



*Ohio
Section
Journal* **June 2024**

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***From the Technical
Coordinator***

Jeff Kopcak – K8JTK TC
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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 are 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 providing 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 12 qualified specialists.

RFI and 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 or poorly made transmitters, household appliances, personal devices like computers, monitors, printers, game consoles - to grow lights, failing or poorly made transformers, and devices hams brag about getting cheap from China. Technical Specialists can 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, Society of Broadcast Engineers (SBE) certifications and affiliations, and 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.

Hamvention Recap

Another Hamvention has come and gone. This was emotional because this was the first since my dad passed, N8ETP. Hamvention was something we did together. He didn't go last year because (we didn't know it at the time) he was suffering from post-operation complications. He was looking out from above because I had no shortage of company on this trip. I checked into the hotel, then went to dinner.

Immediately met a father and son on their first trip to Hamvention. We talked about the show, past shows, what to expect, and some pro tips. Ironically, the dad was released from the hospital a week prior after recovering from an infection. If they're reading, I apologize I don't remember your calls – send me a message and I'll add them later.

Figuring the rain would keep attendees away Friday morning, traffic was worse than anticipated. Busses were stuck in with those trying to get into on-site parking,



Original 1964 Collins Communication Van at Hamvention

causing delays and lines at the high school. It took over an hour from the high school until I got into the fairgrounds. Broke out the poncho for the first time in a number of years.

After being admitted, checked in with the ARRL Ohio Section/Great Lakes Division table to say howdy to our leadership and swap stories. Shortly after leaving the booth, ran into George – W5JDX and Mike – VE3MIC from AmateurLogic.TV and spent the rest of the day hanging out with those guys. Due to rain, George didn't do any recording until after we grabbed some lunch. Hilarity insured behind the camera as well as [in front](#).

I left about 4pm to get ready for dinner. At dinner, I ran into George again. We were chatting and before we knew it, realized it was 8pm. We had intended on going to the D-STAR evening gathering but didn't make it since we were having a big time.

Saturday, ran into Mike – this time in the flea market – and we walked a good portion of it in the morning. Mike and cousin Jerry were going to head back home around noon. I walked the rest of the flea market because that was something dad liked to do too. Before leaving, talked with some inside vendors I wanted to speak to.



Inside the Collins Communication Van

Shopping list was sparse this year. Only thing I was really looking out for was a place that built ham shacks/outdoor buildings. The camper converted into my existing hamshack really needs to be replaced. I didn't see any builders there. Rest of the shopping list was "nice to haves" – radio with a TNC for APRS or Winlink. Maybe other APRS gear. Couple Motorola pieces of equipment I've been looking for. Been wanting to get a D-STAR radio with the latest features. I took advantage of a show special at DX Engineering and picked up an ICOM ID-52,

mainly because the restrictions (by ICOM) were lifted on the show specials.

A ham in the area, whom I've gotten to know, was looking to unload some of his gear. I picked up a used ICOM IC-746Pro and Micro Keyer. Fortunately, I was able to try out the radio before I bought it. Doing some research online found out the most common problems with the 746 are the display backlight goes flaky, eventually crapps out, and a dead transmitter. Both were non-issues.

This ham did say the tuning knob might be loose. It didn't seem much different than my IC-7000. Upon using it at home, there might be an issue with the knob because it does repeat the same frequency numbers over and over again on occasion. I'll look into tightening or cleaning the knob/encoder to see if that resolves it. It's not a big deal because most of my operation is digital and I use remote control through a CI-V cable.

Otherwise, it's been working fine on Winlink. There are a couple differences I like in my 7000 over the 746. Main one being it keeps switching back to USB from D-USB for digital operation. Functionally, it's working as expected.

A stop at Micro Center in Columbus on the trip back home is required for some post-Hamvention spending. The Columbus location is a bigger store than my closest location on the east side of Cleveland (Mayfield Heights), which means they have more stuff out on display. I needed some larger capacity USB Flash Drives and they had a Lenovo ThinkPad on sale. I'd been having trouble with my existing laptop failing to charge the battery. I found out the Columbus store is a larger location because it is the flagship store for Micro Center as their headquarters are about 15 minutes away. That store will have items not (yet) available at other locations as a test to see if an item sells out.

