

Mount Vernon Amateur Radio Club

June 2024

2024 Edition 6



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MVARC Repeaters

K8EEN
146.790 MHz
- 600KHz / PL = 71.9 Hz

K8EEN-R Echolink Node:
809800

K8EEN
444.600 MHz **OFFLINE**
+5 MHz / PL = 71.9 Hz

President's View

Frank Counts, KC8EVS



It's June and I am getting psyched up for Field Day. Monday, June 10th, we will be meeting out at the site in Apple Valley; Flo-

ral Valley Community Center, 850 Crestrose Dr., Howard OH 43028. I hope to see you there. For those who have never been there the actual site is behind the community center up a short gravel road. This will be our monthly meeting I will keep it short as I know that it is a bit of a drive. This will give us an opportunity to see the changes to the location prior to Field Day.

Speaking of events, I just attended Hamvention. I had a great time and enjoyed seeing all the vendors and meeting up with a lot of friends that I've made over the years. It rained a little the morning of the first day, but the weather was great after that. Oh, I also attended FDIM (Four Days In May) this symposium is put on by the QRP Amateur Radio Club International. They meet the day before Hamvention, and they have an all-day symposium and later a vendor night. Then Friday night a buildathon followed by a dinner on Saturday night. I only attended the Symposium on Thursday and enjoyed it. There were a lot of hams there that I have only talked to via radio, and this was the first time to meet them face to face (eyeball QSO). A lot if not all are POTA and/or SOTA operators.

Hope to see you at the Field Day site.

73!

Meeting Notice

June Meeting— June 10th at 7:00 pm. We are meeting at the Field Day location in Apple Valley. Map on Page 5.

ARRL Systems Service Disruption

The ARRL is providing updates about the status of several services as they continue to respond to a serious incident involving access to their network and systems.

The ARRL Volunteer Examiner Coordinator (ARRL VEC) has resumed processing of Amateur Radio License applications with the FCC. W1AW, the Hiram Percy Maxim Memorial Station, has resumed all scheduled transmissions, including Morse code practice, and code and digital bulletins.

Read more and follow updates on [ARRL News](#).

**Having kids
makes you realise
how dumb your
lies used to sound
to your parents.**

**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 Stroud, KD8WHQ



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

Nineteen (19) members attended the meeting.

Meeting Minutes

The minutes for last month were presented. There were no changes. The minutes were accepted as read.

Treasurers Report

Terry, KI8N provided an account of the current balance of all bank accounts and expenditures through May 2024. Terry stated that the club insurance and equipment insurance would be due in May. There were no additions or corrections, and the report was approved as presented.

Committee Reports

ARES

The club was not needed for the Eclipse. The EMA has not updated when they will have a tabletop exercise.

We received an email from Lisa Sabo, who is the Education and Outreach Coordinator for the Knox County Board of Elections. She was asking if there was a possibility of us to man the polling locations and relay information to the board office on election day. I will contact her to get more information.

Reminder: The ARRL put a new hours tracking program in to service. We need to report all time that we do anything Ham Radio related other than making contacts. Examples meeting, Friday breakfast, training, working on club radios/antennas/repeaters, field day, POTA.

Repeaters

Roger, KE8ICI reported that the Yaesu repeater is back from repair and does not work. He's working on the 440 repeater. The repeater that was placed in service for the 2 meter (146.790 MHz) is a Kenwood that belongs to Steven Harvey. It is working fine.

A suggestion was made that stated it we are not going to use the Wires-X box (HRI-200) to sell it.

MESH / EchoLink

Don, W8PEN reported that is running fine except the hospital node is offline.

EchoLink had a problem with the internet at Don's house, he got a new router that fixed the issue.

Don is looking at retiring the Mesh system at the end of the year if it is not being used.

Old Business

NVIS Day was on April 27 – We had two stations, Thayer Ridge Park and Wolfe Run Regional Park. Not a lot of contacts for NVIS but several POTA contacts.

Black Fork Gravel Grinder was held on May 4 there were no issues. There were around 850 riders.

New Business

Looking at setting up a tent for First Friday, possibly in August. The cost would be \$25.

Show and Tell

Barry Butz gave a demo of N8FJP logging software that is used for Field Day.

The 50/50 raffle was won by Don Bunner – KB8QPO.

A motion to adjourn the meeting was made at 8:00 pm with no dissenting votes.



