

# Mount Vernon Amateur Radio Club

February 2025

2025 Edition 2



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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

**February Meeting**— February 8 — 10:00 am at the Academy Building on Fairgrounds Road.

## President's View

Frank, KC8EVS



January was a cold month, I hope you all kept warm. Just finished Winter Field Day at Rogers KE8ICI's. It went well and we did not do too bad. The band conditions were not the greatest, but we managed. Don wrote up an article with all the stats, you will find it somewhere in this newsletter. We had a good turnout also; my count was 12. If I don't have your name down, it is because I forgot to put out a sign-up sheet and did it from memory.

The week before was the ARRL VHF contest. I managed to make two, 2-meter SSB contacts and six, 6-meter SSB contacts. Not great but a start. I rarely work much on those bands, especially SSB. I think it will come around again in June, so time to prepare and won't be cold out.

Our next event will be NVIS. This is usually towards the end of April, so we have a little time before we need to get serious about planning.

Not much else to report from here so I will bring it to a close with a reminder that the next two meetings will be at 10 am on Saturday February 8 and March 8.

NVIS	TBD
Blackfork Gravel Grinder	May 3, 2025
Field Day	June 27-29 , 2025
OSPOTA	Sep 6, 2025
POTA Activation	TBD
First Friday	TBD
Family Palooza (Apple Valley, Floral Valley)	TBD

**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

### Frank, KC8EVS



1. Frank called the meeting to order at 10 am sharp.
2. No one could remember the minutes from the November meeting and there were no minutes from December except for the naming of officers for 2025 therefore they were accepted as written. Any problems can be discussed at the next meeting.
3. Treasurer Report: Terry is ill so no report until next month and at that time he will have a 2024-year end report.
4. ARES: Bill Stroud is resigning as our EC. We do have an interested member and he will be contacting the necessary people and will let us know if he is accepted. Yes, he is new to the area and does not know that these are lifetime positions. Update to the minutes, please congratulate Tony, KE8OOE, our new EC.
5. ARRL: Scott addressed some upcoming changes to the ARRL bylaws. He was very informative about what had taken place and what ARRL is planning to correct the situation. He will be in Connecticut next week working with the other Directors on the bylaws.
6. Repeater Report: Roger is ill, therefore no report. But the feeling was that the repeater was working well.
7. Mesh/EchoLink: Don reiterated the fact that he is slowly shutting down the mesh network. EchoLink is running well, and Don is looking at the possibility of moving it out to the water tower in the future. Don took this time to discuss a project he has been working on (working on making the club station available remotely). Basically, it is going well at this point, he still has some bugs to work out before going live.
8. Directors: Michael not present, so nothing to report.
9. Winter Field Day January 25-26:
  - a. Roger will be hosting Winter Field Day at his place.
  - b. We will be running 2 stations
  - c. It starts at 1600 UTC (11 am) on Saturday and ends at 21:59 UTC on Sunday.
  - d. Hope to see everyone there even if you only come out for an hour or so.
10. Future thoughts:
  - a. The codes for controlling the repeater are on the web page if you need to bring up a net or to shut down/start up the transmit function of the repeater. If you have any questions, please contact Roger KE8ICI or Frank KC8EVS.
  - b. Steve N8RLW wants to give a class online for DMR. Contact him if interested.
  - c. Some discussion of the possibility of hosting a club POTA event in July or August. Let me (Frank KC8EVS) know if you would like to participate in this event.
  - d. Frank brought up the need for a plan for what we can do in the event of a disaster here in Knox County. Not much has happened over the last couple of years and if something did we would be not much help to anyone. So, what can you do? Check into the net on Sunday, maybe be net control sometime. Come out and participate in one of our events and practice getting on the radio, especially something that stretches your skill set. More to come.
11. 50/50: \$14 won by Emery W8TW, donated it to the club.
12. Meeting adjourned at:? Who knows I did not look at my watch! Oh well we did adjourn just no time to show here.

Members in attendance:

Frank Counts KC8EVS	Don Russell W8PEN	Tom Evans KD8HSA
Emery Bennett W8TW	Tony Aristide KE8OOE	Don Brunner KB8QPO
Scott Yonally N8SY	Barry Butz N8PPF	Darlene Pudunski WS8W
Evan Koontz KF8APC		

## New Ham Information

If you are a new ham (less than 6 months ago) you are eligible for the [QRZ New Ham Jumpstart Program](#).

Click on the link or go to QRZ.com and scroll down to the box for the Jumpstart Program.

This program is designed to promote amateur radio to the masses, helping to eliminate a possible barrier to entry by providing new hams with everything they'll need to get on the air at a very reasonable price.