The same general themes kept popping up before the show and at the show from other attendees: 'this maybe [my] last one' and 'show specials can be found online.' With the economy in the crapper and inflation in its current state, it's getting even more expensive to attend Hamvention. \$500 and up for a single room in the area for the weekend. With other local events, such as grade school sporting tournaments and antique flea markets, hotel rates are higher due to demand. There were a couple issues at my hotel too. While the staff tried to make it right offering bonus points, the issues still shouldn't have happened when you're paying that much for a room. An inconvenience for what was supposed to be an otherwise enjoyable time.

Hamvention show specials, for the most part, can be found online too. Not all distributors bring a lot of gear (inventory) to sell – except for maybe the most popular radios and models. Heil Sound is one vendor most people I know reference because we were involved with Ham Nation. Back at Hara Arena, they had an entire side of Audio Alley with equipment and inventory for sale. Heil Sound had a 6-foot table this year showcasing headset and some microphone offerings. They, like many others, are relying on distributors for show specials and handling of inventory – which goes back to the show specials are also found online. MFJ wasn't there because they [ceased production](#) as the show was getting underway. I heard in the flea market: 'sellers are looking for top dollar and buyers are looking for the cheapest deals.' Things weren't flying out of the flea market either.

Despite that, according to the [Hamvention website](#), this year's event was record-setting attendance at 35,877. I will always be of the belief "if you've never been to Hamvention, you need to go at least once in your life." It's more of a social and nightlife gathering, with vendors putting new gear 'under glass' at the show.

ARRL Network Incident

Not to bury the lead but I figure I would touch on the [announcement posted on the ARRL website](#) regarding the “serious incident involving access to our network and headquarters-based systems.” This incident was [big enough news](#) to make an online Cybersecurity trade publication, SecurityWeek. I don’t know anything more than the information made available in the league’s post but I suspect the last paragraph in the SecurityWeek article is the reason.

From the Information Security side, in this day and age, where everyone wants things to be convenient – conveniently accessible resources, conveniently ways to order things online, convenient ways to make membership changes, convenient apps to use – it’s not a matter of “if” something will be compromised, but “when” will something be compromised. The “when” for the ARRL happened to be right before Hamvention.

As noted in the ARRL post, people are asking if personal information is compromised – they haven’t said “yes” but it seems very likely. How an organization comes out looking in these trying times comes down to how they handle their responses – how they improve security posture, how they communicate the extent of the breach to its members, reporting to regulators/investigators, services offered to those concerned about their personal information, how they clean up and recover, making sure it doesn’t happen again, etc. If true, the “ARRL does not store credit card information anywhere on our systems, and we do not collect social security numbers” which helps with regulators and government but leaves privacy minded individuals who do not wish for personal details, albeit “publicly available,” to fall into the wrong hands.

Yes, this absolutely should not have happened. In a perfect world, it wouldn’t have happened. We don’t live in a perfect world and not everyone is perfect despite how some present themselves.

From my own experience, working with vendors and Managed Service Providers (MSPs), it takes a lot of extra work to make sure what they are telling you is correct and make sure what they do is correct. ARRL does use Microsoft services and they’ve had their share of [scathing reports of inadequate security practices](#) recently. I work with a lot of different Information Technology (IT) teams. The number of analysts (and management) that know very technical details about systems they are responsible – is remarkably low. When an analyst doesn’t know their system, doesn’t know how modifications affect that system, how would they know if a modification opens their organization to attack? Maybe an employee was thinking they were doing their job but clicked a password stealing link or downloaded a fake invoice containing a malicious payload (malware that performs malicious activity). The latter is often due to a lack of proper training in security practices for general employees. Again, these are only my experiences and observations working in IT.

[The ARRL posting has been updated several times](#) as recovery progresses and systems come back online. This disrupted most ARRL IT systems including phone systems, Logbook of the

World (LoTW), VEC application processing, some magazine resources, store orders and shipping. LoTW data is “secure” presumably meaning no uploaded contact logs have been lost. The arrl.net forwarding system was not affected but I’ve been moving off it [due to messages being bounced](#) previously.

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

From the Section Emergency Coordinator
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Hamvention 2024

WOW! What a weekend at Hamvention 2024. Even though it rained on opening day, there was a huge turnout. The rain moved out of the area and the sun appeared and warmed the day up. Saturday and Sunday turned out to be beautiful and warm days and the attendance was great.