“Speaking of events, I just attended Hamvention. I had a great time and enjoyed seeing all the vendors and meeting up with a lot of friends that I’ve made over the years.” Frank, KC8EVS

Coming Events

- * Field Day – June 22–23 — [ARRL Field Day](#) — Apple Valley — Behind Floral Valley Community Center
- * Ohio State Parks On the Air – Sept. 7 - 10 am–6 pm — [OSPOTA](#)

Personnel present at the 5/13/2024 meeting		
Michael Jacobs, KE8HGE	Bill Bullock, KE8ZIG	Darlene, Pudlinski, WS8W
Bill Stroud, KD8WHQ	Don Bunner, KB8QPO	Ralph Bower, KC8REB
Don Russell, W8PEN	Barry Butz, N8PPF	Kevin Adams, KD8NGV
Frank Counts, KC8EVS	Roger Gorrell, KE8ICI	Larry Howell, AC8YE
Sean Lehman, KE8YUS	Terry Windsor, KI8N	Steven Harvey, N8RLW
Wayne Bower, WB8WB	Brian King, KE8RGY **	Evan Koonz, KF8APC **
Tyler Sheets, KF8AVA **		

**** New MVARC Members**



“Did you see the Lewis and Clark Trail special event information on page 10? I stumbled across this and thought it would be fun to try and get as many of the participating states as possible.” Terry, KI8N

