

*Ohio
Section
Journal*

June 2023

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Field Day 2023 at Medina County ARC

From the Technical Coordinator
Jeff Kopcak – K8JTK TC
K8JTK@arrl.net

Hey gang,

As Technical Coordinator for the Ohio Section, I oversee the section's Technical Specialists. We are here to promote technical advances and the experimentation side of the hobby by encouraging amateurs in the section to share their technical achievements in QST, at club meetings, in club newsletters, and at hamfests and conventions. We're available to assist program committees in finding or providing suitable programs for local club meetings,



ARRL hamfests, and conventions within the section. When called upon, serve as advisors for RFI issues and work with ARRL officials and other appointees for technical advice.

Technical Specialists are a cadre of qualified and competent individuals here for the “advancement of the radio art,” a profound obligation incurred under the rules of the FCC. TS’s support myself and the section in two main areas of responsibility: Radio Frequency Interference (RFI) and technical information. They can specialize in one or more areas or be generalists with knowledge in many areas. Responsibilities range from serving as consultants or advisors to local hams or speaking at local club meetings on popular topics. In the Ohio Section, there are 14 qualified specialists.

RFI/EMI (electromagnetic interference) includes harmful interference that seriously degrades, obstructs, or repeatedly interrupts a radio communication service such as ham radio or public service agencies. RFI sources range from bad power insulators, industrial control systems, nearby transmitters or poorly made transmitters, personal devices like computers, monitors, printers, game consoles - to grow lights, failing or poorly made transformers, and those devices hams brag about getting for cheap from China. Our Technical Specialists would offer advice to help track down interference or locate bozo stations when called upon. Technical information is wide-ranging, everything from antennas to Zumspots.

How can we help? The knowledge and abilities of YOUR Technical Specialists are really quite impressive:

- Amplifiers
- Antennas (fixed, portable, emergency operation)

- Antenna systems such as towers, guying, coax/feedlines, and baluns
- Boat anchors (tube technology)
- Computer systems – Windows, Linux, Raspberry Pi
- Digital voice and data modes - including D-STAR, DMR, Fusion, NXDN, P25, APRS, IGates, packet, TNCs, MT63, FT8/4, Olivia, PSK, etc.
- Direction finding
- Electronics and circuits, including teachers whom have taught electronics classes
- Former repair technicians
- Home brew
- Internet linking (Voice over IP, aka VoIP) – Echolink, AllStar/HamVoIP, DVSwitch, PBX/Asterisk
- Mobile installations – HF, VHF/UHF, antennas
- Narrow Band Emergency Messaging System (NBEMS) – Fldigi and Flmsg
- Networking – AMPRNet, routers, port forwarding, ISPs, firewalls, mesh, microwave
- Power supplies
- Propagation
- Repeaters, controllers, and high-profile systems
- RFI caused by power lines and consumer appliances
- RF safety
- SHARES stations (SHARed RESources - Department of Homeland Security HF radio program)
- Software Defined Radios (SDR)
- Tower safety
- Professional certifications such as Motorola Certified Technicians, Master Electrician, Certified Journeyman Electronics Technician, General Radiotelephone Operator License (GROL), ETA certifications, and Society of Broadcast Engineers (SBE) certifications and affiliations. Marine Radio Operator Permit holders.

This impressive list of qualifications are available resources to all in the Ohio Section. Looking for guidance in one of these areas? Need a program for your club meeting? How about a technical talk or forum at a hamfest? Assistance or direction on a project? My contact info is near my picture and on the arrl-ohio.org website. I'll assist getting you in touch with an appropriate Technical Specialist.



Steve – K8BBK and myself after receiving recognition for work on the club website in 2007. Picture by N8ETP.

With July around the corner, my favorite event, [13 Colonies Special Event](#) will be on the air July 1st (9 am) – July 7th (midnight). There are 13 special event stations, one for each of the original 13 colonies. Three bonus stations include GB13COL (Great Britain), WM3PEN (Philadelphia), and TM13COL (French). A station does not need to work all 13 colonies to receive a certificate. The three bonus stations do not need to be contacted for a clean sweep. Good luck!

Earlier this month, I was recognized by the Virginia Emcomm group for participating in [Winlink Wednesday for 100 weeks](#) and received a nice certificate to commemorate the occasion. Ohio has 5 stations, as of this writing and by my count, in the WW Century Club. The original NCS, KW6GB, informed me about the net when [I attended Winterfest in Annandale, VA](#) while on a business trip. The baton has since been passed on to KN4LQN. It is an interesting concept and a way to keep activity on Winlink. As a result of doing peer-to-peer (P2P) Winlink messages for this net, I found

I have a pretty good communication path into Virginia and the D.C. area. See [my write-up on Winlink nets](#).

It is with great sadness that I report two longtime members of the [Wood County Amateur Radio Club](#) became silent keys. Stephen “Steve” McEwen – K8BBK became an [SK on March 10, 2023](#). Steve was one of the leaders that revived the club in 2005 after the formation of a local ARES group. After one of the ARES meetings, Steve asked me if I had any ideas to make the club [WCARC] better. I was annoyed (still am) with outdated club websites. At that time, the club’s website was just that. An example, the repeater system PL had changed some years earlier but the website still listed the old one. Soon after that conversation, I’ve been maintaining



Myself and Bill – WD8JWJ with my nomination of Life Membership in the Wood County Amateur Radio Club in 2012. Picture by N8ETP.

the club's website though I've returned back to the Cleveland area. Steve also got me to give my first ever club presentation on the topic of Echolink.

Steve was always engineering something. He worked as a Chief Engineer and later CEO for Henry Filters, a local industrial coolant filtration company, until he retired in 2001. Visiting his home, he practically had a full machine shop in his basement. His house had systems he engineered including a radiant floor heating system.

William "Bill" Wilkins – WD8JWJ became an SK a little over a month later [on April 27, 2023](#). I can't say exactly when I met Bill for the first time, it was probably at one of the breakfast meetings. Between cracking jokes and giving insightful advice, he was a person anyone could talk to. He had stories from co-owning a local video rental business for nearly 30 years, known for its selection of nearly 30,000 titles. I remember when he announced they were closing the business at one of those breakfast meetings. It would be the end of an era for a long-time local business.

When I returned back home after attending BGSU, I would regularly make it out for their breakfast meetings and, on occasion a presentation. Giving a presentation at one such meeting in 2012, Bill recognized me for service to the club with a nomination of Life Membership in the Wood County Amateur Radio Club. I'm eternally grateful to be honored with a Life Membership in an amazing club by such a respected member of the club.

Enjoy the hamfest in the sky, guys. Goodbye and 73, Steve and Bill.

Thanks for reading and 73... de Jeff – K8JTK

From the Section Emergency Coordinator

Bret Stemen – KD8SCL EC

KD8SCL@gmail.com

Field Day 2023

WOW! What day it was for me, I had the chance to get out and visit several locations and had a blast visiting with everyone that I knew and meeting those of you that I did not know at first and it was great to have met you all and have a chance to talk with you. While I was visiting one of the FD sites, Amanda Farone, KC3GFU the Ohio Section Affiliated Club Coordinator stopped by for a visit and I was great to have been able to have talked with her for a bit.



One of the first sites I visited was at the Franklin Co. EMA where I ran into Brad Howard KE8SVT and the rest of the team as they were just getting started, Brad was kind enough to give me a tour of the communications room where a couple of team members were installing ham radios into the console.



Left to right: Brad KE8SVT, Scott KE8PWR, Bret KD8SCL



One of the other sites I was able to visit was the ATARA team in Fairfield Co. and this is also one of the many sites that Amanda KC3GFU was able to visit. It was great to see everyone and have a chance to be given a tour of their STEM trailer thanks to Diane KE8HLD and Greg KD8SSJ.



Left to Right: Greg KD8SSJ, Amanda KC3GFU, Bret KD8SCL



The STEM trailer was built with a grant funded by the ARRL, this is an educational trailer to show the younger generation and non-hams some basic electronics and how ham radio works, they did an awesome job and work is progress to finalize the build.

Many thanks to the ATARA team for the invite and for the awesome potluck dinner. I was able to head out and visit the Fayette Co. FD site as well and had a chance to visit with Jim N8ORJ, it was great to

have met him face to face and spend some time with him. On the way back to my QTH, I was able to stop by a few other sites. I did receive several radio grams from FD sites, Thank you!!

As I said earlier, I had a great time and hope everyone else did also and the teams were able to rack up and break last years points.

The next event we need to plan for is the annual Simulated Emergency Test in October and it will be the first Saturday as it has been in the past and the event type will be up to the individual county.

Elizabeth Klinc, KE8FMJ
OHIO Section Public Information Coordinator
ke8fmj@gmail.com



Don't forget the 2023 Section newsletter contest. We love to see those newsletters and are looking for the best. I've started to get a couple directly from the clubs. Please add ke8fmj@gmail.com to your mailing list. You do not want to miss out on the contest, so please be sure to add me to your mailing list.

Hope to see you in Columbus when we announce the winners!

73,

Liz – KE8FMJ

*From the Ohio Section Youth Coordinator
Anthony Luscre, K8ZT - SYC k8zt@arrl.net*

Keeping Up With Amateur Radio News- including ARRL, DX, Contesting, EmComm & More



AR News

Many of you start your day with local, national & international news, whether it is... Your daily newspaper, TV news show, Broadcast radio, Online News website(s) or Social Media sites. Next, you might... Check on friends via social media sites like Facebook or Twitter, Check your email, or If you're a sports fan, you probably check on your favorite teams & players. I suggest, as an active Ham, you may want to add a dose of AmateurRadio to your daily news routine.

I have put together a lengthy slideshow presentation with dozens of links to help you keep up with AR news. You can view the presentation at tiny.cc/qst-arn and watch a video recording of me presenting it live at <https://youtu.be/iF59esKcfRs>. I know it may be a little long, but it can be the perfect vacation or beach read.

Keeping Up with Amateur Radio News & Events

Anthony Luscre, K8ZT

A composite illustration. The top part shows a cartoon person reading a newspaper titled "News", with a large red prohibition sign (a circle with a diagonal slash) overlaid on it. Below this is a colorful collage of icons representing various media and communication concepts: a smartphone, a laptop displaying "NEWS", a globe, a magnifying glass, a star, a speech bubble, a "Follow!" button, a "DAILY NEWS" icon, and a "BREAKING NEWS" icon. At the bottom of the collage is a group of diverse cartoon people standing together.

That's it for this month. I hope to hear you on the air or meet you at a local hamfest!

