

Mount Vernon Amateur Radio Club

November 2024

2024 Edition 11



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

November Meeting— November 11 — 7:00 pm at the Academy Building.

President's View

Frank, KC8EVS



Hope this finds everyone well and radioactive. We are busy here at the KC8EVS QTH, too busy. There is a lot to get done this fall and as we move into winter. One important thing is, if you haven't noticed, there is an important election going on. Not only on a national, state and local level but here in the club. Let your opinion be heard and get out and vote. As the club goes, we will hold our election at the December meeting and the Directors are looking for nominations. This is a good time to show your support for the club and put your name in for one of the positions. None of the positions require significant skills, just being a member of the club, and a desire to participate in the club activities. If you are so moved contact Michael KE8HGE and he will get your name on the ballot.

I haven't been operating as much as I would like due to circumstances beyond my control, but I have been able to experiment with some antenna's here at the home QTH. I have a 160m off center fed antenna up and it is the main antenna that I use. I have repositioned it and it is up a little higher. More time on the air will determine if I like the new position.

Even though I have not been able to get out and activate as a POTA station I'm always looking for a better antenna to use. "Better" is subjective as this depends upon the situation and just experimenting to see what works. My first antenna was a Chameleon MPAS (17 foot vertical with 8-32-foot radials). This works well, must use a tuner and it takes a little more time to set up. Next, I have a couple end fed (9:1 and 49:1) antennas these work great but need some sort of support (tree, pole etc.). These can be tuned so you don't need a tuner. What I have used most is a 17-foot vertical (this can be adjusted to cover 20-6 meters) and a coil can be added to the mix to bring in 40 meters. You can use radials (I use 8-16-foot radials) or a window screen/faraday cloth spread out at the base of the antenna. This is probably the easiest to set up, less than 5 minutes, must adjust the antenna to change bands. I really like this set up. But I am always looking for something different to play with.

With that said, I have been experimenting with a variation of the 17-foot vertical elevating the vertical 4-5 feet and using 2 elevated radials. Placing the radials at 90 degrees from each other makes the antenna more directional. So far testing it out on the back forty it seems to work. Draw back, longer to set up and tune plus it takes up a lot of real estate, wires about waist high. Don, W8PEN just gave me a couple of ham sticks to try, haven't tried them yet but maybe by the next time the newsletter comes out.

Enough of my rambling about antenna experiments. I would like to hear what you have tried and what works for you. Catch me at the meeting on Nov 11 at let me know what you like to use.

73

**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 October 2024 meeting of the Mt. Vernon ARC was called to order by President Frank Counts, KC8EVS.

There were 17 members in attendance.

Meeting Minutes

The minutes for last month's meeting were approved as presented in the October newsletter.

Treasurers Report

Terry, KI8N provided an account of the current balance of all bank accounts and expenditures through October 2024. Money from the savings account in the amount of \$500 was moved to a CD.

Committee Reports

ARES

On November 2 at the Fire Academy in Reynoldsburg Ohio from 8 am to 3 pm the state ARES group will hold a training section. They have not sent out an agenda.

ARRL

Scott, N8SY, talked about the need to know how to send a Radiogram and passed out some information. He will be presenting more at next month's meeting.

Repeaters

Roger, KE8ICI reported the Hytera repeater works fine, the amplifier has not been installed yet. The 440 repeater is at the water tower and running on the Yaesu repeater, it is running fine. All the club equipment has been removed from the hospital. A question was asked if the club owns any equipment at the EMA office? All of it is owned by the EMA.

MESH / EchoLink

Don, W8PEN has been removing most of the Mesh network. He would like to keep the unit at the water tower in case it is needed in the future. The EchoLink system is working fine.

Old Business

G. Michael, KE8HGE reported that there was no new

business submitted to the Directors. They are still accepting nominations/volunteers for 2025 Officers: with only Terry, KI8N offering to continue as Treasurer. There are 2 openings for Directors for which nominations/volunteers are being accepted. Please contact G. Michael, KE8HGE or Frank, KC8EVS with the positions you are willing to fill.

Training

A Technician Class will be starting on October 22 running until December 10 with testing on December 18.

New Business

None

Coming Events

None

This month's raffle was the ARRL Handbook donated by Scott, N8SY and was won by Don, KB8QPO

Meeting Adjourned

A motion to adjourn was made by Scott, W8HK and Seconded by Roger, KE8ICI. The motion passed.