Contact Us

MVARC

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

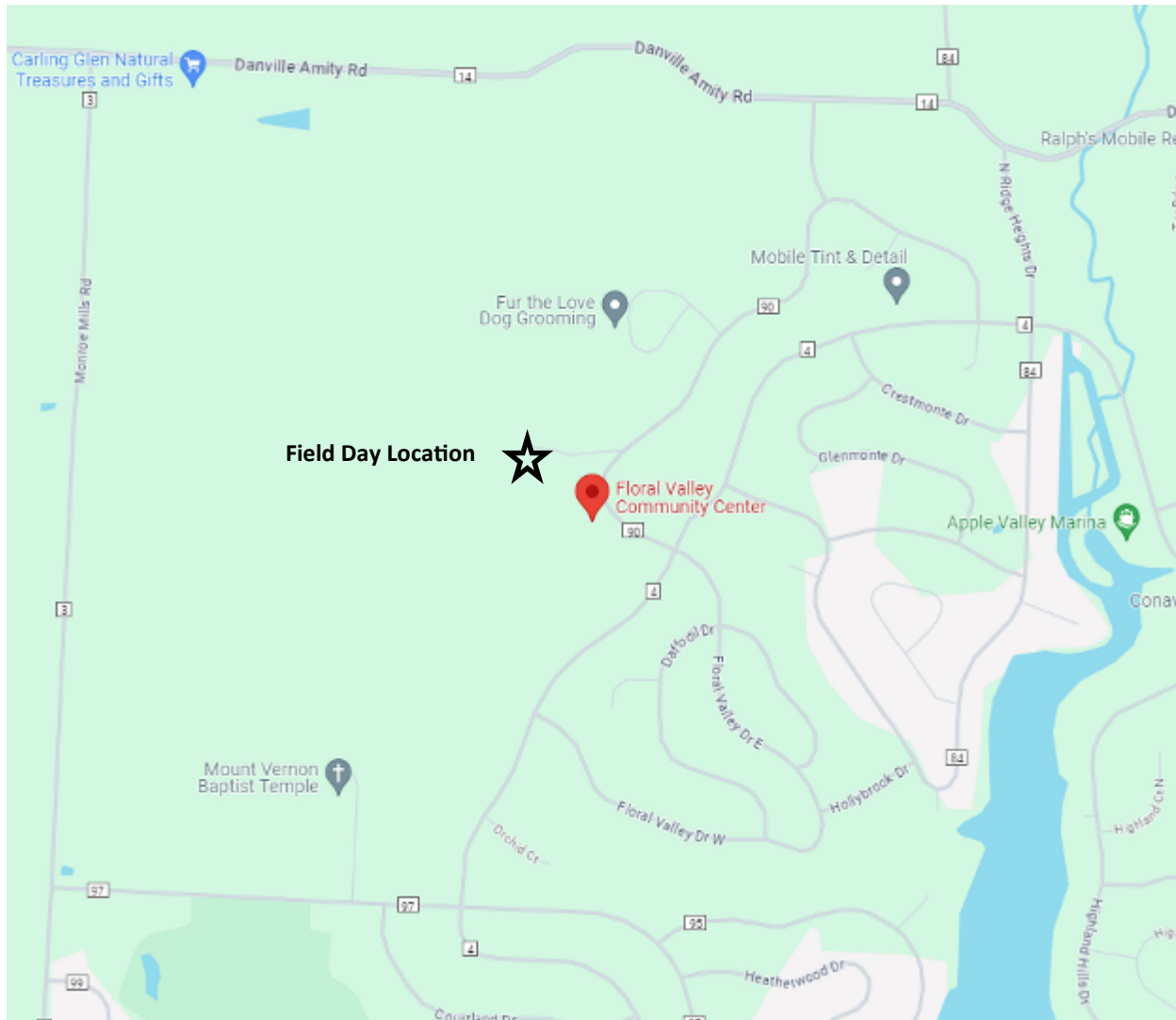
Email

admin@mvarc.net

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 Field Day



850 Crestrose Dr. Howard, OH 43028

Location set up begins Friday at 2:00 pm.

Field Day operation begins at 1800 UTC (2:00 pm) Saturday and ends at 2059 UTC Sunday. We typically break down after Noon on Sunday.

All members with guests, friends, and / or family are invited to attend and participate. Get on HF with either a digital, SSB, or CW station.

Saturday evening will be a pizza party for those in attendance.

“Our June meeting will be held at the Field Day site, so a decision on where to place the canopy will be made then.” Don, W8PEN

ARRL Field Day



2024 ARRL Field Day is June 22 – 23.

ARRL Field Day is the single most popular on-the-air event held annually in the US and Canada. On the fourth weekend of June of each year, thousands of radio amateurs gather with their clubs, groups or simply with friends to operate from remote locations.

Field Day is a picnic, a campout, practice for emergencies, an informal contest and, most of all, FUN! It is a time where many aspects of Amateur Radio come together to highlight our many roles. While some will treat it as a contest, other groups use the opportunity to practice their emergency response capabilities. It is an excellent opportunity to demonstrate Amateur Radio to the organizations that Amateur Radio might serve in an emergency, as well as the public.

For many clubs, ARRL Field Day is one of the highlights of their annual calendar. The contest part is simply to contact as many other stations as possible and to learn to operate our radio gear in abnormal situations and less than optimal conditions. We use these same skills when we help with events such as marathons and bike-a-thons; fund-raisers such as walkathons; celebrations such as parades; and exhibits at fairs, malls and museums — these are all large, preplanned, non-emergency activities.

The ARRL Foundation announces the return of the Club Grant Program for 2024

The program is an opportunity for clubs to apply for grants up to \$25,000 to fund projects in their community. Emphasis is given to projects that are of a “transformational” nature, such as a club that has a plan to improve the community through education, recruiting, training, and promotion of amateur radio.

The application period will open at 9:00 AM Eastern time on June 3 and close at 4:00 PM Eastern time on July 26. Clubs across the country are urged to apply.

This program is not restricted to ARRL Affiliated Clubs or 501(c)(3) clubs. Those clubs that are awarded grants will be required to share updates and participate in social media and reporting with ARRL.

Information about the Club Grant Program can be found at www.arrl.org/club-grant-program. The ARRL Club Grant Program is made possible through generous funding by Amateur Radio Digital Communications (ARDC).

MVARC New Members

Please welcome and encourage the following three new club members:

Brian King, KE8RGY—Tech

Evan Koontz, KF8APC—Tech

Tyler Sheets, KF8AVA—Tech





June 2024



Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2 9:00 pm ARES Sunday Night Net—Don (W8PEN)	3	4	5 4:45 pm Dinner	6 D-Day	7 9:00 am— Breakfast Foundation Park	8
9 9:00 pm ARES Sunday Night Net	10 7:00 pm MVARC Meeting	11	12 4:45 pm Dinner 6:30 pm Ama- teur Radio Li- cense Testing Session	13	14 Flag Day 9:00 am— Breakfast Foundation Park	15
16 Fathers Day 9:00 pm ARES Sunday Night Net— Michael (KE8HGE)	17	18	19 4:45 pm Dinner	20 First Day of Summer	21 9:00 am— Breakfast Foundation Park 2:00 pm—Field Day Set up	22 FIELD DAY
23 FIELD DAY 9:00 pm ARES Sunday Night Net	24	25	26 4:45 pm Dinner	27	28 9:00 am— Breakfast Foundation Park	
30 9:00 pm ARES Sunday Night Net						

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

Radio Activity

Don Russell, W8PEN



Don't look now, but Field Day 2024 is upon us this month. This year's Field Day is scheduled for Saturday, June 22nd starting at 1800 UTC (2:00PM EDT) and ends 24 hours later Sunday, June 23 at 1800 UTC (2:00PM EDT). The Mt. Vernon

ARC will once again operate from the Floral Valley Community Center, 850 Crestrose Drive, Howard, Ohio (Apple Valley).