Includes:

- Explorer QRZ-1 Handheld Radio
- 1400mAh Battery (ZXP-BAT-10)
- Charging Cradle with AC Adapter
- Antenna (SMA)
- Owner's Manual

## Contact Us

### Mail

### **MVARC**

812 Coshocton Ave.

PMB #145

Mount Vernon, OH 43050

### Email

**admin@mvarc.net**



**MVARC  
February  
Meeting**

**February 8, 2025  
10:00 AM**





Academy Building  
Fairgrounds Road

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“Life isn’t a contest; the winner isn’t the one who amasses the most gold. Life’s a symphony; the winner is the one who enjoys every note.” Epictetus

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# February

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2 <b>Groundhog Day</b> 9:00 pm ARES Sunday Night Net	3 	4	5 4:45 pm Dinner	6	7 9:00 am— Breakfast McDonalds	8 <b>CLUB MEETING 10:00 AM</b> 
9 9:00 pm ARES Sunday Night Net	10	11	12 4:45 pm Dinner	13	14 <b>Valentine's Day</b> 	15
16 9:00 pm ARES Sunday Night Net	17 <b>Presidents' Day</b> 	18	19 4:45 pm Dinner	20	21 9:00 am— Breakfast McDonalds	22
23 9:00 pm ARES Sunday Night Net	24	25	26 4:45 pm Dinner	27	28 9:00 am— Breakfast McDonalds	

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

## Radio Activity

### Don, W8PEN



January has been slow, mostly due to the cold and snowy weather. Certainly, not much antenna work has been done.

#### My 160-meter antenna

Before the weather got too bad, I was able to put a 160-meter antenna on the tower.

This antenna is a quarter wave wire (130 feet for 160 meters) working against my 48-foot tower. This wire is only about eight feet off the ground. Just high enough to keep from walking into it.

By working against the tower, the antenna is supposed to radiate the tower, turning the tower into a relatively cheap vertical antenna. Good use of a tower. Of course, you are supposed to have a large beam on top of the tower to electrically lengthen the tower.

I have installed similar antennas before with success. The indication is that this antenna is working well. I am not sure whether the antenna is acting like a vertical antenna or simply acting like an NVIS antenna. However, I was able to work all of the stations I had heard when I was experimenting with the antenna I did not hear any DX stations. But then, the contest was a domestic contest, and I was not looking for DX. Further testing of this antenna is indeed warranted.

An added benefit to this antenna is that it also resonates at 60 meters, a third harmonic of 160 meters. The SWR is better at 60 meters than it is at 160 meters. I am getting out pretty good on 60 meters with it.

#### Remote Base

The remote base that I had set up at the club using the Kenwood TS-570D is working well. I have had no issues with it and have made a few contacts through it while connected over the internet.

I do not really like using Skype as an audio link. I am investigating alternative software that runs the radio and audio as a one-stop shop.

Doing so will probably mean we will use the IC-7300 as the remote station. The IC-7300 is a newer radio and has more software available for it and I do have an idea of what software to use. The TS-570D, being a little dated, does not have a full range of software options.

The issue I have with this other software is that I will need to open some ports to get connections to the outside world. That means changing settings on the router, which we do not have access to.

I do have a workaround plan, so I will give the new software a shot. I know this is vague, but to explain further would take more pages than I wish to type. So, we will leave it right here for now.

I will be shutting down the remote station temporarily to use the TS-570D for Winter Field Day. A few months ago, I bought a 500 Hz CW filter for the TS-570D. The plan was to use this radio for our summer Field Day event. Winter Field Day will be a good test for the TS-570D as to how well it works on CW with the filter installed.

I will make another report on the remote radio base at the February meeting and March Newsletter.

#### Winter Field Day

Winter Field Day will be over by the time members read this. However, just as an FYI I am putting this in the Newsletter. I am hoping to send just this part of my column to everyone before Winter Field Day arrives.

Here are the specifics:

Roger, KE8ICI, is once again hosting Winter Field Day in his garage. His address is 15590 Lower Fredericktown Amity Road, Fredericktown, OH 43019.

Just make sure when looking for Roger's house that you are on Lower Fredericktown and not Upper Fredericktown, Amity Road.

Winter Field Day will begin on Saturday, January 25, 2025, at 11:00 AM and end on Sunday, January 26 at 4:59 PM. Note that this is a 30-hour period.

We will be running two stations. One for SSB and one for either SSB or CW depending on the operator.

Our operating class will be 2H. Meaning we are operating from a home station using two transmitters simultaneously.

I think Roger's wife is planning some goodies. I will bring something to snack on. However, I recommend bringing your lunch or dinner, plus drinks.

#### EchoLink

Currently, our EchoLink system is functioning well. I am letting it run if it isn't broken, don't fix it mode. Occasionally a Windows update makes me reboot the computer, so I do need to check it often.

#### QRT

That is it for this month. See everyone at the February meeting. 73.

## DMR and FM Digital Modes Class

### Stephen, N8RLW

I am putting together a class on "What is DMR". This will be a high-level overview of how DMR works and why there are so many different FM digital modes.

It will be a virtual class, so no one has to leave their shack to attend. I'll send out the access link the week before the class and I just need people to sign up by sending an email to: [sharvey6325@gmail.com](mailto:sharvey6325@gmail.com).

To register, I just need your first and last name along with your email address.

I'll be using [Google Meet](#) for this presentation and will send out the link to the people who sign up.

**Deadline to sign up:** February 8th.

**Class:** DMR and FM Digital Modes

**Date:** February 15th, 2025 (Saturday)

**Time:** 11:00 AM

**Run time:** 1 hour



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## Knox County Repeaters

### K8EEN

146.790 PI 71.9

Type: Analog Only

Features: Weather Net, ARES Net at 9:00PM on Sunday EchoLink: 809800

444.600 PL 71.9

Digital ID 00 for C4FM/Fusion

Type: Automatic Mix mode, Analog and Yaesu C4FM/Fusion

Features: Backup to the 146.790 machine.