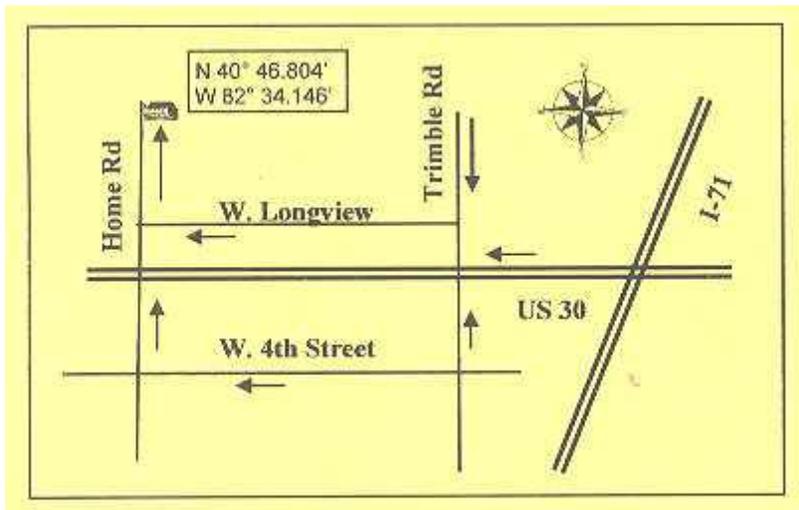
73,

Anthony, K8ZT (k8zt@arrl.net)

From the Section Traffic Manager
David Maynard, WA3EZN – STM
wa3ezn@att.net



The OSSBN will have a meeting at the InterCity ARC Mansfield Trunkfest on July 8 TH. The meeting will begin at 11 AM and will be held in the Sheriff's building. For updates or any changes keep checked into the net. The Trunkfest will be held at the Richland County Fairgrounds 750 N. Home Rd 8 AM to 3 PM. The entrance is on Home Road, see map below. Talk In is on 146.94 PL 71.9. I hope to see you all there.



If you have traffic you need to move take it to a VHF net or if it is going out of Ohio you can also take it to the OSSBN. Here is WHERE TO FIND AN HF OR VHF TRAFFIC NET IN OHIO. More information and useful links can be found on the OSSBN website www.ossbn.org.

OHIO SINGLE SIDEBAND NET

Morning session	10:30 AM	3972.5 KHz	every day
Afternoon session	4:15 PM	3972.5 KHz	every day
Evening session	6:45 PM	3972.5 KHz	every day

OHIO HF CW TRAFFIC NETS

HF CW NETS	NET TIMES	FREQUENCY	NET MANAGERS
Buckeye Early	6:45 PM	3.580	N2LC
Buckeye Late	10:00 PM	3.590	WB9LBI
Ohio Slow Net	6:00 PM	3.53535	N2LC

All CW net frequencies plus or minus QRM

OHIO LOCAL VHF TRAFFIC NETS

VHF NETS	NET TIMES	FREQUENCY	NET MANAGERS
BRTN	9:30 PM DAILY	145.230 PL 110.9	KD8GXL
COTN	7:15 PM DAILY	146.970 PL 123.0	KV8Z
NWOHARES	6:30 PM DAILY	147.375 PL 103.5	N8TNV
TCTTN	9 PM Sun, Tues, Fri	147.015 PL 110.9	WB8YYS
TATN	8:00 PM DAILY	146.670 PL 123.0	WG8Z

OHIO VHF TRAFFIC NETS

BRTN Burning River Traffic Net serving Cleveland and North Central Ohio

COTN Central Ohio Traffic Net serving Columbus and Central Ohio

NWOH ARES Northwest Ohio ARES Net serving Toledo and surrounding counties

TATN Tri-State Amateur Traffic Net

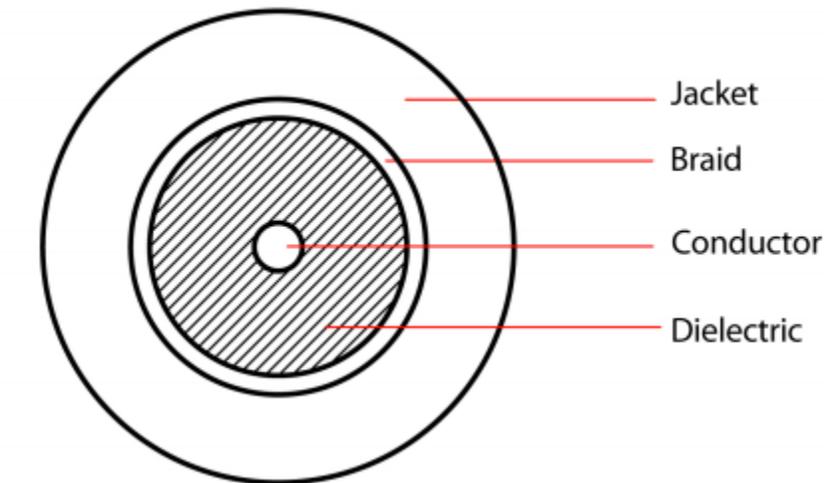
TCTTN Tri-County Traffic and Training Net serving North East Ohio

Hey, Which Coaxial Cable Should You Use?

Coaxial cables are the most popular form of transmission line for getting our signals to and from our antennas. There are many types of cable to choose from and it can be confusing to choose the best one. In this article, I'll cover the most common choices of cable to get you started. Let's focus on the most popular cables, with 50 ohm impedance to match the output impedance of our transceivers.



Cross Section:



Here's the really simple, short story:

At one time, RG-58, RG-8X and RG-8U were military standards but now these terms are used rather loosely and refer primarily to the size of the cable. Accordingly, I added “type” to the term to indicate that it is not a precise standard. The LMR (Land Mobile Radio) cable terminology is becoming popular in the amateur radio world, so the corresponding LMR designator is shown in the table (LMR-200, LMR-240, LMR-400).

All three of these cable types will handle 100W or more at frequencies below 500 MHz, which covers most ham transceivers. If you are running more than 100W, you should check the power specification of the cable you are using. Times Microwave Systems has a very handy [online calculator](#) for coaxial cable specifications, which I used for the calculations in this article.

Signal Loss

All coaxial cables will attenuate the signal as it travels down the cable and the signal loss can be significant. For example, 3 dB of signal loss means that you lost half of the transmit power as it propagates down the line. This loss applies to both transmit and receive... we'll get less power out to the antenna and we'll have less signal showing up at the receiver.

The cable loss will be determined mostly by the size of the cable (bigger is better), the dielectric used in the cable (the insulator between the center conductor and the shield) and the frequency of operation. As an example, consider a 100-foot cable for use at 146 MHz, which is high enough in frequency and a long enough run such that we'll see some significant losses. According to the Times Microwave calculator, 100 feet of RG-58 style cable produces a loss of 5.5 dB, which means that only 28% of the power gets through the cable. (The percent power delivered is shown as Cable Run Efficiency in the calculator.) This is not good, so we would rarely (never?) want to use RG-58 for that long of a cable run.

Changing the cable to RG-8X drops the loss to 4.5 dB, which is only a minor improvement. (4.5 dB loss corresponds to 36% of the power making it through.) However, using RG-8U type cable decreases the loss to 2.4 dB (58% of the power makes it through the cable), so clearly the larger cable size has an advantage. Now let's change the dielectric. LMR-400 is available with a lower loss dielectric (Foam PE). The 146 MHz loss through 100 feet of this cable is 1.5 dB, or 0.9 dB better than ordinary RG-8U. A loss of 1.5 dB means that we still lose 30% of the power.

Now let's see what happens when we change the frequency of operation. If we use our 100-foot run of LMR-400 on the 20m band (14 MHz), the loss is only 0.5 dB. This means that 90% of our signal power makes it through the cable. You can use the Times Microwave System calculator to try out different combinations of cable length, cable style and operating frequency.

Other Specifications

Within the three main types of cable shown, there are many different variations of cable available. Depending on application, you may be concerned about a few other cable

specifications. Cables with solid center conductors are less flexible than those with stranded center conductors. The dielectric material and the outer insulating jacket can also affect the flexibility of the cable. For portable operations, you can buy cable that is rated “flexible” because it is easier to handle and deploy. Direct burial cable has a durable outer insulation that will withstand being buried in the ground. The type of outer shield used in a cable can vary widely, with some cables providing much more shielding and isolation than others.

This is a quick introduction to choosing the right cable for your amateur radio station. I hope it points you in the right direction. It is always a good idea to buy quality cable from a reputable supplier and to read the specifications for that exact cable type.

More on Coaxial Loss (T9B05)

The 2022-2026 Technician License Exam question pool asks how coaxial cable losses and signal frequency are related:

T9B05: What happens as the frequency of a signal in coaxial cable is increased?

- A. The characteristic impedance decreases
- B. The loss decreases
- C. The characteristic impedance increases
- D. The loss increases

Coaxial cable is the most commonly used type of amateur radio transmission line, or *feedline*, because it is easy to use and requires few special installation considerations. Coaxial cable can be effectively used from HF through VHF and UHF frequencies common in amateur radio, but every ham should be familiar with the characteristics of coax and understand its limitations, particularly as frequency increases into the UHF range. That’s what this question is getting at.

Coaxial cable can impose some significant loss in signal strength compared to other types of feedlines, such as *ladder line* or *twin-lead*. There are two primary causes of signal loss with coax: 1) Resistive loss, and 2) Dielectric loss.

Resistive loss arises from the resistance of the center conductor of the cable and results in dissipated heat. Radio frequency currents tend to flow along and near the surface of conductors. This is known as the *skin effect*. The greater the surface area of a conductor, the lower the resistance, and vice versa – small surface area means higher resistance.

As signal frequency increases the skin effect becomes more pronounced. That is, the “depth” within the conductor through which currents flow becomes reduced as frequency increases. As these higher frequency signals are squeezed closer and closer to the surface of the conductor, the effective cross-section area of the conductor through which they may flow is decreased. When the current flow area is decreased the electrical resistance increases. (Think of the water analogy, in which the pipe is narrowing through which the current may flow.) Resistive loss has a significant effect even down in the HF frequency range.

Dielectric loss refers to signal loss resulting from some complex interactions of the alternating electric field with the insulating material that separates the center conductor from the surrounding shield in the coaxial cable. Generally, the more dense the insulator the greater the dielectric loss that results.

For frequencies in the HF range, dielectric loss is usually not significant for most coaxial cable constructions. However, as frequencies increase into the VHF range, and even more significantly into the UHF range, dielectric loss becomes quite significant with most coax insulating materials.

So, as signal frequency increases the loss increases due to both resistive and dielectric loss characteristics. But resistive loss dominates in the HF range, and dielectric loss begins to become significant in the VHF range. In the UHF range these two characteristics are adding together to produce large loss values in many types of coax.

Remember, the denser the dielectric insulating material the greater the dielectric loss. And the lower the conductor surface area (smaller diameter conductor) the greater the resistive loss. So, a very low density insulating material, such as air, combined with a large surface area center conductor, such as a large diameter multi-strand copper conductor, will produce the lowest loss figures for coax. The *air insulated hard line* provides just such a combination and the lowest loss characteristics of any type of coaxial cable.

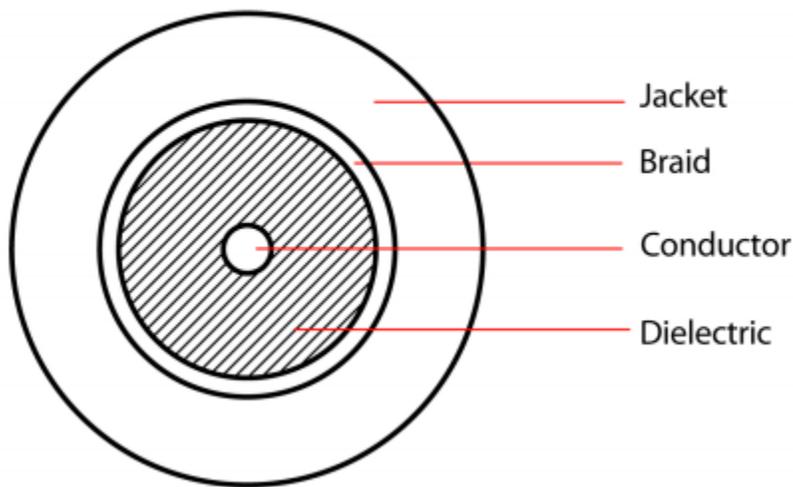
Signal loss is measured in decibels of power. Below is a table of some typical coax types and their loss figures for given frequencies. Each value is the loss in decibels per 100 feet of coax length. Notice how in each cable type the loss per 100 feet increases with signal frequency, and notice that the magnitude of increase gets larger in the 400 MHz (UHF) range.