Antenna and equipment setup will begin on Friday June 21 starting at 1800 UTC (2:00PM local).

Apple Valley has constructed a Pickle Ball Court in the area where our main canopy is usually placed. Our June meeting will be held at the Field Day site, so a decision on where to place the canopy will be made then.

Antenna and station placement will be different this year. So, this will need to be discussed during the June meeting also. I don't think it will be too bad. We just need enough separation between stations to keep interference to a minimum.

I am also planning on using Ethernet connections for at least a few of our stations. The last two years we have had some issues with logging over Wi-Fi. I hope to at the very least minimize network issues by switching to ethernet cable where possible.

Looks like we have a few issues to work on this year for Field Day.

To make things more challenging, there is a possibility that I will not be available Field Day due to some health issues that will require surgery. In short, I may need my Aorta Heart Valve replaced.

There are a couple of possibilities here. The surgery will be done before Field Day with enough time for recovery (about five days). I may have to rely on the younger members to do the work setting up antennas Friday but will be able to supervise the operation.

Luckily, we have enough club members with Field Day experience which minimizes my role during antenna setup. Roger, KE8ICI, is very capable of setting up the antennas with a few helpers. He also has his own version of the fishing pole launcher.

Steven, N8RLW, does computer networking as a living. Steve would have no issues getting the N3FJP Field Day logging software to talk to each other.

The other possibility is that surgery will not take place until After Field Day. In which case I will have to take it easy but should be able to supervise antenna set up as I normally do.

Of course, the worst scenario would be to have the surgery before Field Day with no time for recovery. In this case, I won't be available to help set up, although I might be able to come out and operate. I am sure Darlene will not let me push it.

On a personal note, this health issue has already caused me to miss my annual fishing trip to Michigan. Depending on how things go, I may have to cancel my annual New York fishing trip in July. Double Bummer and enough said on that.

With all this said, I truly expect to be there for Field Day and not miss the fishing trip.

So, let's get on to it!

We will again be running 4 stations. I would like to switch up station managers though.

20 Meter SSB

This year, I would like Roger, KE8ICI, to take over as station manager of the 20 Meter SSB station. In effect, Roger will simply switch with Barry, N8PPF. I think Barry does better on 40 meters, so this would be a switch for the positive. Roger will be responsible for the antenna he wishes to use. I also have the 20-meter Extended Double Zep antenna that I would like Roger to try. The goal will be for this station to be capable of at least 40 meters through 10 meters. Roger has his own radio he likes to use, so that completes the setup.

40 Meter SSB

Barry, N8PPF, will be station manager of the 40-meter SSB station. Barry will be responsible for his own antenna, which should be one or more antennas so that the station can operate 80 meters through 10 meters. This station should be a hot station on 40 meters during the day and early evening hours, then switch to 80 meters sometime in the evening. Barry likes to use his Icom 7300.



The above is not set in stone. Each station will be capable of operating all bands. As long as the operators get together so that they are not on the same band at the same time. The N3FJP logging software really helps keep an eye on this, but it is still good to double check with everyone.

80 - 10 Meter CW

I will be station manager of the CW station. Currently I am planning to use the club's IC-7300, an Off-Center Fed antenna, and a 20-meter Extended Double Zep Antenna (a duplicate on the one the 20 Meter SSB station will be using).

80 - 10 Digital

Not too sure here. Either Terry, KI8N, or Scott W8HK will man this station. Equipment and antenna to be determined.

GOTA

Possibly we will set up a GOTA station that newly licensed hams can get some experience on. If so, we will use the clubs Kenwood TS-570D.



The GOTA station uses a separate call than the Field Day stations and is only to be used by hams licensed since last year's field Day, generally inactive hams, or even interested individuals under the direction of a control operator. If you are active on HF or used the GOTA station in previous years, you are not eligible to operate the GOTA station this year. We have had quite a few new hams in the past year. They would be eligible to operate the GOTA station unless they have been contesting on their own since becoming hams.