Contact MVARC

MVARC

812 Coshocton Ave.

PMB #145

Mount Vernon, OH 43050

Email

admin@mvarc.net

"I am not a fan of November. This is the month that those liking the outdoors get a rude awakening that Winter months are upon us." Don, W8PEN

We're looking for a few good hams

G. Michael, KE8HGE



Be part of the 2025 MVARC leadership team. We are 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 openings for Director.

If you are interested in filling any of these roles, please contact any Director.

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

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

NOTE: You can view both designs and color options by going to the web address.



"Equipment being for sold for family of Jeff Butz sk.N8SMT" —Swap and Shop, Barry, N8PPF



November 2024

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1 9:00 am— Breakfast McDonalds	2
3 9:00 pm ARES Sunday Night Net	4	5	6 4:45 pm Dinner	7	8 9:00 am— Breakfast McDonalds	9 North American SSB Sprint Con- test
10 9:00 pm ARES Sunday Night Net	11 Veterans Day 7:00 pm MVARC Meeting	12	13 4:45 pm Dinner	14	15 9:00 am— Breakfast McDonalds	16
17 9:00 pm ARES Sunday Night Net	18	19	20 4:45 pm Dinner	21	22 9:00 am— Breakfast McDonalds	23
24 9:00 pm ARES Sunday Night Net	25	26	27 4:45 pm Dinner	28 Thanksgiving 	29 9:00 am— Breakfast McDonalds	30

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

OSPOTA Final Results

<https://ospota.org/wp-content/uploads/2024/11/OSPOTA24-FINAL-1Nov24-Complete.pdf>

Ohio State Parks On The Air



Ohio State Parks On The Air 2024 *Final Results*

17th OSPOTA 2024 General Information
(based on logs received):

Top score this year: **39,739**

62 Parks activated **13** Parks not activated **85** Logs submitted
10 Out of state logs submitted

45 Parks activated sent in a log **17** Parks activated did not submit log
50 Clubs represented over **232** Hams took part this year

 *Ohio State Parks*  *On The Air* 

MVARC placed 12th in Multi Op—Multi Radio— Low Power

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.

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.

It is just that the simple.

Class: DMR and FM Digital Modes

Date: January 25th, 2025 (Saturday)

Time: 11:00 AM

Run time: 1 hour



Knox County Repeaters

MVARC Sponsored 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 and open to all to use.

[Individual Repeaters open to all Amateurs for use.](#)