Coax Loss Chart dB per 100 Feet

	RG-316	RG-58	RG-8X	LMR-240	RG-213	9913	LMR-400	Bury-Flex
3.5 MHz	1.5	.8	.65	.45	.3	.23	.2	.26
7 MHz	2.1	1.2	.85	.64	.5	.32	.3	.37
14 MHz	3.0	1.7	1.21	.91	.7	.46	.5	.53
28 MHz	4.2	2.4	1.74	1.29	1.00	.65	.7	.75
50 MHz	5.6	3.2	2.36	1.73	1.40	.88	.9	1.00
144 MHz	9.6	5.5	4.20	2.95	2.40	1.54	1.44	1.73
440 MHz	17	9.9	7.92	5.23	4.40	2.818	2.7	3.08
2400	41.4	24.8	22.80	12.65	12	7.48	6.6	7.63

www.qsradio.com

Cross Section:



Coax is one of the most common types of cable, having been in use for well over 100 years. While the technology has improved over time, the basic layout of coax cables is much the same today as it was at the time of its invention. Modern coax cables are most commonly used for television, radio, internet, and security camera connections.

The outermost layer of the cable is the jacket, designed to protect the more vulnerable inner components. Jackets are most commonly made from plastic and come in a few different varieties. Along with providing protection from outside elements, jackets also act as an outer insulator to contain any electrical or magnetic signals that leak past the other layers.

The next layer is the shield, which can be braided or foil. While the shield does help to keep the electrical cable of the signal in, it is more meant to keep other signals out. If a coax cable is near something else that puts out strong signals that can potentially cause interference, such as heavy power lines or a cell tower, the shield cuts down on potential problems.

Following that is the dielectric, an insulator that keeps the coax cable signal contained within the center conductor. Dielectrics are designed to minimize leakage, keeping the signal being transmitted through the cable focused and strong. They do help to keep outside signals from causing interference, but this is more of a secondary function since interference should not make it past the shield under ideal conditions.

The final section is the center conductor at the core of the cable. This is a conductive metal line (typically made from either copper or copper-clad steel) designed to transmit the signal going through the cable. A core can be solid or stranded. As the most important part of the cable, it is heavily protected by the first three layers. Damage to the other three layers can make a cable weaker, but damage to the conductor is more likely to break a cable outright.

There are other methods of connecting your radio to your antenna. Some of these include ladder line and open wire as in an end fed antenna. Maybe I'll get to them at another time.

73

David, WA3EZN

Ohio Section Traffic Manager

ARES Training Update

Jim Yoder, W8ERW – ARES Data Manager

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ARES Training Update

It has been a slow month. Not much notable has happened aside from Field Day and some continuing thoughts of Hamvention. I have been working on erecting my antenna farm here in rural Leesburg although my progress has been painfully slow due frequent rain and my physical capabilities. N8OHO has had plans to assist me and the rain and threat of severe weather has managed to thwart his and my plans. Perhaps rain suits are in order and I do not



give up easily. Although I don't have a definite schedule, I will prevail and get this important project completed.

I would like to share something you this month, something that I never gave a thought about until I watched a video recently. I knew the science behind Ice, how when it forms, and I am sure most know that water expands when it freezes. The real gem here is that since the ice expands, it becomes lighter than the water and it remains on top of the water. Just think, if it did not do so and became heavier, it would sink to the bottom of the water and eventually with continued freezing, we would be left with a solid body of ice with all the aquatic life on top dead and frozen. There many other details of creation and the perfection of our creator. I had never considered this important aspect of ice.

The antenna farm I mentioned begins with erecting 3 4x6 treated posts 16 feet in length. Using a hand auger to make the holes they will stand and adding concrete to stabilize them and a guy on the two end points. From there I will affix 3 or more lengths of surplus mast to each of the three posts. Using a clamp arrangement with wing nuts to secure them to the posts, I will be able to add or delete sections of mast to get to a working height. Adding the mast sections after the posts are erected is a lot easier than attempting to raise the post and secure them in the ground. The third post and mast will be at the feed point to support the weight of the balun and feedline as well as keeping the feedline high enough to clear it when mowing. The feed point mast will also support my dual band UHF/VHF antenna.

I had high hopes of having this all ready for the 13 Colonies event a week from now. Likely the trusty Buddipole I have will be pressed into service and I have used it previously when I traveling with great success.

Our training numbers have changed little since last month. This is expected with the schools all out for the summer and many taking vacations or working on home projects. It will pick back up in another month and hopefully I can show significant increases then.

Thank you all for your ongoing support for ARES and the Ohio Section training initiative.

Please feel free to contact me if you have any questions or concerns. It is my pleasure to serve you.

73, Jim W8ERW
w8erw@arrl.net

Thank you and 73,
Jim W8ERW

*From the Section Affiliated Clubs
Coordinator - ACC*

Amanda Farone – KC3GFU

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330-509-4095

ARRL Field Day 2023

For the first time ever, I had the opportunity to travel around for Field Day and visit clubs. I have to say, I am so proud and impressed! This weekend has made me feel honored to be a part of the OHIO Section and makes all the hard work worth it!

Unfortunately, due to unforeseen circumstances I had to alter my plans at the last minute, and I was not able to visit as many Field Day sites as I had planned. I want to thank each and every one of you who utilized the ARRL Field Day Locator to list your club's location information. I also want to thank those of you who responded to my emails about set up times, making it possible for me to squeeze as many visits in as I could in such a short amount of time.



I want to thank those of you who responded to my emails about set up times, making it possible for me to squeeze as many visits in as I could in such a short amount of time.

Friday I was able to visit 2 clubs, Clinton County ARA and OH-KY-IN ARS. It was early and **Clinton County ARA** had just started with set up while dodging the rain. They welcomed me in and took time out of their set up to chat for a while. It seemed as though they had a great start and planned to have a great weekend. When I visited **OH-KY-IN ARS** they were also working on set up. I found myself completely awestruck by what they had going on at their location. They had dipoles hanging in every direction, being put up using a very fancy potato launcher. They were also working on setting up their satellite antenna that they purchased using an ARDC grant. I was invited to their traditional “Midnight Steak Out” and it was very hard to turn that offer down!

Saturday morning, I started my day at **Highland County ARA**. There were quite a few members moving about getting things ready. I got to chat with John and Kathy for quite some time. What wonderful people! John W8KIW writes the South 40 column in the Ohio Section Journal. He is clearly passionate about amateur radio and ready and willing to help anyone he can. Next, I headed toward **Southwest Columbus HRC**. They were very excited to have me show up! They had a great site location and plenty of members ready to operate. I remembered seeing pictures of their Winter Field Day set up at the same location. I got to chat with them about how they wrap their shelter in plastic and how thought out their set up is for WFD. I even got to catch a glimpse of a member hanging an antenna by kite flight. I got back on the road with

All Things ARA in sight. I was especially excited to check out their new stem trailer. I was not disappointed. As with most things, their trailer is a work in progress, but they have a solid foundation and idea with the commitment from key members behind it all. I think the stem trailer is a great tool for amateur radio in general. I found myself very impressed by the training sessions they do and hope to learn more about those in the future. It was dinner time and even though we had been invited to Field Day dinners by every single club, we decided to get back on the road and head towards the next stop. That stop was **Dresden Elementary Amateur Radio Station**. This club is an official school club that is run by the school's music teacher, Jim WX8J. I was thrilled to show up and see the kids operating, not just operating, but operating like professionals and clearly having a great time. The most impressive part to see of their entire operation was the previous school club members who have since graduated, being there to coach and support the younger members. It was fantastic to see a 4th grade girl, hot on the mic, and hearing they planned to operate through the entire 24 hours. I have to say, this was probably the site that I personally took the most away from. We hit the road again and decided it was getting late, so we should start heading back toward home. As a last-minute stop, we decided to stop by a local club, **Mahoning Valley ARA**. We were not surprised when we showed up after 11pm and there were still plenty of members on site and operating. We were able to catch up with a few familiar faces and meet some new locals in the ham community. There was a couple there that reminded me a lot of myself and my husband. A young girl who has been licensed with no interest but caught the "bug" at Field Day! I gave him some advice on handling a wife who catches the "bug". Buy her any radio she wants and take her to play radio whenever she wants, hihi!



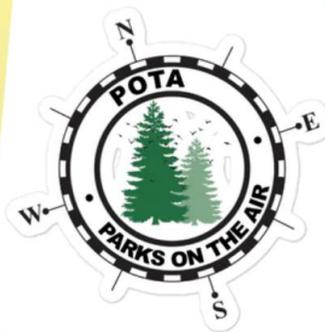
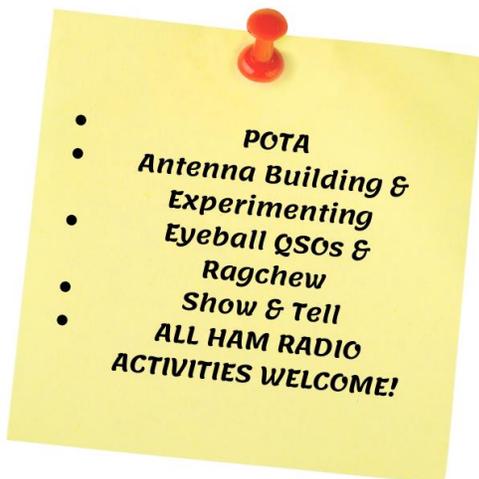
Coming Up in July....

I would like to personally invite you to an event that my “home” club, Western Reserve ARC, is hosting. The event is called the Northeast Ohio Amateur Radio Round Up and will be hosted Saturday, July 15th from 10am-6pm at Harry Meshel Picnic Area, Lake Milton State Park. This is a day for ham radio enthusiasts to just get together and have fun. This is also a POTA reference and POTA activations are encouraged! All ham radio activities are welcome. Lunch will be provided by the club. There will be a Fox Hunt at 2pm with a First Place Prize. There will also be door prizes drawn every hour (must be present to win). The event is FREE, no purchase is necessary to be entered into the door prize drawing, just simply show up! So come on out, have some fun, and meet other amateur radio enthusiasts in the area.

Northeast Ohio Amateur Radio Round Up

A day full of FUN for amateur radio enthusiasts!

Saturday, July 15th
10am - 6pm
Harry Meshel Picnic Area
Lake Milton State Park



Presented By:



National News

(from arrl and other sources)

FCC ULS System Restored

[The FCC Universal Licensing System](#) (ULS) has resumed operations, including the Electronic Batch Filing (EBF) system.