These are very loose guidelines for our Field Day operation. My apologies. I have not given Field Day much thought this year. Mostly due to health issues mentioned earlier.

The group has done enough Field Day operations that we pretty much know what needs done, so I am not too worried about it.

As usual, those that wish to bring a tent or camper are invited to stay overnight on Friday.

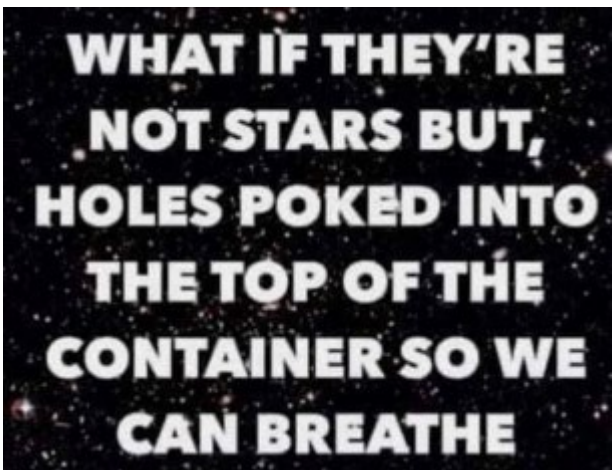
One last thing of note. Last year for the club picnic the group ordered pizza from the local Domino's Pizza place. Members at the May meeting voted (or agreed) that this was the best way to handle the club picnic so we will do it again. I am hoping to get Steven, N8RLW, to handle this again.



Members should bring their own beverage or water. The club will supply coffee.

I will try to have another Friday night fish fry for those helping to set up antennas. Due to my circumstances, I can't guarantee that it will happen.

That's it for this month. Hope to see you all at the Field Day site, Monday June 10th at 7:00 PM.



Lewis and Clark Trail on the Air, June 1 — 16, 2024

The Lewis and Clark Trail on the Air special event is an on-air activity that commemorates the historic Lewis and Clark Trail. The trail covers 4900 miles through 16 states. This includes the disembarkation from Camp Dubois and what is referred to as the [Eastern Legacy](#). The event is sponsored by the [Clark County Amateur Radio Club](#) with support and participation from clubs in all 16 states along the historic trail.

Date: June 1st, 2024, to June 16th, 2024 (May 31st, 5pm Pacific - June 15th, 5pm Pacific)

Time Start: 0000 UTC

Time Ends: 2400 UTC

Operating Hours: 24 hrs./day for duration of the event

Simple Rules: Contact one club in each of the 16 states on the historic Lewis and Clark Trail. Operating modes include SSB Phone, FM Phone, CW, and FT8/FT4. Any combination of modes towards working all 16 states is allowed. A schedule for planned operations for each state will be posted on this web site.

Certificate: Certificates can be requested for two classes of participation:

Expedition Partner Certificate: Any station working all 16 states is eligible for the Expedition Partner Certificate.

[Example](#)

Trail Companion Certificate: Any station working 1-15 states is eligible for a Trail Companion Certificate. [Example](#)

Participants contacting activating stations from one or more states will be able to purchase a certificate after the event. Certificates can be delivered either as an emailed PDF or printed on high-quality paper and shipped. If you purchase a paper certificate, we will also send you the PDF version. Certificates will be available for purchase through July 31, 2024, via the [Certificates page](#). PDF's will be emailed starting July 31st. Printed certificates will be mailed on September 19th.

