him on the frequency. One contact who responded was Fred in northeastern Mississippi. When Russell told him he was calling from Mount Vernon, Ohio, Fred responded that he had worked for United Telephone in 1971. He commented he has been unable to find anything comparable to Mazza's salad. Although it covers a large area, ham radio is another small world.

Recently the Mount Vernon radio operators have taken on a new communications job, working with the National Incident Management System. Members of the MVARC took a two-hour course presented by Larry Hatton, director of Knox County Office of Homeland Security and Emergency Management, on how communications for the

system work in the time of crisis.

Also required to take the training are all first responders, elected officials, emergency management and law enforcement personnel. Hatton said 80 percent of the people have been trained. A test is required to be

taken after the training.

The Mount Vernon club holds meetings the second Monday of each month at 7 p.m. in the Red Cross annex building, 300 N. Mulberry St. Everyone interested in ham radio is welcome to attend.



These local amateur radio operators gathered for a session Saturday afternoon. Talking on his radio is Don Russell (call sign WA8YRS), while, from left, Barry Butz N8PPF, Mike McCardel KC8YLD and Zach McCardel KC8YLC, look on. (Photo by Virgil Shipley)



## Miscellaneous Rambling

Terry, KI8N



Finally, I have the tower up-right and antennas in the air. I rented a forklift with a 42 foot boom to pull the tower into place. With the tower strapped to the forklift I was able to raise it in a matter of minutes and do so safely.

The tri-band and 6-meter antennas and new rotator are performing great. I have been able to contact a couple of new DX expedition stations.

I used the tri-band antenna to work the Ohio QSO Party from home. I played for about 3 hours overall and made 228 contacts with 81 multipliers for a total score of 18,468. After three hours I was tired and didn't want to participate any longer. I did two hours then took about an hour and a half break and then did another hour finishing up a little after 11 pm.

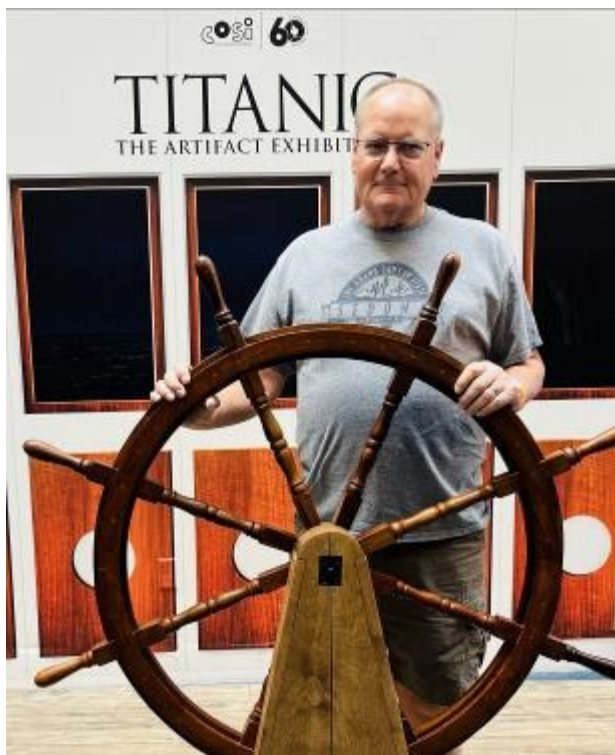
I have also been making progress on my project list. I got the engine and transmission pulled out of the 1964 Galaxy 500 and have started taking the engine apart. It is a oily and caked on grime mess. I have most of the components off the block with only the piston and rods and crankshaft left to remove. Then it will be a chore to clean and inspect everything.



Once the engine is checked out and cleaned it will be repainted its original black block color. I will also be ordering new parts and starting the reassembly process.

At the same time I will be cleaning, painting, and replacing components in the engine compartment. It is also a mess and most of the rubber shields are deteriorated and need replaced. All of this started with rusted transmission cooler lines and a leaking oil pan gasket. Just a prime example of fall down the rabbit hole of "while I am here I might as well do this"!

Cath and I went to COSI this month to see the Titanic exhibit. It was very interesting and the first time I have seen any relics from the great ship liner.



I also climbed into a small sub in COSI and could see what it felt like and the limited view scientists have. Seemed very claustrophobic to me.

I know for the last year I keep saying I haven't' been very radio active so in August I decided to be active and put 791 contacts into LoTW and QRZ logbook. It felt

good to sit in front of the radio making DX and North American contacts on both SSB and digital modes.

I also completed three POTA activations at Mohican State Park bringing me to a total of 13 activations at this location.

Now back to your regularly scheduled day, me working on my project list, and hoping everyone is radio active!

"Be safe and Ham it UP"!