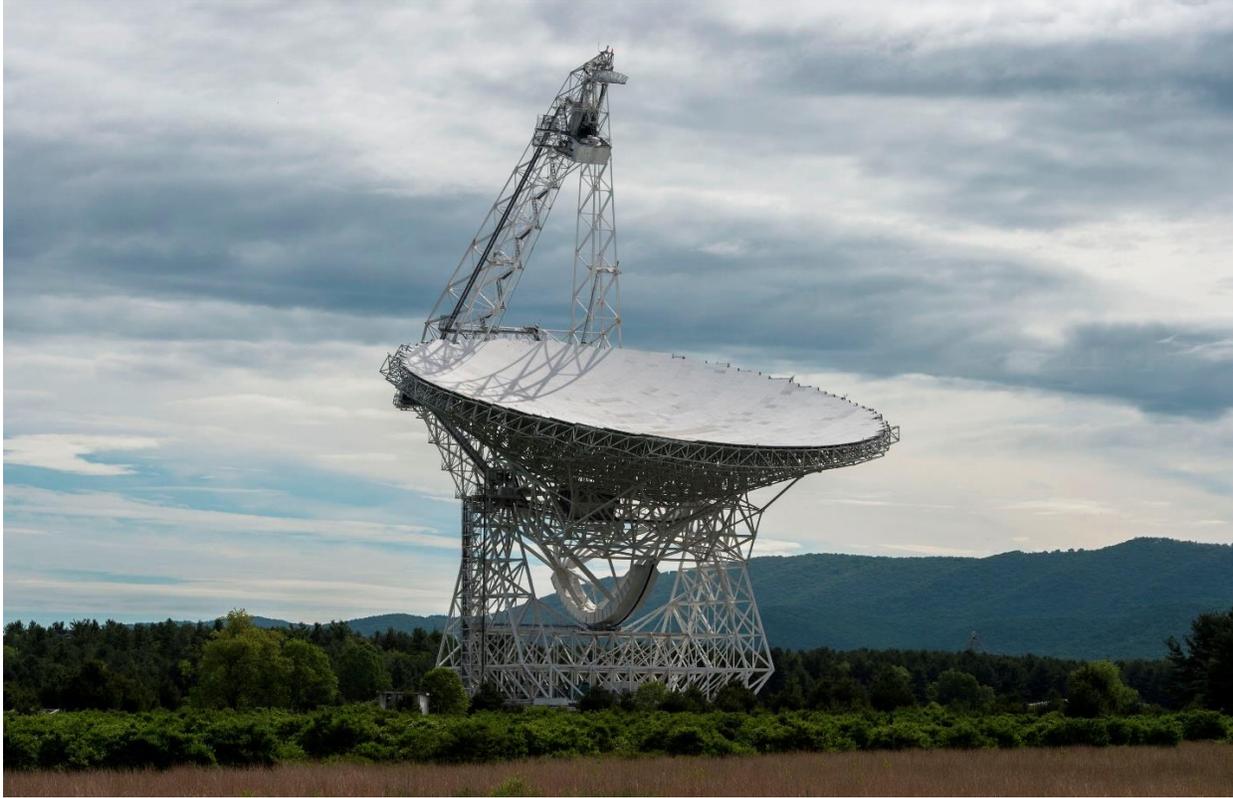
As of June 27, 2023, all systems have been reported to be working. However, visitors to the website will see a message referring them to *Public Notice* [DA-23-529](#) for additional information and guidance on filing deadline extensions.

The systems were first reported unavailable on June 9, 2023. On Friday afternoon, June 23, the EBF system was restored. All VEC organizations use that system for filing exam sessions, individual applications, and club license applications. ARRL VEC staff worked late into Friday night to ensure all backlogged sessions and application files were transmitted to the FCC before the weekend. Approximately 350 backlogged files were successfully submitted to and processed by the FCC before the system's normal shutdown at 8 PM.



ARRL is still monitoring the ULS, and any further updates will be available at [ARRL News](#).

Highly Anticipated Astrophysics Papers Reveal Gravitational Waves Abound in the Universe



ANDREW CABALLERO-REYNOLDS/AFP via Getty Images

After much anticipation from astrophysicists and science enthusiasts, multiple papers published by research teams all over the world have revealed a major discovery that **redefines the universe as we know it**.

Building off Albert Einstein’s general theory of relativity, scientists observed gravitational waves throughout space and time, suggesting **the universe “looks like a choppy sea, churned by violent events that happened over the course of the past 13 billion-plus years,”** as described by *Washington Post* science writers Joel Achenbach and Victoria Jaggard.

“What we measure is the Earth kind of moving in this sea. It’s bobbing around — and it’s not just bobbing up and down, it’s bobbing in all directions,” said Michael Lam, a member of the North American Nanohertz Observatory for Gravitational Waves, or NANOGrav, which gathered data from the Green Bank Telescope in West Virginia (pictured above), as well as nearly 30 others.

NANOGrav data was used in the five papers released in unison on Wednesday, part of **a collaborative effort to not have any one team of physicists scoop the others**, as researchers from Europe, India, Australia, and China have also detected gravitational waves.

“We’ve been on a mission for the last 15 years to find a low-pitch hum of gravitational waves resounding throughout the universe and washing through our galaxy to warp space-time in a measurable way,” NANOGrav chair Stephen Taylor said at a Tuesday press conference, per *The Post*. **“We’re very happy to announce that our hard work has paid off.”**

What This Means

*** This article comes from the Friday June 30, 2023 edition of the “Nice News” ***

2023 ARRL Field Day Was a Success

2023 ARRL Field Day is in the books and from all indications, it was a success!

[Social media](#) is buzzing with stories and photos from around the country.

Results are coming in, and so far, 2,548 Field Day entries have been received. You can see a live, up-to-the-minute count of the entries, comments, and photos on the Field Day [Entries Received](#) web page.

Participants have been submitting photos and descriptions of their stations and setups to the [SOAPBOX](#) column.

Eastern Territory SATERN

I was recently appointed assistant coordinator for the SATERN Eastern Territory. My goal is to get the eastern territory running again. We have a new net that meets Mondays at 8:00 PM on 7.258.

To learn more about the new SATERN go to SATERNUSA.ORG. There is also a link to Disaster Services there.

Harry Bauder, N3FMO

YDXA as W3Y July 29

The Dave Kalter Memorial Youth DX Adventure is proud to announce a 2023 Special Event as W3Y on July 29, 2023. The K3LR Contest Group is hosting us at their station for this event.

This is the first time that this event will be hosted in the USA. As K3LR is one of the largest stations in the world we are confident that this adventure will be truly special for the David Kalter kids and their parents.

The trip is being sponsored by the Dayton Amateur Radio Association.

Look for us on July 29 as we look forward to a great number of QSO's from around the world. The team is currently being formed and more information will be available soon. We are anticipating a team of 4-5 youth operators.

Please contact Jim Storms, AB8YK at ab8yk@hotmail.com with any questions.



Club Corner

This is YOUR corner of the newsletter. Send us what your club is doing, and we'll make sure that it gets in. Got a special event or club project that you want everyone to know about? Send it to us!. Need help with a project? Send it to us.

Let us know what your club is up to. Are you going to have a special guest at your meeting or are you having a special anniversary?



Send it to: webmaster@arrl-ohio.org

2023 HARA Field Day Report

For whatever reason(s) this year's efforts in HARA's Field Day was not up to what it has been in the past. However early reports indicate most clubs in the region have experienced the same observations-mostly older, longer licensed and more experienced amateurs participating. Perhaps it was the Club members wishing to return to a more simple Field Day experience and not playing the point game? Regardless, those who attended the HARA operation said it was the most enjoyable Field Day they had experienced in years.

The event was somewhat a sad one as this will probably be the final year the event will be held at the Levo Century Farm. The farm has been the current site since 2010 and was even a site in the late 1960s and early 70s for the Clinton County ARA.

If you missed it, here's an idea of what took place.



Thanks to last year's donation of direction signs and a new Club banner no one had a problem finding the site this year. Thanks again to Bob McFarland for the donations.



Once on site, stations and antennas were quickly set up.



Because the Club chose to do a simple operation this year there was a time to visit and get oneself prepared prior to the start of the event for what was to come.



This year HARA had several visitors to the site. First to arrive was Ohio ARRL Section Affiliated Club Manager Amanda Farone, KC3GFU, and her friend Chris Monske, WF8U, who traveled from the Youngstown area. Also arriving about the same time was Highland County EMA Director Dave Bushelman and his wife Pam. Shortly thereafter Hamvention spokesman and “Friend of HARA” Michael Kaltar, W8CI, arrived. A bit later Dave Vest, K8DV, arrived as did Nick Finsel. Some HARA members had met Nick at Hamvention. Nick is not licensed but has a strong desire to get a ticket and attended Hamvention to learn more about the hobby. During the Hamvention conversation Nick was invited to attend HARA’s Field Day which he later decided to accept the offer even though he might have found Field Day locations closer to his Sidney home. Nick appreciated the reception he received and indicated we may see him at some future HARA functions. Let’s hope so.





At 2 PM the exercise officially started and the generator was fired up. Although the Club operated 3A, only two transmitters were used. No operation took place on either 40 or 75 meters and there was no CW or digital modes used. Except for some FT8 signals, six meters seemed dead.



When 5 PM came the generator was shut down and it was time for a well-deserved break for something to eat. The Club furnished burgers, dogs and chicken while individual members shared various dishes.

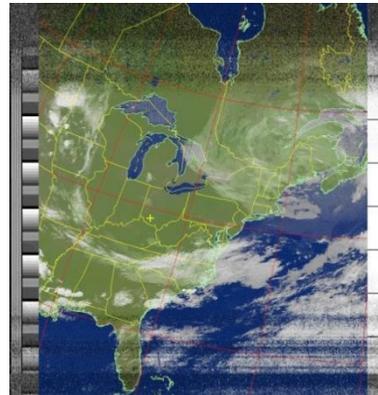


Later we were joined by Vice Great Lakes ARRL Director Scott Yonally, N8SY, who was on his annual quest to visit as many Field Day sites as possible. Later in the evening Southwestern Ohio EC Director Steve Lewis visited. Later in the evening Jeff King, N1DJS, who is a member of the Grant ARA and visiting from New Hampshire dropped by and spent some time. Also stopping to say “HI” was



Clinton County ARA member Dana Dunseith, KB8FOW.

During the evening HARA member Matt McCutcheon, KE8WKK, demonstrated receiving weather images from NOAA satellites as well as provided an “air show” with his mini drone.



Ken spent the night on site in his new motor home. Nick also stayed overnight but roughed it spending the night in a hammock near the pond.



In conclusion, although attendance (approximately 30) was not what was expected and the number of contacts was not high (no 75 or 40 meter station and band conditions not the best), it appears all goals for a simple Field Day were achieved. Some items calling for an earlier plan of action for next year's event have been identified and are already being discussed. Most important was again we proved it would not take that much time for HARA to get a signal on the air should an actual emergency occur and we would be needed. We did it quickly and safely while having an enjoyable weekend.

Thanks to all who actively participated in some way.

VE Sessions

The following information is for ALL exam sessions:

It is now an FCC requirement to have an FCC FRN; active email address and active phone number before taking any exam. Please bring your FCC FRN, original license, a copy of your license (if a licensed ham), a valid photo ID and \$15.00 - Cash preferred.

Effective April 19, 2022, the FCC will charge a \$35.00 application fee for amateur radio licenses. The fee will apply to new, renewal, rule waiver, and modification applications that request a new vanity call sign. License upgrades will not have a fee applied. The fee will be per application. *VE's will not collect the fees at exam sessions.*

If you are applying for your first license, please go to <http://apps.fcc.gov/cores/userlogin.do> and obtain an FRN. This website is self-explanatory and the FRN registration is free.

All Things Amateur Radio Association (ATARA)

We host testing sessions every second Tuesday of the month in Lancaster. To sign up please visit our website <https://atara-w8atr.fun> and contact us at hamexams@atara-w8atr.fun.