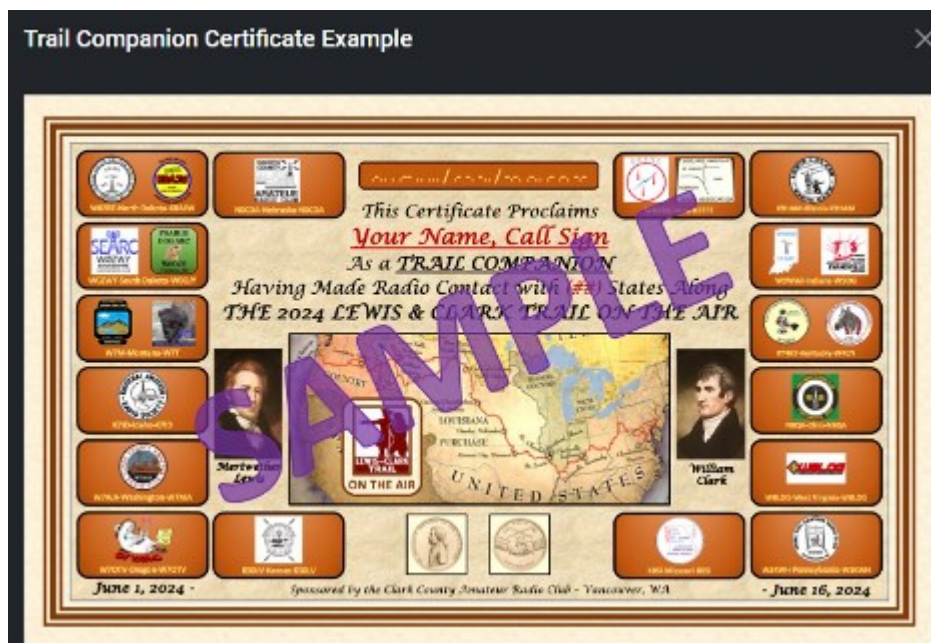
On the Air Exchange: The on-air exchange will include call sign and state for CW and Phone. FT8/FT4 will be the standard exchange: call-sign, signal report, and grid square.

Logs: Only the activating stations in each of the 16 states along the trail will submit logs. Logs are not required from hunting stations. However, it is courteous to submit your personal log to Logbook of the World or other logging entity. Please submit your request for a certificate by July 31st of the activation year.

History: 2022 was the inaugural event for this activity.

Information: For more information, please send us a message a info@lctota.org.

For more information and a listing of participating clubs: lctota.org



Miscellaneous Rambling

Terry Windsor, KI8N



Last month I stated a timeline for getting my tower and antennas back into the air. This month I must report that I haven't made much progress. I went to St. Marys, OH to purchase a new rotator shelf for the tower from the manufacturer. Amazingly DX Engineering

has them on their web page but states it wouldn't ship until July. A 1.5-hour drive each way and I had the shelf the same day. I typically like going to Grand Lake St. Marys but on this day, it was very windy, and rained the entire trip. Not able to see much of the lake.

Next was a trip to DX Engineering to purchase aluminum antenna tubing to repair the X-7 which was damaged during lowering the tower assembly. Once home the new tubing was put into place and the antenna is repaired but waiting for me to get busy. Has anybody ever looked at the price of shipping 6-foot sections of aluminum tubing? It must ship as freight and the cost is exorbitant. Much more expedient to drive up and get it.



I have also been replacing some of the coax from the antennas to the remote switch at the base of the tower. Then I touched up the paint to cover some of the areas where rust was starting to show on the tower. I have the 6-meter beam mounted on the mast and will

get the X-7 put into place soon (?). Then it is just a matter of winching the tower upright and verifying everything is operational. Maybe by mid-July.

[CW class](#) has been going well and letter and number sounds are coming back. We finished class #9 as I was thinking of this article. This time the class is quite different than the last time I took it. We are learning the characters being sent at 25 words per minute but are only required to send at whatever speed you are comfortable. The intent is to work on character recognition with the goal being instant character recognition (ICR). I have made a couple of POTA CW contacts with good signal and readability reports from my fist.

If anyone is interested we are using [CW Academy Morse Code Trainer](#) which is a web based application anyone can access and [Learn CW Online](#). Both applications can be configured as you want; speed, characters, and work for sending.



Speaking of POTA I did get out a couple of times to activate Mount Gilead State Park. I finally used the Wolf River Coil I purchased earlier this year with the Icom 706 MKII. I am amazed at how well it worked both on SSB and FT8 and FT4 digital modes. I chose Mount Gilead State Park even though I had both my kilo and repeat activator Oasis awards complete since it is close to home and it doesn't wear me out getting back and forth. I am limited in stamina and get tired easily. My next activation I plan to use the WRC with an Elecraft KX3 to play POTA with 10 watts. Previously I used the KX3 with either the Elecraft AX1 or Hustler Resonator antennas so curious how well I will get out with the WRC.

Did you see the Lewis and Clark Trail special event information on page 10? I stumbled across this and thought it would be fun to try and get as many of the participating states as possible. So far, I have four states worked and really haven't put a lot of time/effort into this event yet. I would like to get as many as I can, but I haven't been working on the radio much lately. Maybe you will have better luck and get all 16 states. Look for them calling LCT special event.