ARRL Staff getting ready for another day at Hamvention 2024.

I had the privilege of helping out at the ARRL ARES booth this year. Thanks to Josh KE5MHV, the EM Director for the ARRL. There were several Section Managers from various Sections of the US and it was a pleasure to get to know them and work with them. I had the great pleasure of speaking with some ARES member from all over the Ohio Section and around the country and those that are interested in joining their local ARES group. I had several ARES members from the Ohio Section stop by and introduced themselves or just to say hello, this was the first time I was able to meet some of you face to face. I was asked about the new EmComm training that ARRL has been releasing (Basic, Intermediate and Advanced) which I recommend everyone take. It was great to meet, work and get to know the SM's and the ARRL staff. I had several discussions with most of them. The Great Lakes Division booth was next to the ARRL ARES booth and this gave me some time to speak with Scott N8SY, Roy W8REH and Tom WB8LCD. Josh and myself were able to have a few conversations at length regarding ARES and the ARRL, thank you Josh for opportunity to work the booth this year. The ARRL held the National Convention at Hamvention this year, there were a lot of great forums this year, too many to mention here. A special Thank you to the staff of volunteers that worked hard to organize and make Hamvention a huge success.



Bret KD8SCL, Ohio Section SEC: Josh KE5MHV, ARRL Emergency Management Director: Scott N8SY GLD Director

Congratulations:

Congratulations to the ATARA team from Fairfield Co. for receiving the Special Recognition Award during Hamvention presented by Scott N8SY, Great Lake Division

Director for their hard work on the STEM Trailer that was built due to a grant from the ARRL. The STEM Trailer is a hands-on learning tool and is taken to various schools and other events around Fairfield Co.



Training:

The ARRL has started to release the latest EmComm courses. As of right now, only the Basic and the Intermediate EmComm courses has been released and can be found here.

<https://www.arrl.org/online-course-catalog>

The Advanced EmComm course is expected to be released by mid-summer. These courses are not mandatory, but I highly recommend them as part of your training.

Hamfests:

There are plenty of Hamfests happening through the state. There is still plenty of time to attend one in your area, I am trying to attend as many as possible in my free time.

Hopefully I will see you at one. For upcoming Hamfests, please visit our website at

https://www.arrl.org/hamfests/search/page:1/Location.section_id:oh/model:Event

Field Day:

Is your club or ARES group planning to hold a Field Day event on June 22-23rd? If so, don't forget to add your Field Day event to the Field Day Locator.

<https://www.arrl.org/field-day-locator>.

For more information about FD 2024 can be found here, <https://www.arrl.org/field-day> .

I sincerely appreciate all you do for your neighbors, and for the Ohio Section!

Elizabeth Klinc, KE8FMJ
OHIO Section Public Information Coordinator
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For the next chapter of our PIO saga, we will discuss interacting with the media. PIOs work with the media - not deal with the media. Be an advocate — for the public, for your organization, and for the media. Media often covers many things and there are often new reporters, so you need to educate them. Building those relationships during steady state is crucial to your success.

An excerpt from the ARRL [PIO Handbook](#):

How to Handle Media Interviews

The news release is a great tool, but some reporters, and some stories, will require face-to-face or telephone interviews. When there are several reporters or several types of media involved, this becomes a "press conference" or a "news conference."

Again, you need to be as well prepared as possible. Preparation, depending on how much advance notice you get, should include writing a news release, a statement or at least some written notes for referral during the interview. (Having on hand some ARRL literature or descriptive material explaining the organization you represent may help, too). A news release is also something the reporter can walk away with and use later when he's writing his story. If you have done your job well when you put it together, it will contain the points you want to make and increase the probability that the reporter will include them in his final story.

In the case of a radio or TV interview, having some notes for the interviewer may help things along. In this way, you can suggest discussion areas that are in your area of expertise. Remember, when dealing with electronic media, condense your thoughts into brief "sound bites."

Meeting The Press

When you meet with the press, you should try quickly to evaluate the reporter. How much does this person know about Amateur Radio? About the event or situation you are talking about? What is the reporter's agenda or, in other words, what preconceived notions does he bring with him to the interview? And are those correct notions? Next,

listen to the questions you are asked make sure you understand them and then answer carefully and thoughtfully. Be "on point" and remember in this "factoid" age, short, concise answers are better than long-winded responses.