Butler County Amateur Radio Association W8WRK

Laurel VE Testing Session - hosted by DIAL amateur radio club
Amateur Radio License Examinations at 9:00AM on Sunday April 29th at Fairfield Township Administration Building 6032 Morris Rd. Hamilton, OH 45011. Pre-Registration is required, go to: www.qsl.net/w8blv click on Exams and follow the instructions. Additional info may be obtained from Thurl Golden, KD8VLU (513) 939-4891 tgolden@fuse.net or Ron Spaulding, N8QF, (513) 617-6181 or n8qf@roadrunner.com . There are no Exam Fees!

CARS

VE testing from CARS - Cuyahoga Amateur Radio Society - at Elmwood Recreation Center, 6200 Wisnieski Parkway in Independence, Ohio 44131 Time: 9:15 AM (Walk-ins allowed)
Always the 2nd Sunday of the odd month. Go to CARS www.2cars.org for detailed map of location. Call Metro W8MET 216-520-1320 for details

Clark County Amateur Radio Association (CLARA)

What: CLARA sponsored A.R.R.L. VE Testing - Walk-ins allowed. Pre-Register via email preferred.

When: On every second Saturday of each even numbered month starting at 10:00 AM
Feb 11th; Apr 8th; Jun 10th; Aug 12th; Oct 14th; and Dec 9th, 2023.

Where: Springview Government Center - Emergency Operations Center; 3130 E Main St; Springfield OH 45503 This is US-40 aka "old national road". From Route 40 enter Old Columbus Road, at the fork stay left driving straight onto Ogden Rd, then immediately turn left into the parking lot behind the EMA. Walk to the door with the "Employees Only" sign.

For more information contact Roland W. Ude, W8BUZ, (937) 605-4951 Email:

buzz@baylorhill.com

Dayton Amateur Radio Association (DARA)

If you are interested in testing for a new or upgraded license, please come see us at the DARA Clubhouse. If you have questions about testing, please email exams.w8bi@gmail.com

Dial Radio Club, Middleton, OH

Will offer Amateur Radio License Examinations at 6:00PM on Wednesday March 1st at St. John XXIII Elementary School, 3806 Manchester Rd., Middletown, OH 45042. Pre-Registration is required, go to: www.qsl.net/w8blv click on Exams and follow the instructions. Additional info may be obtained from Dave Williamson, KD8W, (513) 424-5819 or kd8w@ARRL.net or Ron Spaulding, N8QF, (513) 617-6181 or n8qf@roadrunner.com . There are no Exam Fees!

Findlay Radio Club

The club also sponsors exam sessions at 9AM the second Saturday of each month at the clubhouse. For more info on the club, check out our web page at www.findlayradioclub.org .

Geauga Amateur Radio Association (GARA)

Amateur License exam sessions are offered for all license classes (Technician, General, Extra). Walk-ins are always welcome - no prior registration is required. No fee for the exam.

The GARA schedule of exams are these Sundays at 2pm. Dates for 2023 are January 15th, March 19th, May 21st, July 9th, September 10th, and November 12th.

Exams are held at the Geauga County Department of Emergency Services and Emergency Operations Center, 12518 Merritt Road, Chardon, Ohio 44024. The EOC is located just south of the University Geauga Hospital and just east of the Geauga County Safety Center (Sheriff's Office), off of State Route 44 between State Route 322 and State Route 87 on Merritt Road.



Please arrive a few minutes before 14:00 to allow adequate time to process the necessary paperwork and take your test. Bring your 1) photo ID, 2) email address, 3) FCC FRN, 4) a printout of your current license if taking the General or Extra exam.

Additional info may be obtained from Jim Mekeel, KE8EMP, email KE8EMP@gmail.com or the Geauga Amateur Radio Association website <https://geaugaara.org>

Huber Heights Amateur Radio Club

Huber heights amateur radio club does ARRL VE testing the second Saturday of each even numbered month. Feb, Apr, Jun, Aug, Oct, Dec. 9:30-11:00 For more information contact Jim Storms – AB8YK at ab8yk@hotmail.com

The Lake County Amateur Radio Association

The Lake County Amateur Radio Association is holding its **2023** Amateur Radio license exams at the **Kirtland Library**, 9267 Chillicothe Road, on the following dates:

Saturday, February 4

Saturday, April 1

Saturday, June 3

Saturday, August 5

Saturday, October 7

Saturday, December 2

This bi-monthly schedule is the first Saturday of every even-numbered month (e.g., February being the second month, etc.). They are held at the Kirtland Library, 9267 Chillicothe Road. It is 1.7 miles south of I-90 on Route 306 (Chillicothe Rd). The library is on the left, just beyond the Marathon gas station.

The tests will start at **12 noon**. Please arrive a few minutes earlier.

To register, you will need a NCVEC 605 Form, which will be available at the test. If you would like to complete one ahead of time, be sure it is the Sept 2017 version or later. You can find it by Googling “NCVEC quick-form 605” and clicking on the url for a pdf of the form. Please note **the FCC requires you to provide a FRN** (FCC Registration Number). Social Security Numbers are no longer accepted. If you are new to ham radio and don’t have a FRN, Google “New FRN” and follow the fcc.gov link.

If you are currently licensed, be sure to **bring a copy of your license to the exam**. The cost of the exam itself is \$15.00, and if you wish to pay by check, it should be made out to the ARRL/VEC. Identification with your picture is also necessary, such as a driver’s license. If you have any questions, please contact Scott Farnham, KO8O, at (440) 256-0320, or scottfarnham@roadrunner.com

In addition to the \$15 test fee, the FCC now charges \$35 to add you to the Amateur Radio database. The FCC will e-mail successful candidates instructions for payment directly to them. Payment must be made within 10 days of the e-mail. This charge does not apply to upgrades.

The Lancaster and Fairfield County Amateur Radio Club (LFCARC)

hosts exam sessions at the FAIRFIELD County EMA, 240 Baldwin Dr in Lancaster Ohio, 43130, on the first Saturday each month at 10:00 am. Please visit our website at <http://www.k8qik.org> for exam dates on our calendar and navigate to our Learning Center/Taking the Exam link for information and requirements. Our experienced VE team looks forward to serving the Amateur Radio community in Central Ohio. Contact me at ve_testing@k8qik.org to register.

Lisbon Area Amateur Radio Association

The Lisbon Area ARA has scheduled VE sessions for the remainder of the year on:

12 August
2 September
14 October
11 November
9 December

At the Columbiana County EMA at 215 South Market St., Lisbon, OH 44432

Sign in at 1 PM testing at 1:30 PM.

Contact info is Don Kemp, NN8B.

email: nn8b.oh@gmail.com

No phone calls.

****** NO VE SESSION FOR JULY ******

Madison County

The Laurel testing group will offer testing on the first Thursday of January, March, May, July, September and November. Tests are held at 7:00PM at the Madison County EMA located at 271 Elm St. London, OH. No fee.

The Milford Amateur Radio Club (MARC)

VE testing is held the third Thursday of each month at 6:00 PM. Location; Miami Township Civic Center located at 6101 Meijer Drive, Milford, OH 45150.

Please pre-register at www.milfordhamradio.org

Northern Ohio Amateur Radio Society (NOARS)

VE sessions are held the first Saturday of odd-numbered months (EXCEPT FOR March and July) at 10 AM in the Greater Cleveland area. The July test will be held at 9 AM at the NOARSfest at Lorain County Community College. There will be no test in September. The test in November will be held at the Fairview Park Library, 21255 Lorain Rd, Fairview Park, OH 44126. For more information or to register, contact Elaine, KC8FOS at ewilkinson1951@gmail.com or phone 216-337-4235. Registration is preferred, but walk-ins are welcome.

Portage County Amateur Radio Service (PCARS)

The first Saturday of every even numbered month -10 am – at the PCARS club site in Ravenna. Please visit the PCARS web site and check out the information about VE testing in the latest newsletter at www.portcars.org .

If you have any questions, don't hesitate to contact me at KB8UUZ@gmail.com

Tusco Amateur Radio Club W8ZX

VE Testing sessions are held on the second Saturday of every even numbered month at the Dover Faith Church, 420 N Wooster Ave, Dover, OH 44622. Pre-registration is not necessary. Doors open at 0830 for registration, exams begin at 0900. Cost is \$15. You are required to have an email address and a copy of your FRN or current ham radio license. For more information please go to www.w8zx.net/exam or email VETEAM@N8BAG.NET.

Important Links

ARRL Home: www.arrl.org

Find an ARRL Affiliated Club: www.arrl.org/clubs

Find your ARRL Section: www.arrl.org/sections

Find a License Class in your area: www.arrl.org/class

Find a License Exam in your area: www.arrl.org/exam

Find a Hamfest or Convention: www.arrl.org/hamfests

Email ARRL Clubs: clubs@arrl.org

The Ohio Section Youth Net



Youth Net

When: The second Sunday of every month at 7:30 PM EST

Where: The K8IV repeater located in Kent, Ohio (Echolink node K8BF-L) RF: 146.895
Mhz with PL 118.8

Who: Any licensed amateur radio operator who wishes to participate. Priority will be given to youth stations and those located in Ohio.

The purpose of this net is to encourage youth activity in amateur radio and to help new hams get more comfortable on the air.

*****Next Net is Sunday July 9th *****

DX This Week – ARRL Outgoing QSL Bureau

**Bill AJ8B (aj8b@arrl.net, @AJ8B, or www.aj8b.com)
CWOPs Member #1567**



The summer doldrums seem to have hit the bands. You can work some DX, but it is a slugfest. However, the greyline +/- an hour are reaping benefits. Keep your eye on that time frame and have fun!

We have some great information in this issue. I have included the bi-annual ARRL Outgoing QSL Bureau. Please take advantage of the bureau if you can.

W8GEX, Joe, the godfather of 60M, sends along his latest 60M newsletter.

Next weekend is the 4th of July and the start of the 13 Colonies special event. If you haven't participated, it is a lot of fun. Take a look and use this as an excuse to get on the air if you haven't been on in a while.

Below is the most recent QSL card I received from the CYOS team. Great DXpedition from a great team.

See you on the bands this week!



DAH DIT DIT DIT DAH DAH DIT DIT DIT DAH

I have received a couple of emails regarding QSL cards. Are people still sending them? What is the best way? I will be attempting to address these questions in the coming weeks. However, for this week, I thought that reviewing information on the QSL Bureau would be a good start.

There are a couple of reasons to collect QSL cards. There are a few awards that are not linked with LoTW, there are some hams who don't use LoTW but will confirm via a paper card, there are some beautiful and creative QSL cards to be seen, and there is a tradition of exchanging cards. My first "DX" was with VE3FGO and I still have that card from 1970!

The information that is typically on a QSL card is both callsigns, the location of the station you are confirming as shown in the DXCC Entity list, the date and time (ALWAYS use UTC time), the frequency, and the mode used. The signal report is NOT required, but, is usually included. It is also helpful if the QSL displays the ITU and CQ Zones, grid square designation, and the US county. Most hams now include club affiliations and their email address as well. All this information, along with a bit of personalization, can fit on a standard 3.5" by 5.5" card. Many hams put their location information and callsign on the front and the QSO information on the back. If you are handwriting information on the card and you make a mistake, throw the card out and start over. The station receiving the card may not be able to use what appears to be an "altered" QSL card.

There are several advantages to using the ARRL Outgoing QSL Bureau including a good percentage of returned cards, least expensive, and it can be used to send to foreign QSL managers. The disadvantages are that the bureau is not used by all DXers and it takes time. I have gotten cards for QSOs that were older than 5 years! I am hearing from some of the bureau volunteers that the volume of QSL cards processed has increased dramatically due largely to the use of FT8 by so many hams. More QSOs more QSLs!