### KD8EVR Repeater

442.100 PL 71.9

Type: Automatic Mixed mode, Analog and DMR

Color Code: CC7 (which is the digital PL of DMR)

TalkGroups with TimeSlots

**TimeSlot1**

Local 9 - Local Traffic Only

313964 - Knox, Morrow and Marion County Link

31395 - ARES USA only

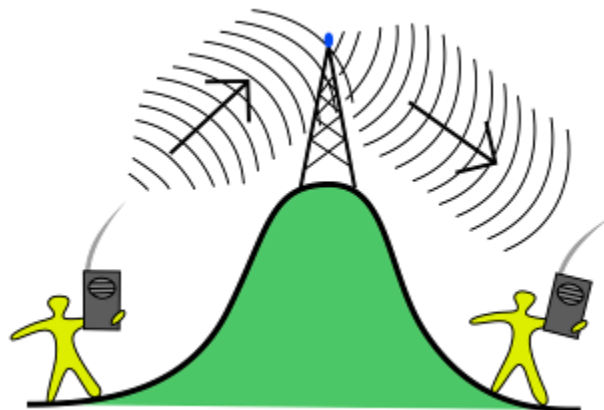
**Timeslot2**

Local 2 - Local Traffic Only

3139 - Ohio Statewide 10-minute limit

31391 - Northeast Ohio

31398 - EMCOMM



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"With Groundhog Day coming up doesn't this remind you of some of the things we do in our daily lives." Terry, K18N

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## Miscellaneous Rambling

Terry, KI8N



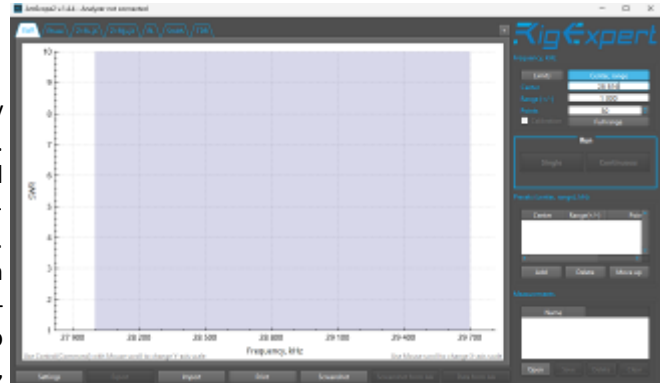
I feel I have missed most of January since we both were sick with Covid. Not much accomplished and missed every event, meeting, and get-together that we had scheduled. However, we are now feeling much better and I plan to be at the February meeting. One of the items to go over, besides the Treasurers Report,

is the 2024 Financial Accounting overview. This is done for a couple of reasons; one is to provide an open discussion of where we spent our club funds and determine what we need to budget in the coming year. Secondly, I need this information to file our taxes. I will bring copies of the information to the meeting.

With Groundhog Day coming up doesn't this remind you of some of the things we do in our daily lives. "It's Groundhog Day!" and we do the same things the same way repeatedly. Such as club meetings, work, and grumbling about life in general. Maybe it's time for a change to how we view and interact with all the above. Just a thought? Here is a [video clip](#) of how life can sometimes feel. Finally, lines from the movie I like:

- *I sure as heckfire remember you*
- *Watch that first step, it's a doozy!*
- *Don't drive angry. Don't drive angry*
- *I'm A god.. I'm not THE God*
- *This is pitiful. A thousand people freezing their butts off waiting to worship a rat. What a hype. Groundhog Day used to mean something in this town. They used to pull the hog out, and they used to eat it. You're hypocrites, all of you!*
- *It's gonna be cold, it's gonna be gray, and it's gonna last the rest of your life.*

Now back to ham activities. I acquired a new RigExpert Stick 500 analyzer to use when setting up and checking antennas. I also installed their AntScope software on a laptop to use for a better visual experience. I am very happy with the analyzer and software operation. I checked my installed antennas, and they measure much better than I thought they would. Based on how well this unit works I sold my MFJ-259C analyzer. I was surprised how quickly the MFJ sold. Listed it online and within an hour I had a buyer.



The only ham activities I participated in this month were being a hunter for POTA's "support your parks weekend" and working the ARRL RTTY Roundup contest. In the RTTY contest I worked it for about four hours and made 230 contacts with 59 multipliers for a total of 13,570 points. It was amazing that a station in Aruba had over 200 contacts when I first contacted him, and he was my 30<sup>th</sup>. Then when I was at approx. 200 contacts, I contacted him on another band, and he was over 2000. I guess I just wasn't that motivated and definitely not in a highly desired location.

No engine or old car rebuild work this month. Besides being under the weather, it was just too cold to care. There is another day for this activity in the future.

Also, everyone should welcome Tony, KE8OOE for volunteering to become the new ARRL Knox County Emergency Coordinator.

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

"Be safe and Ham it UP"!



"This event is good training for our Summer Field Day event in June." Don, W8PEN



# Winter Field Day

## Don, W8PEN



This year's Winter Field Day event was held at KE8ICI, Roger's QTH. He has a very nice, heated garage with all the amenities, including coffee pot and restroom. Two essential items needed when contesting.