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

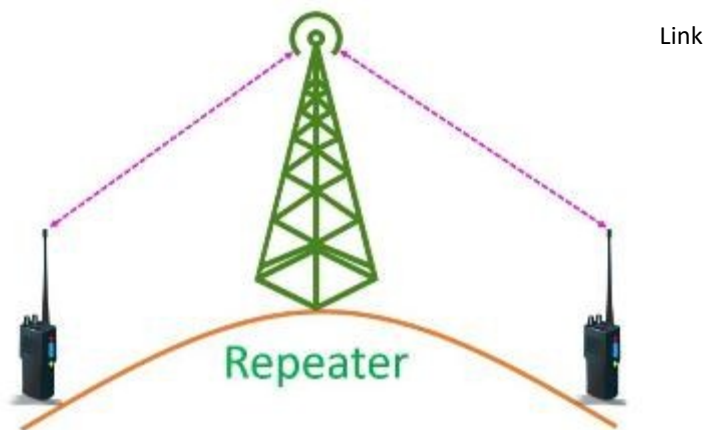
313964 - Knox, Morrow and Marion County

31395 - ARES USA only

Timeslot2

Local 2 - Local Traffic Only

3139 - Ohio Statewide 10-minute limit



Radio Activity

Don, W8PEN



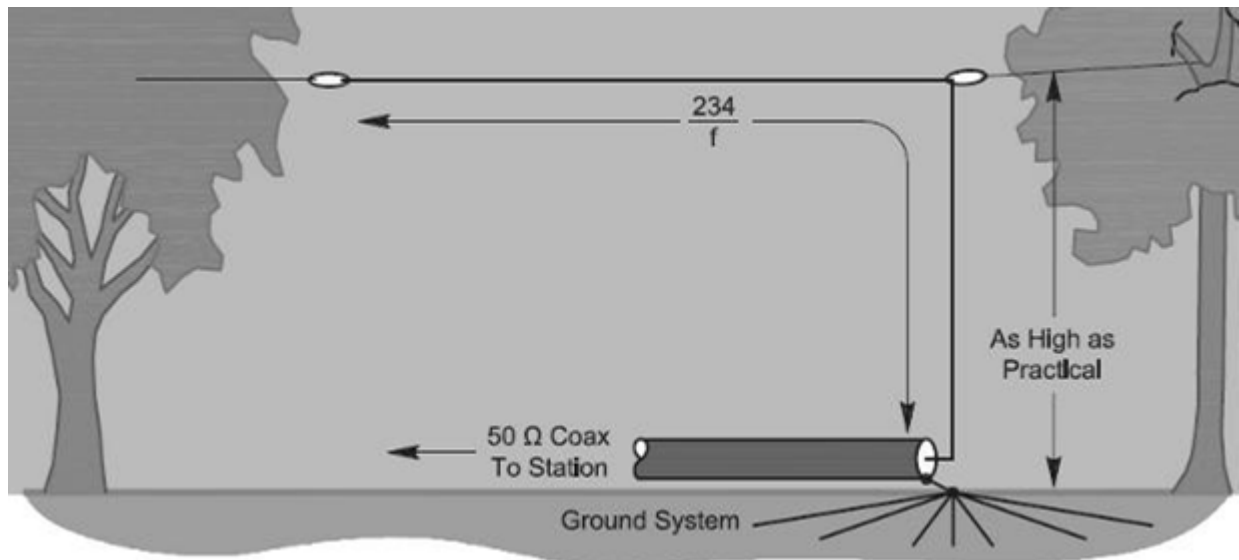
I am not a fan of November. This is the month that those liking the outdoors get a rude awakening that Winter months are upon us. However, there are the holidays to look forward to. Many families only see each other during the holidays, so I guess that is a blessing.

Due to my health, my summer was not what I intended it to be. Did not get near enough fishing in to suit me. While my garden kept me somewhat busy, I did not spend nearly the time with it that I had in previous years. This led to lots of weeds and less production.

My doctors have done an excellent job getting me back to health. I have one more hurdle to go through that will hopefully help my balance issue. I am looking forward to a productive summer in 2025. But first, we must face the Winter of 2024.

Putting antennas up during the Winter is usually no fun. Even on exceptionally warm days, the ground is covered with rain and snow making it slippery to say the least. So, I recently put a new antenna up to give it a try during the Winter, which just happens to be contest season for ham radio operators.

The antenna is simple: An Inverted "L" long wire. This antenna starts at the bottom of my tower, about three feet away from one of the tower legs. The antenna goes up to a cross bar at about 40 - 45 feet, then goes parallel to a tree at the end of my property, about 230 feet. That makes the antenna around 270 feet in total length. Right now, the antenna is fed directly with coax, although I may put a 4:1 or 9:1 balun in the feed line before all is said and done.



The antenna has a 3:1 or higher SWR on most bands. The only bands that are so bad that the internal auto tuner on my Kenwood TS-590s won't handle are the 160 meter and the upper portion of the 75-meter bands. This is why I am considering a balun of some sort for this antenna. In the meantime, I am using an external manual antenna tuner to use these two bands.

I do have a few ideas. I picked up an LDG auto antenna tuner from Barry, N8PPF. This is not an antenna tuner for the outdoors, but I am thinking of putting it in a weatherproof box and connecting to directly to this antenna. To do this, I need to figure out how to start the tuning process of this tuner remotely.

I have made a few contacts with this antenna, but not enough to really evaluate it. Most of my contacts have been with my friend Lynn, KG8G, from Monroeville, Ohio. We often talk on 6, 40, or 80 meters. With this antenna, signals have been good on those HF bands.

I need to do a good contest or two to help me evaluate this antenna.

I will let members know how this antenna performs soon. But enough on this antenna.

To help keep me entertained this Winter, I have initiated a project that may prove interesting and perhaps beneficial to club members. I have decided to try and remote the club station via the internet.

To clarify, I would like to set up the clubs Icom IC-7300 to be accessible to club members at home using their computer.

This is something I have done a few times with my station at home, mainly to just see if I could do it. I was very successful in doing so to the point of being able to make contacts on SSB, FT-8, and other digital modes using my cellphone. Some of you may even remember me doing so at our Friday breakfast, working 2-meter meteor scatter. So, I have had some experience with this.