The basic concept is that you bundle up your cards and send them to the ARRL. The cards are then sorted by entity and then, at some predetermined time interval, sent to the remote QSL bureaus.

Of course, there are rules that you need to follow so that the ARRL Outgoing QSL Bureau can process the cards and get them added to the shipments to foreign QSL bureaus. (More details can be found at <http://www.arrl.org/outgoing-qsl-service> .)

I want to highlight a few critical points in this process:

- Send larger packages of card to the bureau. I usually send a hundred or so quarterly. At a minimum, I send a package yearly.
- Write the recipients call sign on the back of the card, use upper-left hand side; and flip cards forward facing the same direction. Business side up with no blank sides facing forward. This allows the sorter to quickly determine where the card needs to be sent without reading the front of the card. For instance, if 6Y1V uses OH3RB as the QSL



Fig. 1 ARRL Outgoing QSL Bureau

manager, you would put OH3RB on the back-left hand side of the card along the edge. Print this CLEARLY!

- Sort cards in alphabetical order according to parent and alternate prefixes. This is important for slotting the cards and eliminates returns because cards went to the wrong bureau. Keep all country prefixes together. Example: The prefix 2E belong to England so these cards will go with your G cards for England. The prefix TM is for France, so these cards will go with your F cards.
- Do not separate the cards with slips of paper, rubber bands, etc. This only slows down handling of the cards.

When you prepare the package for the bureau, you must include:

- Proof of ARRL Membership
- Fees & Payment – There is a charge for this service that covers shipping costs. The charge is a \$7 QSL Bureau fee and per ounce charge. Check the ARRL website for up to date charges.
- Pay by check or money order with your callsign written on the check. I include an SASE that the volunteers will put in the mail to let you know that the cards were received.
- Put all of this together (QSL Cards, Proof of Membership, Fee, and an SASE if desired) and ship it to:

ARRL Outgoing QSL Service
225 Main Street
Newington, CT 06111-1494.

As always, if you are having DX success just drop me a line and let me know what you are doing! If you have questions or recommendations for a topic, please send that along as well.

DAH DIT DIT DIT DAH DAH DIT DIT DIT DAH

60 Meter Update by Joe Pater W8GEX

VP6A update: I was lucky to work VP6A on June 17, but after my QSO the island went silent. Later I found out the antenna connected to the RIB "radio in a box" on island had a problem. The boat was anchored out in deep water as they were in a storm with high seas and unable to approach the island to make repairs. Yesterday they were able to return, and repairs made and back on the air this morning on 60m with a big pileup.

While operating today's pileup, Don, N1DG, attempted to switch to F/H. The Flex radio immediately sensed the TX below 5357, decided they were out of band and faulted requiring a reboot of the radio. F/H doesn't allow TX above 1000. He also fought the Chinese woodpecker covering 1/2 the callers and lost the Starlink link more than once.

As Don said, "I'm really a better operator than this!" He expects to be back tomorrow and CT1EEB will try to be on during Ducie's evening for EU.

Gregg W6IZT reported that he and two others will place the RIB (radio in box) on the island. Their boat will be staged not far away. I believe this will be the first time the RIB has been used on a remote island for a DXpedition. All the other times that it has been on the air, was for testing to see how it performed. Gregg reported that they do have 60m permission.

KOSOVO, Z66X, ON 5MHz and 50MHz - The following news was announced by the SHARK President Vjollca, Z61VB with an immediate effect. Tapani, OH5BM and Naim, Z62NS will activate 5 MHz and 50 MHz (6M) starting this week Wednesday (June.14) until late Sunday (June,18). QSL via OH2BH

Dear all,

This is to inform you that the Kosovo parliament has recently approved the 5 Mhz frequency band for amateur radio services in Kosovo, as confirmed by ARKEP (The Kosovo Regulatory Authority for Telecommunication services).

Best wishes and greetings from Kosovo

Vjollca, Z61VB
President of SHRAK, Kosovo

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13 Colonies Special Event to Mark 15th Anniversary

The 13 Colonies Special Event is a not-for-profit event. All donations are used to fund the next year's event, and to defray any expenses occurred. All donations are used for operating costs, supplies, equipment, and 13 Colony Group initiatives. Donation is voluntary. If you have difficulty with a donation, tell us on your log sheet, and we will send you the certificate earned- No Questions Asked!



The Annual 13 Colonies Special Event

GB13COL TM13COL WM3PEN
 NY - K2A
 VA - K2B DE - K2E MA - K2H NH - K2K
 RI - K2C MD - K2F NJ - K2J SC - K2L
 CT - K2D GA - K2G NC - K2J PA - K2M

Dedicated to W1TEF - Tom Francis (SK) K2L/SC State Manager - RIP



All HF bands will be in play, including the WARC bands, *except for 60 meters*. Simplex on 2 meters and 6 meters is encouraged.

The SE stations are on the east coast and, are very close to each other. It will be harder for these states to contact each other so, use of 40m-160m is encouraged.

All modes of operation may be represented - SSB, CW, RTTY, Digital, Etc. - The mode of operation is up to the individual colony state station. Please refer to the State information pages for details.

15th Annual 13 Colonies Special Event
 JULY 1ST - 7TH 2023

SIGNERS OF THE DECLARATION OF INDEPENDENCE

John Adams K2H/MA
 John Hart K2I/NJ
 John Penn K2J/NC
 Wm. Whipple K2K/NH
 Thos. Lynch K2L/SC
 Ben. Franklin K2M/PA
 Gov. Wahlen K2G/GA
 Marquis De Lafayette

THIS CERTIFICATE CERTIFIES THAT ARS: **KUZUS** HAS PARTICIPATED IN THIS ON - AIR AMATEUR RADIO EVENT HONORING THE ORIGINAL THIRTEEN COLONY STATES, OUR INDEPENDENCE, & OUR ACTIVE MILITARY /VETERANS.

73'

2023 Event Dates / July 1 (8AM Eastern) to July 7 (Midnight Eastern)
 (July 1, 2023-1300 UTC to July 8, 2023-0400 UTC)
 YOU DO NOT NEED ALL 13 COLONIES TO GET THE CERTIFICATE
 YOU DO NOT NEED TO GET THE 2 BONUS STATIONS FOR A CLEAN SWEEP

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Here is an update from Bernie, W3UR, of the DailyDX and the WeeklyDX, the best source for DX information. <http://www.dailydx.com/> . Bernie has this to report:

3X – Guinea - After several months of no activity yesterday, Sunday June 18, 3X1A (F1TMY, ex J28PJ), Jean Philippe, was QRV on 15 meters SSB. He will remain in Conakry for another three years. These days his desire for QSOs giving "59 & bye" has dwindled as this is not his "cup of tea". His "motivation to turn on the radio is eroding with time." When he does try and make a QSO with more than just exchanging reports many stations just give 59 and move on. He does enjoy QO-100 where he appreciates making "real QSOs". Despite his lack of excitement on HF he still plans to do his "best to be as active as possible for those (certainly few) who still need to contact Guinea" however making 100K QSOs is definitely "out of the question."

F – France - On the occasion of the 100th running of the 24 Hours of Le Mans F1IEH,

Guillaume, will be operating with special call TM100GPF from June 18 to July 2 in honor of the Grand Prix of France automobile from 1906. QSL via F1IEH.

ET - Ethiopia - That's W9XY, Bob, on 15 meters CW today at ET3AA. K4ZW, Ken, is on his way and should be there soon. "For you 6 meter ops, keep an eye out" says Ken. The guys at ET3AA set up a second radio on the Magic Band and will have "it running all week while we operate HF on the main rig"

SV9 - Crete - Yesterday after getting on the air after supper AB4SF, Wray, found and worked SV9CVY, Mike, on 6 meters FT8 at 2331Z. 9A5R was also decoded at that time.

4W - Timor Leste (East Timor) - 4W8X in November 2023 will have at least 20 "skillful and experienced operators," they say, from Germany, Poland, Austria, Hungary and England. They are sending the gear ahead by sea freight in July. The first ops arrived Sunday, November 5, 2023 and start the setup. They project it may take 2-3 days to get on the air and then just for a few hours after sunset. Most of the ops arrive November 12 to finish the setup and start their round-the-clock operating shifts. They will be on CW, SSB, RTTY and FT8, and with "at least" two signals per band simultaneously, though only one at a time on 160, 80, 60 and 6M. They will have EME gear for 144, 432 and 1296 MHz. They will be multi-multi in the weekend's CQ WW DX Contest CW Contest November 25-26. After that they'll start takedown. They note the OQRS QSL requests for their April 4W1A pre-trip have now been answered, and paper QSLs are now on the way out. They thank QSL manager DJ4MX and are still accepting OQRS requests.

CE0Z - Juan Fernandez - CB0ZA with 10 operators is in the planning stage for February 2024. Signed on are XQ1KZ, CE1KV, XQ3SA, XQ3SK, AB5EB, HI3R, NP4G, HA1AG, N5KO and team leader CE1EW. The dates are February 13-20. They will be in the Juan Fernandez National Park on Robinson Crusoe Island, IOTA SA-005. 160-2M, including 60M, SSB, CW, RTTY, FT8 and EME on six and two are planned. Authorization has been received to operate from Cerro El Centinela, which has a clear takeoff to all of North America. QSL via HA1AG. <https://cb0za.sierranevadaspa.cl>

KH8 - American Samoa - With callsigns KH8RRC and W1AW/KH8, operators W8HC, KB2FMH and N3QQ will be at an AirBnB on Tutuila Island, apparently at the top of the mountain, July 4-18. The station will be an Elecraft K3S, Kenwood TS480 and SunSDR2PRO, to Expert and Juma amps. Antennas: A 5-element Yagi for 6, dipoles for 80, 60, 20, 15, 10, 12, 30, 17 and 12, plus a vertical for 40. They will be on SSB, CW, FT8 and FT4. QSL via KB2FMH. They plan a livestream: <https://clublog.org/livestream/KH8RRC> And they prefer Logbook of the World for your QSLing. <https://www.qrz.com/db/KH8RRC>

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CONTEST CORNER

Below is a list of upcoming contests in the “Contest Corner”. I think this is important for someone who is trying to move up the DXCC ladder since entities that are on the rarer side and easiest to work in contests. Some of my best “catches” have been on the Sunday afternoon of a contest when the rarer entities are begging for QSOs. Of course, the gamble is that if you wait until Sunday, conditions may change, or they simply won’t be workable. However, it is not a bad gamble. Of course, why not work the contest and have some fun!

Check out the WA7BNM Contest Calendar page

(<https://www.contestcalendar.com/>) and CQ Magazine for more contests or more details. I also have a comprehensive list that can be imported to your calendar at www.aj8b.com/files

The contests in **red** are those that I plan to spend some significant participation time on. PLEASE let me know if you are working contests and how you fared.

Thanks!