Operators were Roger Gorrell (KE8ICI), Frank Counts (KC8EVS), Evan Koontz (KF8APC), and Don Russell (W8PEN). We had many club members visit and hang out, which was great. Unfortunately, I was not able to keep track of everyone. Rather than miss someone, I am leaving that area open for further discussion. I think there was a visitor list created.

The group battled some bad band conditions early on but still managed a very good start. The first hour of the contest saw 84 contacts recorded. That was a fantastic start!

Overall, the group averaged 38 contacts per hour. The final totals were 214 CW contacts and 242 SSB contacts for a total of 456 contacts. We did not do digital this year. The group worked 61 ARRL sections and one DX station in Spain.

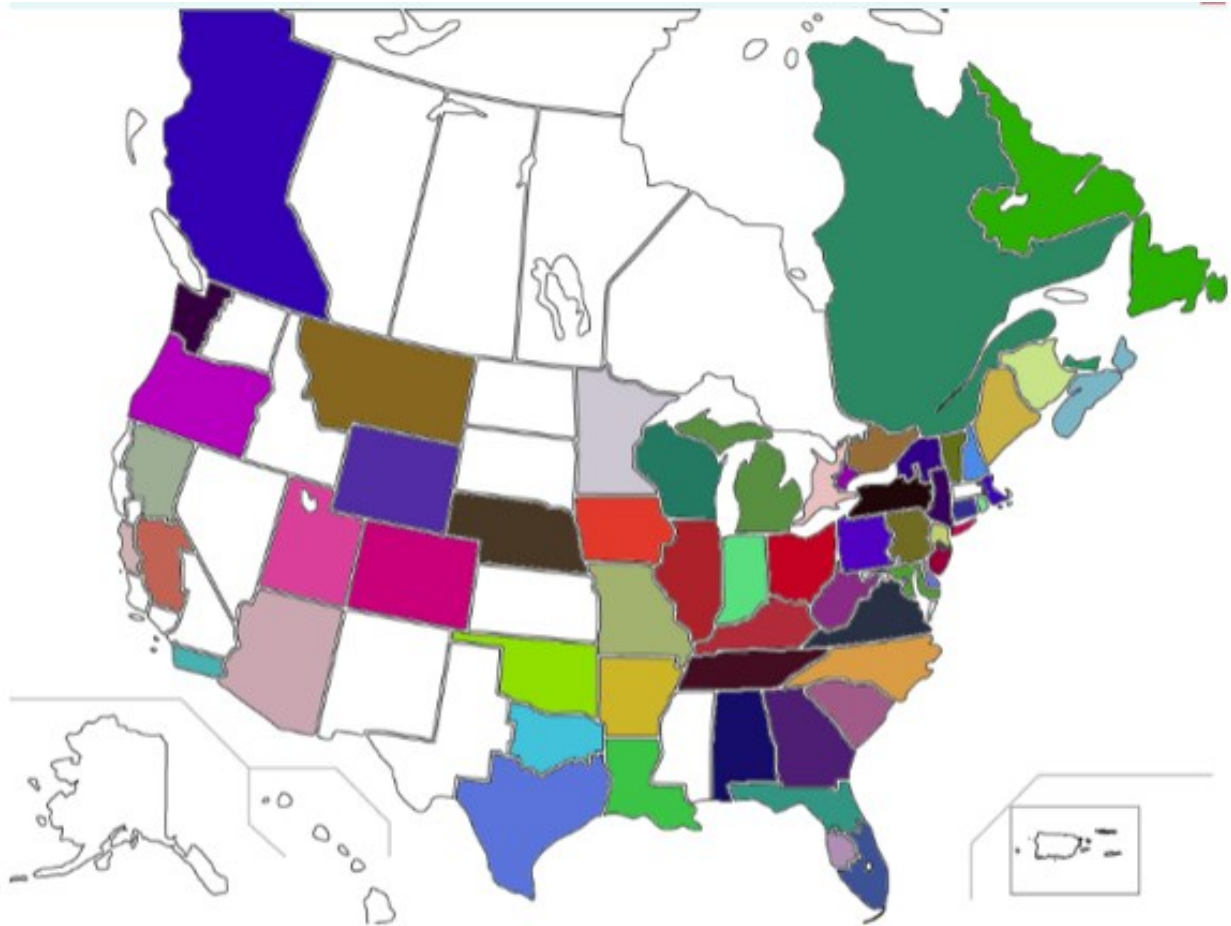
Lastly, the group was fed well by Roger's better half, Patricia. Particularly enjoyable was the shredded chicken and baked beans for dinner and the Blue Berry Muffins for Breakfast. I know I had more than my share! Yummy!

This was a very nice club event. I think everyone that came enjoyed the event whether they operated or simply sat around and talked. This event is good training for our Summer Field Day event in June.