Running remote from our club room has some unique challenges. Probably the biggest challenge is internet access. I am hoping that the current paid renters of the building will allow us some use of their Wi-Fi. But even if they allow us to connect to their router, most remote-control software requires you to open some ports on the router. I presume that would be asking a bit much.

I have been looking for some remote software that does not require opening ports on a router. Although there is some remote software that works around having to open ports, most of them are versions that you must pay for. TeamViewer is a nice one, but would cost about \$24 a month, even though there is a free version of TeamViewer, I was not sure we qualified for it, being an organization. There are other "pay for use" options that are a little more reasonable at under \$10 a month. However, I was looking for something that would be free. Didn't feel that club members should have to pay for something that probably interests me more than everyone else.

Google to the rescue. [Google Chrome Remote](#) is completely free to use both by individuals and businesses. It does everything I want it to. As an added incentive to try Google Chrome Remote, Google recently updated their software to handle the audio as well as allowing one to take control of a remote computer. Although it is unclear whether you can run audio both ways, I will be giving it a shot. I need the software to send received audio from the server computer to the client computer as well as sending audio from the client computer sending audio to the server computer.



Again, to clarify, the server computer is the computer in the club room controlling the IC-7300. The client computer would be a club members' computer, which accesses the server computer in the club room. When receiving, audio needs to go from the server to the client. When transmitting, audio needs to go from the client computer to the server computer. At least that is how it works on SSB, AM, or FM. Any voice mode for that matter. Audio is not a concern when using programs like WSJT-X, FLDIGI, or any of the other digital modes. CW is a different animal altogether.

Rather than spending hours in the club room, I have been playing with Google Chrome Remote at home using my shack computer to run control software for my TS-590s and to act as the server computer, and my personal computer acting as the client.

I have had some success. I can control the radio easily over the internet and change anything on the radio. There is nothing I can do standing at the radio that I can't that I can't do by using the client computer.

The issue I am having is that I can only hear the radio's audio. I cannot get audio from the client computer to the server computer. Even though I am pretty sure it is possible using Google Chrome Remote.

The last time I set up a remote radio, I used Skype for audio. Skype worked out very nicely and I may have to give Skype a try on this project.

Chrome Remote software is for the server only. Anyone with a Google account can set up Chrome Remote to control their own home computer while away from home.

To use a computer as the Client, it is only necessary to log onto a Chrome Remote web page using a Web Browser. Yes, it is that easy.

As I get further into this project, I will write up instructions on how to log into and use the club's radio. For now, I am going to leave it right here while I further evaluate Google Chrome Remote.

ARRL Great Lakes Division

Are you receiving the Great Lakes Division "Radio Waves" newsletter put out by Scott Yonally, N8SY?

If not, and you want to receive it via email log into your ARRL account and [opt in](#) to have it sent to you. Or, you can go to the [ARRL Great Lakes Division](#) web page to [subscribe](#) or read the newsletter there.

Personnel present at the 10/14/2024 MVARC meeting		
Scott, N8SY	Don, W8PEN	Larry, AC8YE
Bill, KD8WHQ	Emery, W8TW	Don, KB8QPO
Ralph	Barry, N8PPF	Bill, KE8ZIG
Frank, KC8EVS	Roger, KE8ICI	Tom, KD8HSA
Terry, KI8N	Kevin, KD8NGV	Tony, KE8ODE
Scott, W8HK	Evan, KF8APC	



Membership Renewal

It is time to renew your MVARC club membership for 2025. Dues can be paid at a club meeting or mailed to the club address.

MVARC

812 Coshocton Ave.
PMB #145
Mount Vernon, OH 43050

MVARC Membership Application

Regular membership dues are \$20.00. Dues are \$15.00 for those over 65 years of age, additional members in the same family, or who do not hold an active FCC amateur radio license.

Name: _____ Call Sign: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ License Class: _____

Email Address: _____

ARRL Member (Y/N): _____

Please include the Membership Application with your payment as the Treasurer needs this to keep records of who has paid and ARRL membership status. To keep our ARRL Affiliated Club status this information is required when yearly updates are provided to the ARRL.