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"We are now accepting nominations for all of our offices: President, Vice-President, Secretary, and Treasurer. We are also looking to fill our Public Information Officer position." Michael, KE8HGE

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## FM Repeater Nets In And Around Knox County

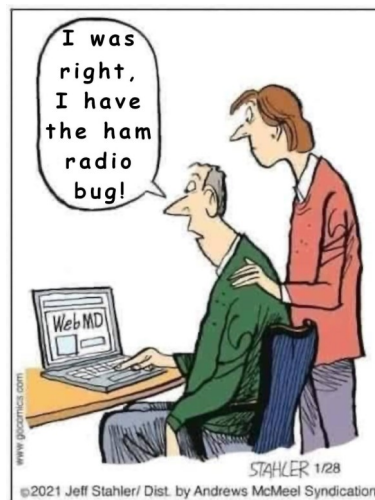
County	Net	Frequency	Day and Time
Coshocton	CCRA	147.045 PL 71.9	Every Sunday 9:00 PM
	ARES	147.045 PL 71.9	Every Monday 8:00 PM
Delaware	Monday Night Net	145.170 PL 74.4	Every Monday 8:00 PM
<b>Knox</b>	<b>ARES Sunday Night Net</b>	<b>146.790 PL 71.9</b>	<b>Every Sunday 9:00 PM</b>
Licking	N8RA Tuesday Night Net	146.880 PL 141.3 444.500 PL 141.3	Every Tuesday 9:00 PM on the 146.880 except for the last Tuesday of the month they check in on the 444.500 repeater.
Morrow	Morrow County Information Net	146.775 PL 107.2	Every Sunday 9:00 PM
Richland	IRAC Net - Mansfield	146.940 PL 71.9	Every Wednesday 8:00 PM

Join us every Sunday night on the Mt. Vernon 146.79 repeater for our weekly **MVARC ARES Sunday Night Net. Check-in starts at 9 pm.**

Unable to access the repeater from where you are? We are on IRLP (EchoLink) K8EEN-R Node 809800.



My new shack accessory gets me even more air time!



“We have had the local mesh system operating for about ten years. When first created, I was hoping that we could effectively use the system to support our ARES function.” Don, W8PEN

## Final Takeaway

This month the topic is club presentations. Looking at other club's web sites I found some that list YouTube amateur radio presentations on topics that we can use and come to understand better.

First this month are presentations that are listed on **Scioto Valley Amateur Radio Club's** (W8BAP) web page: <http://www.w8bap.org/>

Intro to Olivia Digital Mode for HF: <https://www.youtube.com/watch?v=kds4RCQO8a0&t=21s>

MFJ Presentation: Antenna Analyzer Product Line Part 1 of 3: <https://www.youtube.com/watch?v=xozoUTYsg8U>

MFJ Presentation: Antenna Analyzer Product Line Part 2 of 3: <https://www.youtube.com/watch?v=QCwrGS5JJPg>

MFJ Presentation: Antenna Analyzer Product Line Part 3 of 3: <https://www.youtube.com/watch?v=2sN73meF4gE>

MFJ Presentation: Testing Coax Cables Part 1 of 2: <https://www.youtube.com/watch?v=-TOyeaOfawg&t=1s>

MFJ Presentation: Testing Coax Cables Part 2 of 2: <https://www.youtube.com/watch?v=GPFFOQAgED8&t=1s>

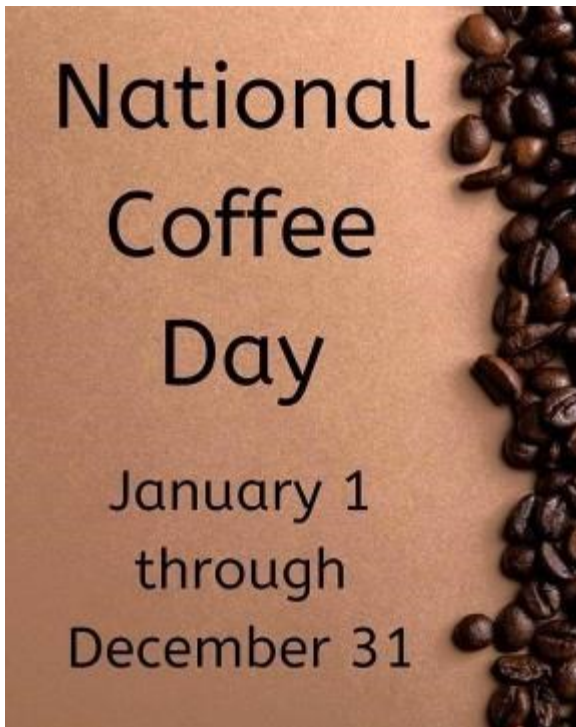
MFJ Presentation: Coils and Antenna Resonance: <https://www.youtube.com/watch?v=xL7Lwvk4Fv4>

Another club web page I periodically check on is **Cherokee Amateur Radio Society** (WX4CAR) in Cherokee County, GA; <https://www.wx4car.org/>

They have a monthly Technical Program and it is posted to their web site after the meeting. Under the heading "[Technical Monthly Programs](#)" there is a list of all presentation from 2024, 2023, 2022 and later. Their presentations are PDF files that you can download and view (no videos).