Date(s)	Event	Info
All Year	CQ DX Marathon	http://bit.ly/3FyPiui
July 1	RAC Canada Day Contest	https://www.rac.ca/contesting-results/
July 1	Venezuelan Ind. Day Contest	https://bit.ly/3NDZghb
July 1-2	Original QRP Contest	http://www.qrpcc.de/contestrules/index.html
July 1-2	Marconi Memorial HF Contest	http://www.arifano.it/contest_marconi.html
July 1-2	DL-DX RTTY Contest	http://www.drcg.de/
July 1-2	NZART Memorial Contest	https://bit.ly/3wYqvX1
July 3	RSGB 80m Club Championship, CW	bit.ly/3TxCrXl
July 5	VHF-UHF FT8 Activity Contest	http://www.ft8activity.eu/index.php/en/
July 8-9	10-10 Int. Weak Signal QSO Party	http://bit.ly/1FrFeBc
July 8-9	IARU HF Championship	http://www.arrl.org/iaru-hf-world-championship
July 8-9	World Radiosport Team Championship (WRTC)	https://www.wrtc2022.it/
July 8-9	PODXS 070 Club 40 Meter	http://bit.ly/2FUmeOL
July 8-9	Veron SLP Contest	http://bit.ly/2L9eT1L
July 9	QRP ARCI Summer Homebrew Sprint	http://www.qrparci.org/contests
July 12	RSGB 80m Club Championship, SSB	http://bit.ly/3TxCrXl
July 12	VHF-UHF FT8 Activity Contest	http://www.ft8activity.eu/index.php/en/
July 15-16	CQ WW VHF Contest	http://www.cqww-vhf.com/
July 15-16	IARU Region 1 70 MHz Contest	https://bit.ly/3r1kqvT
July 15-16	North American RTTY QSO Party	http://ncjweb.com/NAQP-Rules.pdf
July 16	CQC Great Colorado Gold Rush	http://www.coloradoqrclub.org/contests/gold.htm
July 16	RSGB International Low Power Contest	http://bit.ly/3TxCrXl
July 17	RSGB FT4 Contest Series	http://bit.ly/3TxCrXl

July 19	VHF-UHF FT8 Activity Contest	http://www.ft8activity.eu/index.php/en/
July 22-30	Maidenhead Mayhem Sprint	https://w9et.com/rules.html
July 22	YOTA Contest	https://www.ham-yota.com/contest/
July 27	RSGB 80m Club Championship, Data	http://bit.ly/3TxCrxl
July 29	WAB 144 MHz Low Power Phone	http://bit.ly/31yE4kT
July 29-30	RSGB IOTA Contest	http://bit.ly/3TxCrxl
July 30	ARS Flight of the Bumblebees	http://arsqrp.blogspot.com/
Sept. 23-24	CQ WW RTTY DX Contest	http://www.cqwwrtty.com

ARLD026 DX news

This week's bulletin was made possible with information provided by The Daily DX, 425 DX News, DXNL, Contest Corral from QST and the ARRL Contest Calendar and WA7BNM web sites. Thanks to all.

TIMOR-LESTE, 4W. Operators R7AL and RU3AR are QRV as 4W6RU from Dili for the next two weeks. Activity is on the HF bands using CW, SSB, and FT8. QSL via R7AL.

MALAWI, 7Q. Don, K6ZO is QRV as 7Q6M from the Embangweni Mission Hospital in northern Malawi until possibly the end of July. Activity is in his spare time with a special emphasis on 6 meters. QSL direct to W0MAN.

CROATIA, 9A. Special event station 9A150TESLA is QRV during July to celebrate the 150th anniversary of Nikola Tesla's high school education. QSL direct to 9A7R.

BAHAMAS, C6. Operators Joe, W8GEX and Janet, W8CAA are QRV as C6ADX from Exuma Island, IOTA NA-001, until July 8. Activity is on 60 to 10 meters. QSL via LoTW.

FEDERAL REPUBLIC OF GERMANY, DA. Special event station DL0SOP will be QRV from July 1 to 31 to mark the 65 years of the Sea of Peace Award. QSL via LoTW.

PHILIPPINES, DU. Rag, LB3RE is QRV as DU1/LB3RE from Luzon Island, IOTA OC-042, until July 18. Activity is on 40 to 6 meters. QSL to home call.

ST. BARTHELEMY, FJ. Frank, K3TRM is QRV as FJ/K3TRM until July 8. Activity is mostly on 6 meters and various Satellites from grid square FK87, with the possibility of some HF activity as well. QSL to home call.

ST. PIERRE AND MIQUELON, FP. Eric, KV1J is QRV as FP/KV1J until July 11. Activity is on 80 to 6 meters using CW, SSB, and various digital modes, with a focus on 60 and 6 meters. QSL to home call.

ITALY, I. Special event station IL3P will be QRV from July 1 to September 30 from various locations in the Italian region of Veneto. QSL via IU3EDK.

GUAM, KH2, Yas, JA1QQU is QRV as KH2/JA1QQU until July 4. Activity is on 10 and 6 meters using FT8 between 1000 to 1400z, and then 2300 to 0200z. QSL to home call.

LUXEMBOURG, LX. Special event station LX90RTL is QRV until the end of 2023 to mark the first longwave transmissions of Radio Luxembourg 90 years ago. Activity is on the HF bands using CW, SSB, and various digital modes, and Satellite QO-100. QSL via LoTW.

CZECH REPUBLIC, OK. Radioklub OK1KVK is QRV with special call sign OL70KVK until December 31 to mark the club's 70th anniversary. QSL via OK6RP.

GREENLAND, OX. Bo, OZ1DJJ is QRV as OX3LX from Qaanaaq, IOTA NA-018, until July 18. Activity is on the HF bands, with a focus on 4 and 6 meters. This includes a possible trip to either Herbert Island, IOTA NA-134, or Meteorite Island. QSL via LoTW.

CANADA, VE. Pierre, VE3KTB is QRV as VY0ERC from Nunavut, Ellesmere Island, IOTA NA-008, until July 12. Activity is on the HF bands. This includes being active as VY0RAC in the Canada Day contest. QSL via M0OXO.

BERMUDA, VP9. Dave, G4OSY is QRV as VP9/G4OSY from Hamilton Parish until July 8. Activity is on 40 to 10 meters, and possibly 6 meters, using mainly SSB, but also some CW. QSL direct to home call.

MYANMAR, XZ. Akio, JE2QIZ is QRV as XZ2B from Yangon until the end of September. Activity is on 15, 12, 10, and 6 meters using CW. QSL via JH3SIF.

The 13 Colonies Special Event runs from July 1 to 8.

Please see July QST, page 78, and the ARRL and WA7BNM Contest web sites for details.

Upcoming Hamfests

We **DO** have some hamfests scheduled for 2023!! Yes, take a good look at the list, it's growing every day!



Ohio Hamfests

2023

07/08/2023 - [Mansfield Trunkfest 2023](#)

Location: Mansfield, OH

Sponsor: Intercity Amateur Radio Club

Website: <http://iarc.club>

[Learn More](#)

07/15/2023 - [NOARSFEST](#)

Location: Elyria, OH

Sponsor: Northern Ohio Amateur Radio Society

[Learn More](#)

07/16/2023 - [Van Wert Hamfest](#)

Location: Van Wert, OH

Sponsor: Van Wert Amateur Radio Club

Website: <http://w8fy.org>

[Learn More](#)

07/22/2023 - [Ashtabula County Hamfest 2023](#)

Location: Pierpont, OH

Sponsor: Amigos Radio Club Ashtabula

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

[Learn More](#)

08/05/2023 - [2023 Columbus Hamfest](#)

Location: Grove City, OH

Sponsor: Aladdin Shrine Audio Unit

Website: <http://www.columbushamfest.com>

[Learn More](#)

08/12/2023 - [Cincinnati Hamfest](#)

Location: Owensville, OH

Sponsor: Milford ARC

Website: <https://CincinnatiHamfest.org>

[Learn More](#)

08/20/2023 - [WARA Tailgate Swap Meet](#)

Location: Cortland, OH

Sponsor: Warren Amateur Radio Association

09/10/2023 - [Findlay Hamfest](#)

Location: Findlay, OH

Sponsor: Findlay Radio Club

<p>Website: http://w8vtd.org Learn More</p>	<p>Website: http://findlayradioclub.org Learn More</p>
<p>09/24/2023 - Cleveland Hamfest Location: Berea, OH Sponsor: Hamfest Association of Cleveland Website: http://www.hac.org Learn More</p>	<p>10/29/2023 - Massillon (OH) Hamfest (& auction) Location: North Canton, , OH Sponsor: Massillon Amateur Radio Club Website: http://www.w8np.net Learn More</p>

OHIO'S



Field Day 2023 is now in the books. Although I have not received too many reports from the Southern Ohio operations, those heard from have indicated member participation and contact count was lower than usual. But those attending had a most enjoyable and educational experience. A number of clubs have already held evaluations and looking at how to improve next year. Thanks

to all who participated in some way. And a special thanks to our Division Vice Director Scott Yonally, N8SY, and Ohio Section Affiliated Clubs Director Amanda Farone, KC3GFU, who ventured into the South 40 region and visited many of our clubs.

The **OH-KY-IN ARS** needs assistance manning their fund raising beer booth during the July 4 “Red, White and Blue Ash”. Workers are needed from around 3:30 PM until the fireworks show begins about 10. Contact Bruce Vanselow, N8BV, at 513-251-1555 for more information or to offer your assistance.



What could be great road trip for a batch of hams or others interested in classic radio equipment



to make will happen on July 21 and 22 when the **West Virginia Museum of Radio and Technology** holds their annual **Summer Heat Swap Meet and Auction** at the Museum in Huntington. If you have not visited this outstanding Museum this is another excellent opportunity to visit one of the nation’s leading museums dedicated to radio and electronics. On these dates not only can you tour the exhibits, but also attend a swap meet all in a single worthwhile trip. Roadside

America says this about the Museum—it’s a neat “place to display all the neat tech junk spouses would have have thrown out”. Check out their web site at www.mrtwv.org for more info as well as view the numerous YouTube videos.

Most of us are aware of the recent problems the Federal Communications Commission has had with the issuing of licenses. Apparently something went ‘ding’ instead of ‘dong’ during a recent maintenance shutdown of the Commission’s data system. The system is back up and slowly catching up on the backlog of some 350 files that had to be input. Therefore some folks have had to wait longer than usual to see their new licenses and call signs posted. We welcome the following to our midst:

Thomas Breen, Marietta, KE8YNY

Leo Prince, Milford, KE8YOF

Thatcher Wallace, Georgetown, KE8YOS

Christina Davis, Milford, KE8YPE

Benjamin Week, Milford, KE8YPT

Michael Masten, Lancaster,

KE8YQH

Jerry Stonerock III, Waverly, KE8YRE

With the exception of Benjamin Week, all now have Technician Licenses. Mr. Week earned a General. Jeff Slattery, N8SUZ, advises that Chalisa Magpanthon, N8MHV, successfully passed her General test at the recent **Athens County ARA** test session. Congratulations to all.

The annual **Columbus Hamfest**, sponsored by the **Aladdian Shrine Audio Unit**, will take place on August 5 at the Shrine Center just South of Columbus in Grove City. Then on August 12 the 2023 version of the **Milford ARC’s Cincinnati Hamfest** will return to the Clermont County Fairgrounds in Owensville. Visit the www.cincinnatihamfest.org website for more information and see how you might qualify for a free flea market table or win a great radio. The

third annual **Buffalo 10 Meter Net's Ham Radio Swap Meet** will be held in conjunction with the Leavitt Car Show on September 16 in Belpre. The event is totally free and includes door prizes, music, food and drink. Visit the www.buffalo10meter.net website for details.

The **Cambridge ARA** will celebrate the 110th anniversary of the Club's founding with an information booth at the August 11-13 Salt Fork Arts and Crafts Festival in the Cambridge City Park. Lyn Alfman is asking for some additional volunteers to assist with the manning of that booth during the three days of the event. Contact her for more information or to volunteer your services.