### Winter Field Day Roster

Roger, KE8ICI	Scott, N8SY	Tony, KE8OOE
Don, W8PEN	Barry, N8PPF	Tyler, KF8AVA
Evan, KF8APC	Don, KB8QPO	Dan, ND8J
Bill, KE8ZIG	Steve, N8RLW	Frank, KC8EVS

Contact Map.  
 (White areas are the sections not worked)

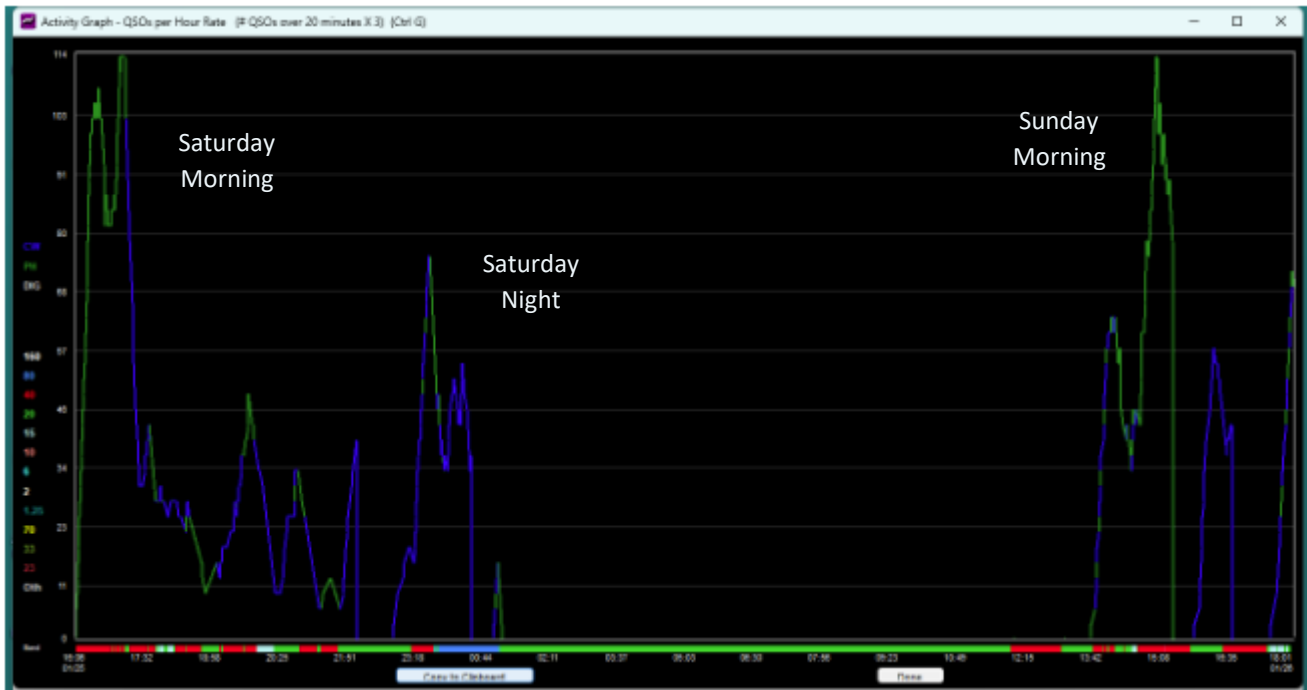


K8EEN's Contest Summary Report for WFD

Operating Period: 2025/01/25 16:06 - 2025/01/26 18:01

Total Contacts by Band and Mode				
Band	CW	SSB	Total	Percent
80 Meters	33	0	33	7
40 Meters	88	165	253	55
20 Meters	64	76	140	31
15 Meters	29	0	29	6
10 Meters	0	1	1	0
<b>Total</b>	<b>214</b>	<b>242</b>	<b>456</b>	<b>100</b>

Contact graph shows two peaks at the beginning of the contest and Sunday morning. There was also a small peak Saturday night.



## Final Takeaway—Station Requirements

Last month this column discussed wire antennas. This month will cover in shack ham needs.

### Power Supply

Ham radio power supplies are critical for providing the necessary DC voltage and current to operate your radio equipment. They typically convert AC from your home's electrical outlet into stable DC power.

Linear and switching power supplies are devices that convert electrical energy to provide a stable direct current (DC) output. A linear power supply achieves this by reducing the voltage of an incoming alternating current (AC) using a transformer, then rectifying and smoothing it. In contrast, a switching power supply rectifies and smooths the voltage before regulating it using a high-frequency pulse train.

Here are a few key points to consider when selecting a power supply for ham radio use.

Key Features of a Good Power Supply:

1. **Voltage Output:** Most ham radios require 13.8V DC, but it's important to check your specific radio's requirements. Some radios can operate with a range of voltages, but 13.8V is common.
2. **Current Rating:** The power supply should be able to provide enough current (measured in amperes) for your transceiver's peak power output. Typically, a 20A or 30A power supply is recommended for higher power radios, especially those that can transmit at 100W or more.
3. **Regulation:** A regulated power supply ensures a steady voltage output even as the load varies (e.g., when transmitting at full power). Unregulated supplies may cause voltage dips when the radio is transmitting, which can lead to instability or issues with the equipment.
4. **Size and Noise:** Some power supplies have fans that can create noise. If you're concerned about RF interference, you might want to consider a quieter or shielded power supply.
5. **Efficiency and Heat:** Higher efficiency means less wasted power as heat, which helps reduce the need for large heat sinks and fans.

Popular Brands:

- **Astron:** Known for durable, reliable power supplies, Astron offers models with various amperage ratings. They're a go-to for many ham radio operators.



- **Samlex America:** Offers high-quality, efficient power supplies that are well-regarded in the ham radio community.



**Alinco:** High-quality, high efficiency switching technology, and super-compact for portable operations and still generate a high continuous output.