There are different types of questions and there are different ways of answering them. If you are lucky, the questions you get will be simple, straightforward and aimed at the right target. There are also poor questions, which are wide of the mark. In these cases, try to help the reporter turn them into intelligent, useful or constructive veins by your answers and explanations.

If you don't understand what the reporter is getting at, try something like, "As I understand it, you are asking..." and then repeat or paraphrase the question until you get it right.

Watch the reporter's "body English," eye movements and expressions for signs that your answers may not be getting through. Take a little more time and provide a little more information until you are certain your message gets there in the way you intended.

Avoid one-word answers: They make poor quotes and leave you open to the reporter's misinterpretation. He may think he's asking one question while you may be answering the one you think he's asking. Did you ever hear the one that goes...

"I know you believe you understand what you think I said but I'm not sure you realize that what you think you heard is not what I meant."

Remember that your interviewer probably doesn't know very much about radio or about our Amateur Radio activities. You will be lucky indeed if he knows that electrons were responsible for having heated his morning muffin in the microwave oven. And, if he knew as much as you know about the situation you are discussing, there would be no need for him to talk to you at all.

Make sure you don't take off on windy and complex explanations or lapse into ham radio jargon or technical dissertations over everyone's head except another amateur's. Do try to control the direction of the interview by staying focused on the subject. You actually have a big advantage here and you should use it. After all, you know the subject; your interviewer probably does not. Because he's groping his way through unfamiliar territory, you can probably lead him pretty easily in the direction you want by your informed statements and knowledgeable replies to the questions asked.

If you mention others, be sure to have the correct spelling of their names and call signs. You can also prepare a "fact sheet" that has this information already in place.

Damage Avoidance

If you don't know the answer to a question, don't be afraid to say so. It is a lot better than

to blunder into sheer guesswork or a wrong response. If it is appropriate, refer the reporter to someone who may have the answer or offer to try to get the information needed. Then, follow up with the information as soon as possible!

Whatever happens, don't "lose your cool." There is no provocation, situation or circumstance in which you can afford to be rude, arrogant or offensive in your handling of the media. They, after all, have the last word ... and it will be in print or on the air.

Do not present your own personal opinion in such a way that it might be interpreted as an official ARRL position or the position of your club or organization. Know how the policies of these organizations are formulated. When you think something you say might be interpreted that way, qualify what you say with "In my personal opinion..." or, better yet, avoid expressing them at all. If you feel yourself getting in over your head, dummy up until you can get some help or guidance from your Section Manager, Public Information Coordinator or organization leaders.

Statements critical of other persons or organizations can cause real grief, whether or not they happen to be true. They may damage hard won reputations, undo someone else's hard work and cause irreversible damage. They could even lead to a lawsuit or other such nastiness. If you feel tempted, run for the nearest exit.

If you find yourself giving credit, make sure all the organizations or individuals involved are included. Don't risk offending someone through oversight.

Expect that, no matter how good a job you have done, there will be no shortage of people ready to find fault. Just do the best job you can and develop a thick hide.

Follow Up

If you have promised to get responses to questions you deferred, be sure to follow up promptly. Remember, reporters are always fighting deadlines!

After your story appears, you may wish to leave a message for the reporter thanking him/her for their efforts.

If a feature was done in a local newspaper, a "Letter to the Editor" from your club (preferably the president) may be an appropriate touch. Such a letter could thank the paper on behalf of the many club members and community volunteers who benefited in some way from the story. Keep it brief and to the point.

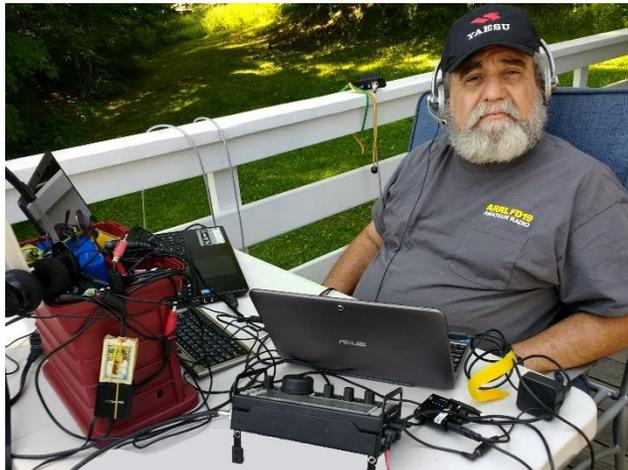
Elizabeth Klinc, KE8FMJ AUXC

OHIO Section Public Information Coordinator
District Emergency Coordinator, D3 Ohio ARES
Assistant Emergency Coordinator, Greene County