I have come to realize that Field Day is probably going to be a no-event for me. First, I don't have the energy/stamina to work much and second, this is scheduled when my granddaughter will be here attending Vacation Bible School at our church. I haven't seen her in over a year and want to spend as much time with her as I can before she goes home. She is six years old and lives in Memphis and we just do not get to see her that much so have to take advantage of the time she is here. One last thing about Field Day is do not forget to download the latest [N3FJP Field Day](#) software package. I see version 6.6.8 is available.

Lastly, my cancer treatments continue. I started daily radiation treatment and have completed 7 of 20 planned treatments. I make the drive every weekday morning to OSU's James Hospital for a 20-minute dose of directed radiation. This activity typically leaves me fatigued so this is why I haven't completed anything on my list of projects yet! Fastly coming up on a year since diagnosis (last August) and treatments. I complete radiation this month then have a 3-month wait for the next PET Scan to see if everything worked.

Now back to your regularly scheduled day, my working on some of the easier projects I have on my list, and hoping everyone has a great Field Day experience.

"Be safe and Ham it UP"!

New Contact System for NWS Cleveland Skywarn Spotters

Hello Skywarn Spotters,

We will be using a new contact management system that will allow us to easily manage your contact information. Because of this, we will need you to **fill out [this form to remain a Skywarn Spotter](#)**. In the future, you will be able to use this same form to update your information, so feel free to bookmark it.

In addition, we will also be using a verification tool that allows us to easily email Skywarn spotters for specific areas where we think severe weather could have occurred (large hail, damaging winds, tornadoes, flash

flooding, etc.) based on radar observations available to us. If you get an email from us, here's what you can do if you have severe weather to report:

- ◇ Reply or send an email to stormcle@noaa.gov
- ◇ [Use the form on this page to submit a spotter report](#)
- ◇ Call our office and talk to a forecaster directly to relay your report to us. The spotter phone number for NWS Cleveland is: 216-416-2905.

Remember to provide timing and location details (to the best of your ability) and if you need a refresher on reporting weather information, you can visit this link: https://www.weather.gov/cle/submit_spotter_report

Thank you so much for being a Skywarn Spotter! You provide a critical role in observing what is happening at your location and informing us of that ground truth. That information is a critical part of saving lives and property and helps us produce better warnings for the present and the future!

If you have any questions about any of the information provided in this email, please let me know.

Patrick Saunders

Lead Meteorologist

Severe Weather, Radar, and Air Quality Program Lead
National Weather Service Cleveland, OH



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



Final Takeaway

Has anyone else watched this video from Hamvention that talks about how to improve ham club interactions? [Tips for Successful Radio Clubs.](#)

The presentation at Hamvention was by Mike Walters, W8ZY; ARRL Field Services Manager. If not you really should take 33 minutes to hear his comments on clubs.

I noted several things that he states are causing clubs to lose members; stale/boring meetings, lack of activities, bad attitudes, ignoring new members, it isn't fun, or the same members do everything.

If you have taken the few minutes to watch the video Mike gives several activities that could be performed at meetings. Here are a few, do you see anything that YOU especially would like to learn about, attempt, or be shown?

- ⇒ VHF/UHF and HF radio familiarization
 - * Band and frequency assignments
 - * Single Side Band (SSB)
 - * FM operation on the Repeater and Simplex operation
 - ◆ Programming your HT or mobile radio
 - ◆ Satellite contacts
 - * EchoLink operation
 - * CW (Morse Code)
 - * Digital modes
- ⇒ Show and tell about your mobile installation
- ⇒ Operate the club station
- ⇒ Contesting information
- ⇒ Chasing DX contacts
- ⇒ Emergency Operation (EMCOMM)
 - * Ohio Single Side-Band Net
 - * Ohio Digital Emergency Net (OHDEN)
 - * ARES
 - ◆ FEMA Training Certifications
 - IS-100, IS-200, IS-700 and IS-800
 - ◆ ICS Forms—ICS-213
 - ◆ ARRL Radiogram
- ⇒ Digital Set-up and operation
 - * PSK
 - * RTTY
 - * FT8 / FT4 using WSJT-X or JTDX and JT Alert or GridTracker
 - ◆ Fox/Hound
 - * WSPR
- ⇒ FLDIGI Software
- ⇒ Ham Radio Deluxe (HRD)
- ⇒ Logging software
- ⇒ POTA Operation—2 meter and 10 meter for Technicians
- ⇒ MESH Network
- ⇒ Antenna Builds
 - * End Fed
 - * Dipole
 - * Ladder Line
- ⇒ License up-grade classes



If any of this catches your attention and [you would like to know more](#) either ask a current club member, email admin@mvarc.net or speak up at a club meeting and make your desires known. Some of us would be happy and willing to demonstrate and encourage all of the above.