Considerations for Selecting a Power Supply:

- **Output Wattage:** Ensure the power supply can handle the peak power demands of your rig, especially when transmitting at high power levels (e.g., 100W).
- **Cooling:** Depending on the size and type of power supply, some come with built-in fans, while others might rely on passive cooling. Consider the noise level if you're operating in a quiet space.

- **Portability:** If you plan to take your equipment portable, look for a smaller, lighter power supply.

### Antenna Tuner

Antenna tuners are devices that help match the impedance of an antenna system to the transmitter's output impedance, which is typically 50 ohms. This matching improves the efficiency of signal transmission and minimizes reflected power, which can damage equipment or cause poor signal performance.

There are two main types of antenna tuners:

1. **Manual Tuners:** These require the operator to adjust knobs or dials to tune the antenna system for the best match. The adjustments are usually made based on an SWR (Standing Wave Ratio) meter, which indicates how well the antenna is matched to the transmitter.



2. **Automatic Tuners:** These tuners automatically adjust to the optimal settings when the transmitter frequency is changed, making them more convenient for operators who frequently switch bands.

Some tuners also have built-in features like:



- **Matching for different bands:** Capable of tuning a wide range of frequencies, which is useful for multiband antennas.
- **Power handling:** Some tuners can handle higher power levels, which is important for higher-output transmitters.
- **SWR meter:** To monitor the match and ensure that the antenna system is working efficiently.

### Coax

Coaxial cable is essential for transmitting signals between your radio, tuner, and antenna. It acts as the conduit for your radio's RF signal, ensuring minimal loss and maximum efficiency.

Some of the common types of coax are:



1. **RG-58:** Often used for shorter runs and lower-power applications. It's affordable and flexible, but has higher signal loss compared to thicker cables.
2. **RG-8X:** Slightly thicker than RG-58, providing lower loss over longer distances. It's a good middle ground between flexibility and performance.
3. **RG-213 or RG-8U:** A thicker and higher-quality cable with less signal loss, making it great for longer runs and higher-power setups.
4. **LMR-400:** Known for minimal signal loss, it's commonly used in high-performance setups. It's more expensive but highly effective, especially for longer distances or higher frequencies.
5. **Hardline :** is a high cost type of coaxial cable designed for high-power or low-loss signal transmission, typically in outdoor or long-distance applications. It is sturdier than standard flexible coax, featuring a solid outer shield (often made of copper or aluminum) and a thicker dielectric core, which allows it to maintain signal integrity over longer distances and under harsher conditions.

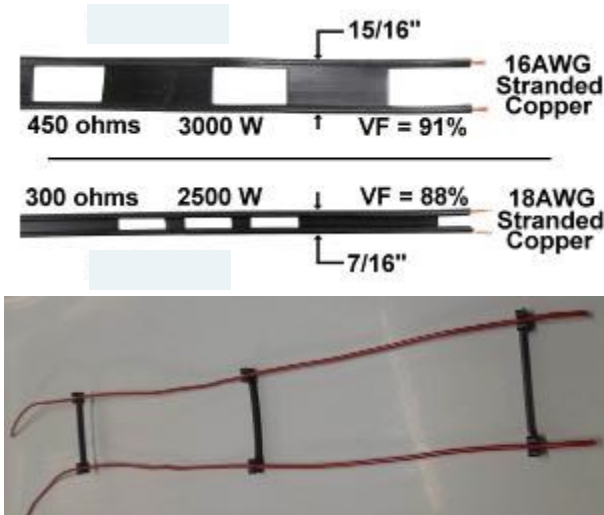


Choosing the right coax depends on your setup, distance between the radio and antenna, power levels, and budget. [Coax Comparison Chart](#)

[Coax Attenuation Chart](#)

## Ladder Line

A type of balanced transmission line that consists of two parallel conductors, typically spaced apart by insulating supports, often resembling the rungs of a ladder, hence the name "ladder line."



Key points about ladder line:

1. **Low Loss:** It has relatively low loss over a wide range of frequencies compared to coaxial cable, especially at higher frequencies.
2. **Wide Bandwidth:** Ladder line can support a broader range of frequencies, making it versatile for different types of antenna systems.
3. **Impedance Matching:** It generally has an impedance of 300 ohms, which is often compatible with many antenna designs. However, it can sometimes require matching to the transmitter or antenna to ensure efficient power transfer.
4. **Durability:** It is often used outdoors, especially in ham radio, because it's rugged and resistant to weather conditions. Some versions are designed with weatherproof coatings or materials.
5. **Application:** Ladder line is often used for feeding multi-band antennas, dipoles, or even wire antennas that require a broad operating range.

[Homemade ladder line.](#)

## RF Connectors

Coax connectors are used to connect radio equipment to the antenna via coaxial cables. There are several different types, each serving a specific purpose. Here are some of the most common types:

### 1. PL-259 (UHF Connector):

- This is the most widely used connector in ham radio.
- It has a threaded connection and is commonly used with coax cables like RG-8, RG-58, LMR-400 and RG-213.
- Often paired with a SO-239 socket on radios or equipment.

### 2. SO-239 (UHF Socket):

- The female counterpart to the PL-259, typically found on radios and transceivers.
- It's used to connect the PL-259 plug from the coax.