COMMON MEMBERSHIP BENEFITS



Newsletters



Events



**Sense of
community**

Miscellaneous Rambling

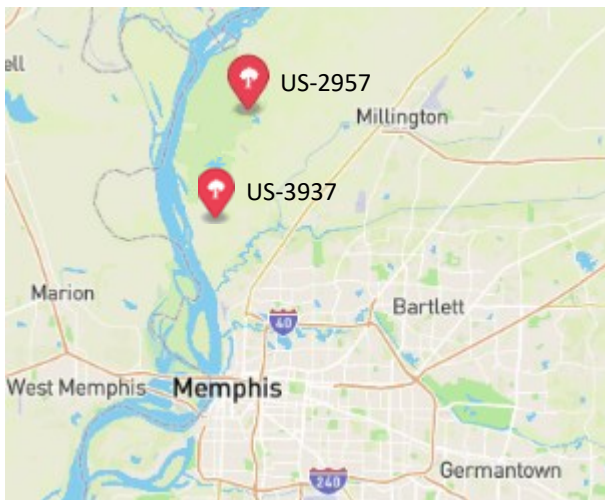
Terry, KI8N



The newsletter is a little later this month than I usually like because I was out of town visiting family in Memphis, TN. It was my granddaughter's seventh birthday. We had a great time seeing her, my daughter and son-in-law and a friend I have known for a long

time, Chris, KA9DGO.

While I was there I activated two POTA locations: US-2957, Meeman-Shelby Forest State Park and US-3937, Eagle Lake Reuge Wildlife Management Area. I camped in and activated the State Park previously but Eagle Lake was a new location for me. The mosquitos at Eagle Lake were horrendous and cut my visit short after 27

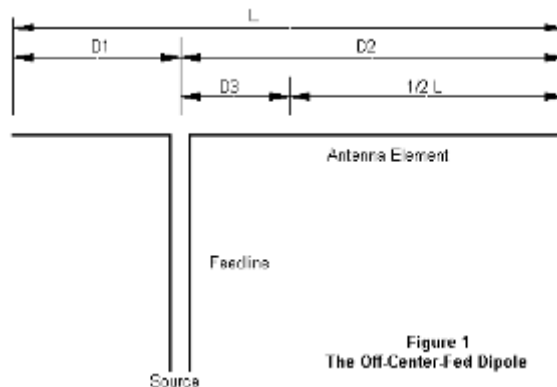


contacts. I was feeling like a mosquito buffet restaurant.

I am planning to do some antenna work like Don, W8PEN and Frank, KC8EVS mentioned. I have a 160-meter OCF dipole I need to rehang. Now that the weedy area in the back of the lot has died, the leaves have fallen, and the creek is dry I can get back there to put the support rope into a tree. I do not like going into the woods/weeds in the summer as this area is tick infested and I do not like getting them on me.

I am repositioning it this year as it was hung facing North to South and now it will be East to West. This change is mandated by the support fixture I put on the tower when it was on the ground. I put the fixture on

the wrong tower leg so my old location will not work since the fixture location would mean the antenna wire would touch the tower. The tower serves as the center antenna support with one wire going 90' to an opposite tree and the 180' wire going to a tree at the back of the



property. Hoping to have it higher on both ends this time.

Find myself thinking "where did the year go"? I had so many projects planned that I did not get to and with the weather changing they will not get done. I wanted to paint some areas on the house and finish the new patio cover, guess they will be there next year!

I rented a lift to reach the fluorescent bulbs in the external building since several were burned out. The light fixtures are on the ceiling and about 20' in the air. I replaced all 22 eight foot bulbs with new LED bulbs. Easy project, remove the bulbs, take out the old ballast, connect the wires together, and put in the new bulbs. Having 22 working daylight bulbs sure does make it brighter than the old fluorescent bulbs. While I had the lift, I also used it to paint the front wall in the building and then stained and painted the new patio cover inside areas. So much easier and safer than hanging from an extension ladder.

I am continuing work on the 1964 Galaxy 500 engine bay and engine. Most of the engine is cleaned and painted and waiting on me to order new parts. The transmission is what I will be starting on next. The joy never ends!

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

"Be safe and Ham it UP"!

"... Directors are looking for nominations. This is a good time to show your support for the club and put your name in for one of the positions." Frank, KC8EVS

Final Takeaway

What are Ham Radio Frequency Bands and How Are They Used?