Ohio ARRL Sanctioned Hamfests

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

07/06/2024

[Mansfield Mid Summer Trunkfest](#)

Location: Mansfield, OH

Sponsor: Intercity Amateur Radio Club

Website: <https://iarc.club/>



07/20/2024

[Ashtabula County Hamfest 2024](#)

Location: Pierpoint, OH

Sponsor: Amigos Radio Club Ashtabula

Website: <https://sites.google.com/view/arca-home/>

07/20/2024

[NOARSFEST](#)

Location: Elyria, OH

Sponsor: Northern Ohio Amateur Radio Society

Website: <https://www.noars.net/>



07/21/2024

[Van Wert Hamfest](#)

Location: Van Wert, OH

Sponsor: Van Wert Amateur Radio Club

Website: <https://w8fy.org/>

08/03/2024

[2024 Columbus Hamfest](#)

Location: Grove City, OH

Sponsor: Aladdin Shrine Audio Unit

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

08/10/2024

[Cincinnati Hamfest](#)

Location: Owensville, OH

Sponsor: Milford ARC

Website: <https://cincinnatihamfest.org/>



08/18/2024

[Warren Hamfest](#)

Location: Cortland, OH

Sponsor: Warren Amateur Radio Association

Website: <https://w8vtd.com/>

General Exam Sample Test Questions

G9C01 Which of the following would increase the bandwidth of a Yagi antenna?

- A. Larger-diameter elements
- B. Loading coils in series with the element
- C. Closer element spacing
- D. Tapered-diameter elements

G9C03 How do the lengths of a three-element Yagi reflector and director compare to that of the driven element?

- A. The reflector is shorter, and the director is longer
- B. The reflector is longer, and the director is shorter
- C. They are all the same length
- D. Relative length depends on the frequency of operation

Extra Class Exam Sample Test Questions

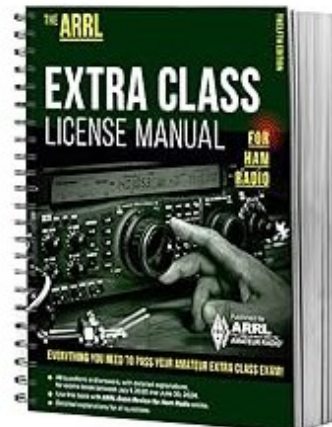
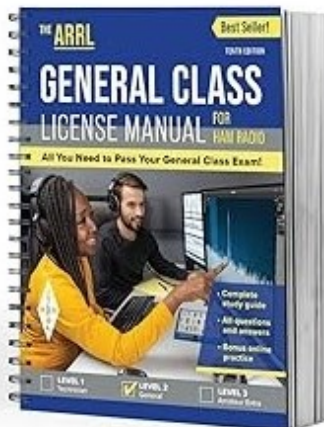
E9D05 What usually occurs if a Yagi antenna is designed solely for maximum forward gain?

- A. The front-to-back ratio decreases
- B. The SWR is reduced
- C. The front-to-back ratio increases
- D. The frequency response is widened over the whole frequency band

E9D11 Which of the following conductors would be best for minimizing losses in a station's ground system?

- A. Stranded wire
- B. Solid wire
- C. Wide flat copper strip
- D. Resistive wire, such as spark plug wire

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/>. The ARRL license manuals shown are available from the [ARRL](#) or Amazon.



Editors Notes

The MVARC Newsletter is delivered to club members via email containing a link to the MVARC webpage, 2024 Newsletters button. We could really use your input - help eliminate missing articles on club events!



Thanks to all for your assistance with the MVARC Newsletter; in 2023 we were selected as fourth best newsletter in the Ohio Section.

Contact email for the MVARC newsletter is: admin@mvarc.net.

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

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Practice Amateur Radio Exam Question Answers

G9C01—A

G9C03—B

E9D05—A

E9D11—C