One of the items that is interesting is the annual *January Survey Results Presentation*. This is perhaps something that we could do to discover more about the club member's feelings and expectations about MVARC. Anyone feel like stepping up to take on this activity? (My guess is NO, there is no interest in doing this activity).

Take some time and look around, there are multiple resources for learning more about ham radio both technically and how to better operate.



## Ohio ARRL Sanctioned Hamfests

The current listing of [Ohio Great Lakes Division ARRL Sanctioned Hamfests coming in](#) September and October 2024.

**09/08/2024**

[Findlay Hamfest](#)

**Location:** Findlay, OH

**Sponsor:** Findlay Radio Club

**Website:** <https://findlayradioclub.org/>

**09/22/2024**

[Cleveland Hamfest](#)

**Location:** Berea, OH

**Sponsor:** Hamfest Association of Cleveland

**Website:** <https://www.hac.org/>

**October 5, 2024**

[Northwest Ohio Amateur Radio Club \(NWOARC\) Hamfest](#)

**Location:** Lima, OH

**Sponsor:** Northwest Ohio Amateur Radio Club, Inc.

**Website:** <http://www.nwoarc.com>

**October 5, 2024**

[Scioto Valley Amateur Radio Club Hamfest](#)

**Location:** Piketon, OH

**Sponsor:** Scioto Valley Amateur Radio Club

**Website:** [Scioto Valley Amateur Radio Club](#)

**October 27, 2024**

[2024 MARC Hamfest at Maps](#)

**Location:** N. Canton, OH

**Sponsor:** Massillon Amateur Radio Club, Inc.

**Website:** <https://www.w8np.net>



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“It’s Fall, so don’t forget to reverse your battery cables!” Unknown

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## General Exam Sample Test Questions

**G5C03** What is the total resistance of a 10-, a 20-, and a 50-ohm resistor connected in parallel?

- A. 80 ohms
- B. 17 ohms
- C. 0.17 ohms
- D. 5.9 ohms

**G5C07** What transformer turns ratio matches an antenna's 600-ohm feed point impedance to a 50-ohm coaxial cable?

- A. 144:1
- B. 3.5:1
- C. 24:1
- D. 12:1

**G4B09** What is the capacitance of three 100-microfarad capacitors connected in series?

- A. 33.3 microfarads
- B. 300 microfarads
- C. 0.33 microfarads
- D. 3.0 microfarads

## Extra Class Exam Sample Test Questions

**E6C01** What is the function of hysteresis in a comparator?

- A. To prevent input noise from causing unstable output signals
- B. To allow the comparator to be used with AC input signals
- C. To increase the sensitivity
- D. To cause the output to continually change states

**E6C02** What happens when the level of a comparator's input signal crosses the threshold voltage?

- A. The feedback loop becomes unstable
- B. The comparator changes its output state
- C. The IC input can be damaged
- D. The reference level appears at the output

**E6C03** What is tri-state logic?

- A. Logic devices with 0, 1, and high impedance output states
- B. A counter with eight states
- C. Logic with three output impedances which can be selected to better match the load impedance
- D. Logic devices that utilize ternary math

These test questions are from the current test pools for their respective license classes. How did you do? The answers are on the last page. Practice tests for all license classes can be found here: <https://www.qrz.com/hamtest/>.

## Editors Notes

The MVARC Newsletter is delivered to club members via email containing a link to the MVARC webpage, 2024 Newsletters button.



We really **NEED** your input - help eliminate missing articles on club events or interests!

Submit an article as a Word, OpenOffice or text file attachment to an email. **Do not** submit a PDF file.

Contact email for the MVARC newsletter is: [admin@mvarc.net](mailto:admin@mvarc.net).

MVARC CQ is the official newsletter of the Mount Vernon Amateur Radio Club.

## MVARC

- \* President  
Frank, KC8EVS
- \* Vice President  
Emery, W8TW
- \* Secretary  
Bill, KD8WHQ
- \* Treasurer  
Terry, KI8N
- \* Club Call Trustee  
Don, W8PEN
- \* Equipment Trustee  
Barry, N8PPF
- \* Directors  
Michael, KE8HGE  
Roger, KE8ICI  
Scott, N8SY  
Barry, N8PPF  
Tom, KD8HSA
- \* Newsletter Editors  
Frank, KC8EVS  
Terry, KI8N



### Web Page

[MVARC.net](http://MVARC.net)

### Facebook Page

<https://www.facebook.com/mvarc>

### MVARC Email

[admin@mvarc.net](mailto:admin@mvarc.net)

## Practice Amateur Radio Exam Question Answers

G5C03—D

G5C07—B

G5C09—A

E6C01—A

E6C02—B

E6C03—A

### OUR TOWN



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"I remember something Don W8PEN had said when he was being interfered with: "If he is bothering me he isn't bothering someone else".“ Frank, KC8EVS

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