The popular Portsmouth hamfest will return this year. The **Portsmouth RC** has announced they will return to the New Boston Community Center on August 19 for this year's event. Because it will be earlier in the year (with additional parking arranged) it's anticipated there will be outside tailgate sales this year.

If the recent Field Day did not quite satisfy your quest for a challenge, past **Fayette ARA** President Jim Scott, N8ORJ, reminds us of the upcoming Ohio QSO Party on August 26. This 12 hour operating contest is sponsored by the **Mad River RC** with an objective to work as many of Ohio's 88 counties as possible on the various HF bands using phone and/or CW. The event rules can be found at www.ohqp.org. Although planned county activations have not been posted to the website yet, Scott states FARA will operate K8FAY from the Fayette County Emergency Operations Center during the contest.



A tip of the South 40 cap to the **Portsmouth RC** (N8QA) on their superb efforts representing Ohio in the recently concluded Lewis and Clark Trail on the Air special operating event. They were the sole Ohio club chosen of the 20 clubs in 16 states to participate in the event. According to Jennifer and Mike Bailey, N8JEN and N8MRB, seven Portsmouth members were on the air at various times on various frequencies and modes logging 2,509 contacts. Overall some 7,497 unique call signs were logged during the two week run. Of those, only 46 stations worked all 16 states. Your columnist got 13 of them. Pennsylvania, Nebraska and South Dakota escaped the logbook.

The 15th annual '13 Colonies on the Air' special event will be held during the 4th of July week this year starting on July 1 and running through July 7. Like the above L & C Trail event, the goal is to work each of 13 special event stations representing each of the original 13 colonies. This year's theme is 'the Signers of the Declaration of Independence'. For further information check out the <http://www.13colonies.us/> website.

Should Field Day and the Ohio QSO Party still not have filled your quest for a challenge, then another operating event will happen on September 9 with the 8 hour Ohio State Parks on the Air operating event. Although the event is some time away, some thought to taking part in this growing activity. According to the OSPOTA web site planned activations have grown to 22. A look at the list shows several parks in the region show no posted plans to be activated. Therefore by activation one of



these parks you may become very popular by being a station chased instead of being a chaser. Check the www.ospota.org website for planned and past activations, this year's rules and an overview of the event in general.

I want to take a moment to personally thank some special people who took time away from their local clubs to travel and visit not only the **Highland ARA**'s Field Day site, but others scattered around our little part of the State. I would like to know how many miles Vice Great Lakes Director Scott Yonally, N8SY, put on his car. I had someone tell me HARA was his 11th stop and it was still daylight. Ohio Section Affiliated Club Manager Amanda Farone, KC3GFU, and her navigator Chris Monske, WF8U, even found a club operating near the Indiana state line. They are from the Youngstown area and they liked what they saw from the clubs in the region and even found some clubs that are not affiliated with the ARRL. Although he got a late start, District EC Director Steve Lewis, N8TFD, was able to make his annual visit to several of the clubs in the Cincinnati area. Even DX Engineering's Area Representative Dave Vest, K8DV, was out and among them. Although we know the South 40 region wasn't going to be visited by our Section Manager Tom Sly, WB8LCD, this year, we do know he was also on the road visiting clubs in other parts of the State.



THIS JUST IN...

Because of the upcoming July 4 holiday the **Portsmouth Radio Club** decided to move its July meeting to Monday, July 10. It will be at the same time as normal with a VE session prior to the business meeting. It will be at the usual Portsmouth American Legion Post location.

The return of Summer and its first holiday is upon us with many of the members of the South 40 ham community taking to the roads to be with family and friends to celebrate. If you are one who will be traveling our roads or spending time on the waters of one of the many South 40 Region lakes and rivers please be careful. There are a lot of idiots out there. And if you are one who celebrates by setting off "bang-bangs", use caution. I had an experience many years ago when helping with our community fireworks. A mortar was not anchored properly and fell over when lit. Some things you can't outrun. Regardless, enjoy the time with others and any possible downtime you might catch.

In the meantime, here's hoping each of you have a great and safe week. Plus one that might afford you some time to be radio active.

John Levo, W8KIW, jlevo@cinci.rr.com or highlandara@gmail.com, 937-393-4951

Print an Official or Unofficial Copy of Your Amateur Radio License

(By Anthony Luscre, K8ZT)

As of February 17, 2015, the **FCC no longer routinely issues paper license documents** to Amateur Radio applicants and licensees. The Commission has maintained for some time now that the official Amateur Radio license authorization is the electronic record that exists in its Universal Licensing System (ULS). The FCC will continue to provide paper license documents to all licensees who notify the Commission that they prefer to receive one.

Licensees also will be able to print out an official authorization — as well as an unofficial “reference copy” — from the ULS License Manager. I’ve created a set of instructions on how you can request an **“official” printed copy of your license***



[Click here to download the instructions](#)

One Question Questionnaire

Hey Gang,

Last weeks question: **IS YOUR FIELD DAY EXPERIENCE GEARED MORE TOWARDS (A) “SERIOUS COMPETITION”, OR, (B) “SERIOUS FUN” ??**

With a total of 78 Responses: 15 (19.23%) said Serious Competition, and 63 (80.77%) said Serious Fun. While I know Field Day is “not a contest”, they do keep score! I thought there might have been a bigger group out there for the competition!



The new question is:

ARE YOU GOING TO TRY WORKING THE 13 COLONIES?

A) YES?

B) NO?

You’ll find the “One Question” questionnaire on the Ohio Section Website! <http://arrloho.org>
It’s all for fun and it’s not a scientific survey in any way, but we are learning some things that we

didn't know from these questions. I hope that you are enjoying answering these "One Question" questionnaires.

Look for the **RED ARROW** on the website – After your vote ENTER out Handbook giveaway contest! Next week I'll announce the May winner!

Final... Final

Field Day is behind us now. We wait until October to see how we did. But that doesn't mean we just hang around doing nothing. Nope, we've got plenty of Ham Radio Fun to pull us through the second half of the year! Check out all the articles in this issue of the Ohio Section Journal and I'm sure you'll get some good ideas of activities, projects, meetings and hamfests to keep you going.

Let me know how your field day went – send me a short article with some photos – let's give everyone a chance to see what the "competition" here in the Ohio Section is doing. While I miss being involved with the whole operation of PCARS Field Day (my home club) it's really fascinating to visit other clubs to see how they "do" Field Day. One thing I can say for all the visits I've made over the past couple of years, everyone is very friendly and welcoming. Thank you – you're a great group of Hams!

Coming up on August 5th is the Columbus Hamfest, where traditionally the Ohio Section Newsletter contest winners are announced. Good luck to you and *your* clubs newsletter. Your newsletter editors put a lot of work into it – help them out when you get a chance, send them an article and / or some photos. I know they'll appreciate it.

Just up from the "Final...Final" is a little article about how to get a copy of your license. I want to suggest that sometime this week, you go there, download the instructions to get an "Official" copy of your license – and then do it! Many of you noticed that last week we had a little "Blip" at the FCC's Universal Licensing System and a lot of things had to wait. I hope none of you needed to get that so you could renew your Amateur Radio license plates! Depending on the timing, that actually could have caused you to *lose* that plate! I'm pretty sure you would not have been too happy about that. Get it done. Keep a copy in your car and keep a copy (or two) with your other important documents. Don't be the one to test the system.

Keep your eyes on PostScript – I'll soon be announcing a fall "Clubs" forum on zoom. This will be open to EVERYONE who is interested in being a part of making your club an *outstanding* club. Doesn't matter if your part is "Club Officer" or the newest "Club Member" – everyone has a role, and a responsibility in making your club a Great Club.

AS of right now, I've got a pretty busy schedule ahead of me for work, ham radio, and even a little bit of a vacation. My upcoming Hamfest plans are to attend the Mansfield Trunkfest on July 8, NOARSFEST on July 15, Columbus Hamfest on August 5, Cincinnati Hamfest on August 8. WARA Tailgate Swap on August 20, Findlay Hamfest on September 10, Cleveland Hamfest on September 24, and the Massillon Hamfest on October 29. While I'm unable to attend the Van Wert Hamfest on July 16 and the Ashtabula County Hamfest on July 22, I want to encourage you all to get out to as many of them as you can make – and stop by and say “Hello”!

73,
Tom WB8LCD

“Swap & Shop” on the website

Hey Gang,

Have you taken a look at the **Swap & Shop** page on the Ohio Section webpage yet?? Here's a link that will take you there...

<http://arrl-ohio.org/sm/s-s.html>



Do you have equipment that you just don't need or want anymore? Here's a great venue to advertise it, and it's FREE!!

Is your club doing a fund raiser to help raise money? After a lot of thought, it was decided that the Swap & Shop webpage could also contain these types of items as well.

The same rules will apply as do for the For Sales and Give-A-Ways and will only be posted for a month at a time. Please see the Terms & Conditions on the webpage.

If your club is doing a fund raiser and wants more exposure, please forward the information to me and I'll advertise it on the Swap & Shop webpage for you. Now, I still want to remind you that it won't be listed in this newsletter because it would take up way too much space, so your ad will only appear on the website. It is there for any individual to post equipment Wanted / For Sale or Give-Away as well as for Club Fund Raisers. No licensed vehicles/trailers or business advertising will be posted.

Postings are text only (no pictures or graphics) will be posted for a maximum of 1 month from date posting and require a contact phone number or email within the posting. Send your Wanted / For Sale or Give-Away post to: swap@arrlohio.org

Back Issues of the PostScript and Ohio Section Journal

Hey, did you know that PostScript and Ohio Section Journal (OSJ) are archived on the website? You can go back and look at any edition simply by clicking: <http://arrrl-ohio.org/news/index.html>



Ohio Section Cabinet

Section Manager – Tom Sly, WB8LCD	Section Emergency Coordinator – Bret Stemen, KD8SCL
Technical Coordinator – Jeff Kopcak, K8JTK	Section Traffic Manager – David Maynard, WA3EZN
State Government Liaison – Bob Winston, W2THU	Affiliated Clubs Coordinator – Amanda Farone, KC3GFU
Section Youth Coordinator – Anthony Lascre, K8ZT	Public Information Coordinator – Elizabeth Klinc – KE8FMJ

Chit – Chat, and All That!

Do you know someone that’s not getting these Newsletters? Please, forward a copy of this Newsletter over to them and have them “[Opt-In](#)” to start receiving them. Heck just have them send an email to: webmaster@arrrl-ohio.org to be added.



We now have many thousands of readers receiving these newsletters weekly. Quite impressive, I’d say! I urge all of you to make sure that everyone, regardless of whether they are a League member or not, get signed up to receive these weekly Newsletters.



You can always “Opt-Out” at any time if you feel this is not what you were expecting. It’s fun and very informative. All of your favorite past newsletters are now archived too.

You can go back at any time and read them. Just go to: <http://arrrl-ohio.org/news/>



The pictures on the front page and throughout this newsletter are from various newsletters, Facebook posts and/or were sent directly to me in recent weeks. Take a good look at them, you just might be in one of the pictures! “SMILE... you’re in the Ohio Section News!!”

The Ohio Section Journal (OSJ) is produced as a comprehensive look at all the programs within the Ohio Section. I sincerely hope that you have enjoyed this edition of the OSJ and will encourage your friends to join with you in receiving the latest news and information about the Ohio Section, and from around the world!

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