### 3. BNC (Bayonet Neill-Concelman):

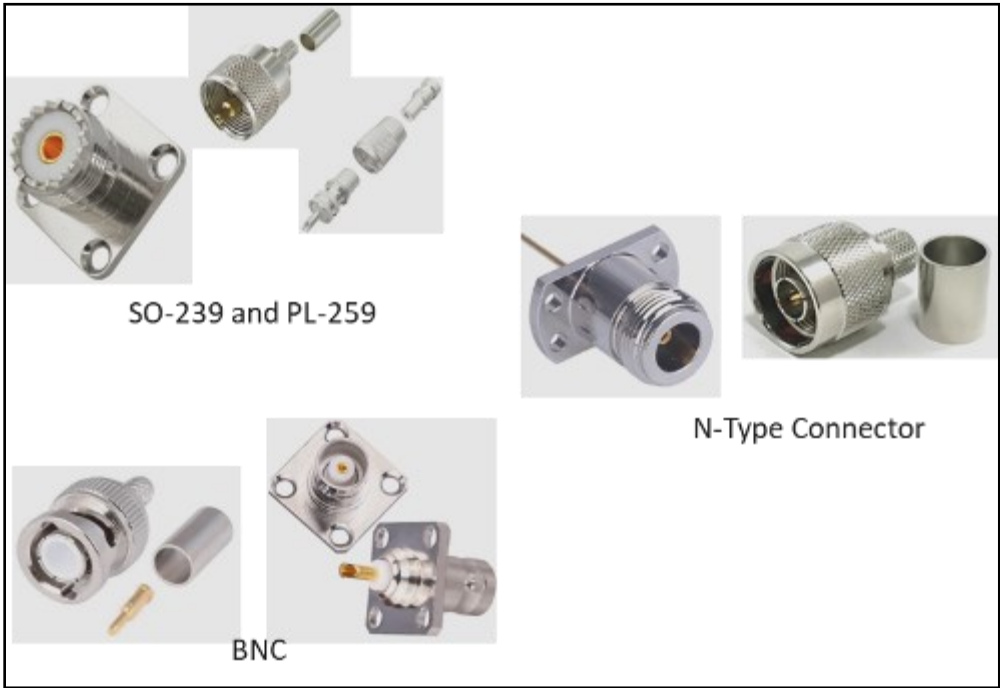
- A smaller connector often used for lower power applications.
- Common in handheld radios or where a compact connector is needed.
- The connector clicks into place with a simple twist, making it easy to connect/disconnect.

### 4. N-Type Connector:

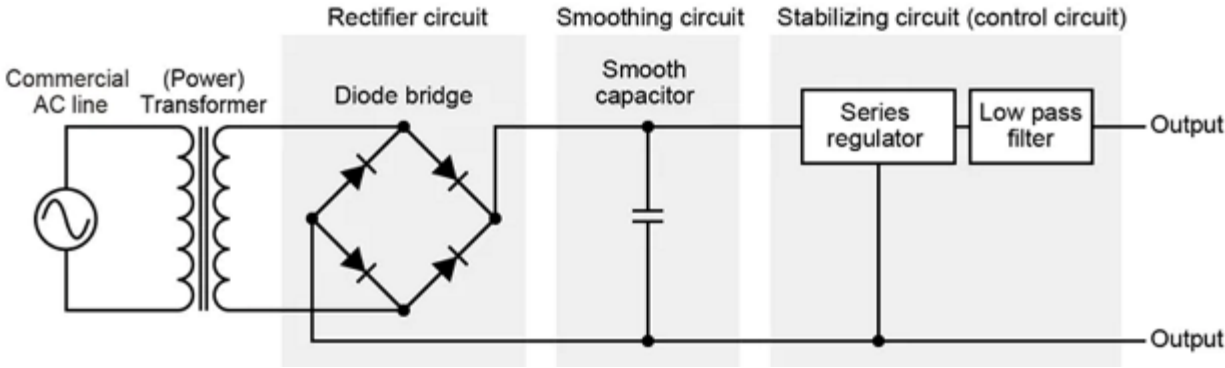
- A high-frequency, durable connector with a threaded coupling.
- Used for higher power or higher-frequency applications, such as VHF, and UHF.
- N-type connectors are often found on base station equipment.

Different coax cables (e.g., RG-58, RG-8X, LMR-400, RG-213) will use different types and sizes of connectors, so it's important to match them accordingly. The choice of connector often depends on the specific requirements of your setup, such as the frequency range, power handling, and durability needed for your application.

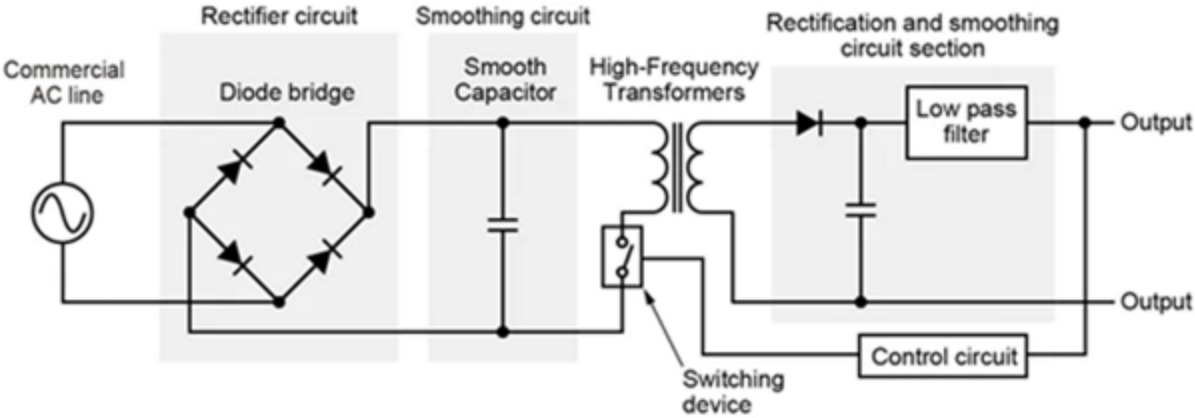
There are lots of YouTube videos and online references how to assemble these connector types onto coaxial cable.