The electromagnetic frequency spectrum is divided into “bands” which are assigned to specific uses. Amateur radio is further subdivided into several classifications based on these frequency bands. These bands are:

- Low Frequency (LF)
- Medium Frequency (MF)
- High Frequency (HF)
- Very High Frequency (VHF)
- Ultra-High Frequency (UHF)

These bands are utilized differently depending on what it is you are looking to accomplish, your equipment, and your license.

Low Frequency

LF is defined as between 30 KHz and 300 KHz. Within Ham radio, the only band is 2200 meters, with a frequency range of 135.700 KHz – 137.800 KHz. This band is used for data, voice, and CW (Morse code) transmissions.

Medium Frequency

MF has two bands: 630 meters and 160 meters. These bands sit on either side of the AM broadcast bands with 630 below and 160 just above. Both are used for data, voice, and CW (Morse code) transmissions.

630 Meter ranges from 472 KHz to 479 KHz. 160 Meter ranges from 1.800 MHz to 2.000 MHz. 160 was previously the lowest band used in ham radio and is often called the “top band” by many hams.

High Frequency

HF bands are where most long-distance communications happen in amateur radio.

- 80 Meter ranges from 3.5 MHz to 4.0 MHz. This band performs best during the evening hours and during the winter. 80 Meter can be used for CW, data, voice, and image transmissions, and is a favorite amongst many hams.
- 60 Meter has more limitations than other bands. There are currently only 5 frequencies in 60 Meter that are open to ham radio: 5332 KHz, 5348 KHz, 5358.5 KHz, 5373 KHz, and 5405 KHz.
- 40 Meter ranges from 7.000 MHz to 7.300 MHz. It is considered by many to be the most reliable long-distance (DX) band, and for that reason often has a lot of traffic. 40 is used to transmit CW, voice, and images.
- 30 Meter is a digital band and ranges from 10.100 MHz to 10.150 MHz. It can be used for CW and data.
- 20 Meter ranges from 14.000 MHz to 14.350 MHz and is a very heavily used band that is often active during the daytime. 20 can be used for CW, data, voice, and image transmissions.
- 17 Meter ranges from 18.068 MHz to 18.168 MHz can be used for CW, data, voice, and image transmissions.
- 15 Meter ranges from 21.000 MHz to 21.450 MHz and can be used for CW, voice, and image transmissions.
- 12 Meter ranges from 24.890 MHz to 24.990 MHz and is used for CW, voice, and image transmissions.
- 10 Meter band ranges from 28.000 MHz to 29.700 MHz and can be used for CW, data, voice, and image transmissions.

Very High Frequency

VHF ranges between 30 MHz to 300 MHz. VHF is often used for two-way voice communications by public service agencies and others for their day-to-day radio needs, especially in more rural or remote areas.

- 6 Meter ranges from 50.0 MHz to 54.0 MHz and can be used for CW, voice, image, data, and MCW (Modulated Continuous Wave) transmissions.
- 2 Meter ranges from 144.0 MHz to 148.0 MHz and can be used for CW, voice, image, data, and MCW.
- 1.25 Meter ranges from 219.0 MHz to 225.0 MHz and is used for CW, voice, image, data, and MCW.

Ultra-High Frequency

UHF ranges from 300 MHz and 1 GHz and is often used for voice communications by public service agencies and others for their day-to-day radio needs, especially in more urban areas. These bands are used for CW, voice, image, data, and MCW.

- 70-centimeter ranges from 420.0 MHz to 450.0 MHz
- 33-centimeter ranges from 902.0 MHz to 928.0 MHz
- **23-centimeter ranges from 1240 MHz to 1300 MHz**

Band Plans

Band plans are divisions of a specific band that are assigned to each type of transmission, or mode. This is done to both make it easier for hams to find each other and to reduce interference.

In the USA, band plans are issued by the National Association for Amateur Radio (ARRL) and are available on their website at <https://www.arrl.org/band-plan>.

Go To Emergency Frequencies

The most important ham radio emergency frequencies are the ones that keep you informed about what is going on around you. The first frequencies on this list are the NOAA All-Hazards Weather Radio (NWR) frequencies.

These frequencies are used to transmit important weather and other hazard information 24 hours a day, 7 days a week. These broadcast information to the public regarding severe weather warnings and during a national or local emergency.

- 162.400 MHz
- 162.425 MHz
- 162.450 MHz
- 162.475 MHz
- 162.500 MHz
- 162.525 MHz
- 162.550 MHz

Next would be the National Calling Frequencies. These are the most common channels used for ham to first communicate with one another. They're monitored 24/7 and once contact is made, communication can be moved to other less-busy frequencies.

- 146.520 MHz
- 446.000 MHz

While they are not amateur radio frequencies, it is a good idea to monitor the two main CB channels. Most ham radios or shortwave radios can monitor these frequencies.

- 27.065 MHz—CB Channel 9
- 27.185 MHz—CB Channel 19

Some others to add would be the most used GMRS/FRS channels.

- 462.675 MHz (GMRS Emergency Frequency)
- 151.820 MHz
- 151.880 MHz

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
Knox	ARES Sunday Night Net	146.790 PL 71.9	Every Sunday 9:00 PM
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.

MVARC Monthly Meeting

November 11, 2024

7:00 pm

Academy Building - Fairgrounds Rd.

"To clarify, I would like to set up the clubs Icom IC-7300 to be accessible to club members at home using their computer." Don, W8PEN

Ohio ARRL Sanctioned Hamfests

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

November 9, 2024

[Grant Amateur Radio Club Hamfest](#)

Location: Georgetown, OH

Sponsor: Grant Amateur Radio Club Hamfest

December 7, 2024

[WinterFest 2024](#)

Location: Archibold, OH

Sponsor: Fulton County Amateur Radio Club

Website: <https://k8bxq.org/hamfest>



Starting in **January 2024** this part of the Newsletter will be a link to the ARRL Ohio section listing of Hamfest events.

Training Class Schedule



G. Michael, KE8HGE

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

Study Session Schedule, 2024

◆ 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.

"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

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.

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

MVARC

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Web Page

MVARC.net

Facebook Page

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

MVARC Email

admin@mvarc.net

Swap and Shop

Contact: Stephen, N8RLW

Yaesu FT-60 handheld for sale Includes the following.

FT-60 2m/440 analog handheld with original box.

Desktop Rapid Charger

7.2V 1400 mAh Ni-MH Battery Pack for FT-60R spare battery.

Everything works advertised and the radio put out the rated 5 watts on high power.

If bought new through HRO before tax and shipping would be: 246.00 I am asking: 175.00

Contact: Barry, N8PPF

Equipment being for sold for family of Jeff Butz sk.N8SMT

ICOM IC-718 HF Base Station	\$450
Alinco DX-70 100W HF and 6M	\$350
Alinco DR-M06 6M FM	\$80
AlincoDR-599T VHV / UHF	\$90
Realistic HTX-202 and HTX-404 handheld, with extra parts	\$50
Yaesu Vernex VX-150 handheld. Seems new	\$65
Rimsey PA-10 2-meter amp	\$30
Radio Shack PRO-2030 80 channel Scanner	\$30
Acopian SP17 Power Supply, 42A output, Commercial Use, wheels included.	\$150
Astron RS-20APower Supply, 20-amp output	\$60
Daiwa CN101L SWR and Power meter	\$80
DC meter with twin meters	\$30
Miconata 21-520A Power and SWR meter	\$20
Realistic 33-1062 electric microphone, uses one AA battery, has a heavy stand	\$30
HealthKit HD-1410 electronic keyer	\$30
Brass EFJohnson 590 Key	\$20
TP-60 Uniden Racing headphone—New	\$30
Four auto antennas	\$10 each
Used G5RV antenna	\$10
Clear plastic box with many useful item	\$30
Clear box with assorted useful pieces	\$30
Box of computer and TV connectors	\$20
Collection of new audio wires and used TV and computer wires	\$30
Box of useful and unknown things	\$20
Vectronics PM-30 cross meters SWR and Power	\$60
MFJ 812B VHF 144-220 Meter	\$40
Simpsons Microamperes meter	\$10
Two 10-meter antennas 8 feet, \$10 each or get two antennas with a connector to horizon dipole	\$30
Cushcraft A35 beam antenna, 20/15/10 HF. Has been stored outside looks good, Make Offer. Drive your truck. I will go with you.	
4 or 5 TV towers. Most are in good condition, one is rusty. Make offer. Drive your truck. I will go with you..	
Equipment is located at the MVARC club house. Pieces will be on view and ready to sell at the November 11 meeting. The Cushcraft antenna and TV towers are a few miles way. The Acopian power supply is heavy and in my car.	
For more info contact Barry: N8PPF@yahoo.com .	