**Linear Power Supply Circuit**



**Switching Power Supply Circuit**



## FM Repeater Nets In And Around Knox County

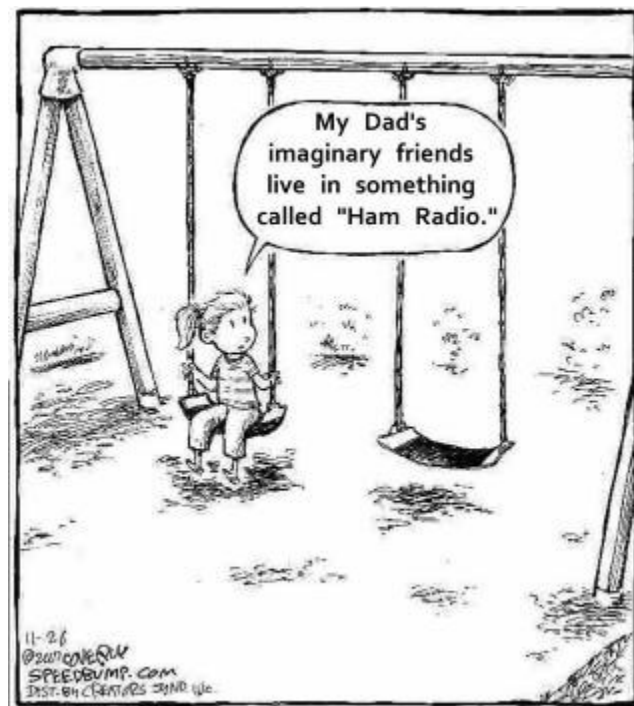
County	Net	Frequency	Day and Time
Coshocton	CCRA	147.045 PL 71.9	Every Sunday 9:00 PM
	ARES	147.045 PL 71.9	Every Monday 8:00 PM
Delaware	Monday Night Net	145.170 PL 74.4	Every Monday 8:00 PM
<b>Knox</b>	<b>ARES Sunday Night Net</b>	<b>146.790 PL 71.9</b>	<b>Every Sunday 9:00 PM</b> <b>EchoLink</b> <b>K8EEN- R Node: 809800</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



What's Wrong?

ABCDEFGHIJ  
KLMNOPQRST  
UVWXYZ

The calmer you are, the easier it is to find the mistake!



“You came from dust and you will return to dust. That’s why I don’t dust. It could be someone I know.” Unknown



## Ohio ARRL Sanctioned Hamfests

Ohio ARRL Hamfest gatherings and Conventions

[Ohio Great Lakes Division ARRL Sanctioned Hamfests.](#)

Or

<https://arrl-ohio.org/hamfests/>



## Training Class Schedule

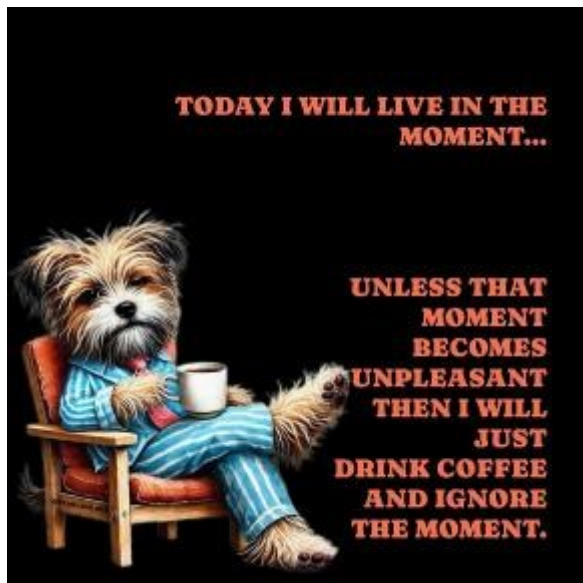
G. Michael, KE8HGE



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

### 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.



I was visiting my DAUGHTER last night when I asked if I could borrow a newspaper.

"This is the 21st century" she said. "We don't waste money on newspapers. Here, use my iPad."

I can tell you this... that fly never knew what hit him...

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"I am putting together a class on "What is DMR". This will be a high-level overview of how DMR works and why there are so many different FM digital modes." Stephen N8RLW

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## Editors Notes



**The MVARC Newsletter is delivered to club members via email containing a link to the MVARC webpage, 2025 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.

President  
Frank, KC8EVS



Vice President  
Emery, W8TW



Secretary / Treasurer  
Terry, KI8N



Director  
Michael, KE8HGE



Director  
Scott, N8SY



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### Web Page

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

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

### MVARC Email

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