ARRL - The National Association For Amateur Radio™

From the Section Youth Coordinator
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**Dayton Hamvention 2024 -
Videos to Watch**
Anthony Luscre, K8ZT
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The Dayton Hamvention, a significant event in our amateur radio community, has just concluded. Linda, KA8ODP and I were fortunate to attend for what we believe was our 38th or 39th time (we've lost count!). It was a memorable four days filled with presentations, catching up with old friends, meeting new ones, exploring vendor booths, and making a few purchases.

Now, you might be thinking to yourself, “Anthony is just rubbing this in as Hamvention is already over.” But no, I am writing this to share some items you can still enjoy from the comfort of your home.



Contest University- www.contestuniversity.com

Contest University

Contest University streamed and recorded over a fourth of the presentations, which you can watch at the links below. You can also view the slideshows from the remaining sessions and past years at this link: www.contestuniversity.com/files.

- Full live stream recording- youtu.be/JdlozWlGstM
 - Contesting Ethics- Randy Thompson, K5ZD
 - Optimizing the Use of Waterfall Displays for Contesting – N6TV
 - How to Integrate Youth Operators in Multiop Contesting – KE8LQR and K8LG
 - Next Level Contesting; Making the Move to SO2R – K5ZD
 - The Road to WRTC2026 in the United Kingdom – M0DXR
 - HF Propagation Tips to Improve your Competitiveness in Contests – W3LPL
 - QRP & Low Power Operating, K8ZT
 - SO2R and Station Design Q&A – K5ZD
 - Are you Considering a New Radio? Is My TX Clean? – Rob Sherwood, NC0B
- Busting Contesting Myths to Get Started in Radio Sport – K8ZT-
youtu.be/yCcw7KG6Dgo
- QRP & Low Power Operating- Anthony Luscre, K8ZT-
youtu.be/JdlozWlGstM?t=21901

Four Days In May (FDIM) QRP-ARCI-

<https://qrparci.org/fdim>

FDIM is the original Thursday before Dayton activity. You can watch the videos of their presentations at



www.youtube.com/playlist?list=PLOReRxAQ1qvGYpQAysjYBA_oVaLzAP_XH4

- The Construction and Use of a WhosZat by Jack Purdum W8TEE
- Top 10 Junkbox Projects by Han Summers G0UPL
- zBitx - Bringing CW into the 21st Century by Asher Farhan VU2ESE
- Adventures of a QRP Evangelist by Cliff Batson N4CCB
- Amplifying Your Adventures, Minimizing Your Power by Thomas Witherspoon K4SWL
- Designing the Elecraft KH1 - From Vision to Reality by Wayne Burdick N6KR

- The Amazing Thermionic Valve by Greg Latta AA8VI-
www.youtube.com/watch?v=OWMqxcRoIQ



The Dayton Hamvention

The Hamvention has 3 days of forums and most are recorded and available for your viewing at
www.youtube.com/playlist?list=PLM_NXI3v5F_z2HUGadVzbgOMgAvh22iDX

1		AMSAT CubeSat Simulator DARA Hamvention • 149 views • 3 days ago	18		All the Fun of Youth on the Air DARA Hamvention • 41 views • 4 days ago	46	14		Linux and Ham Radio Software DARA Hamvention • 390 views • 5 days ago
2		AMSAT Youth Initiative DARA Hamvention • 29 views • 3 days ago	19		Fun With POTA - Perfect Opportunity To Adventure DARA Hamvention • 139 views • 4 days ago	46	15		Being Heard on 160m DARA Hamvention • 285 views • 5 days ago
3		System Fusion Forum 2024 DARA Hamvention • 505 views • 3 days ago	20		4-H Clubs & Ham Radio for Kids DARA Hamvention • 85 views • 4 days ago	51	16		Amateur Radio is Not a Personal Wireless Service DARA Hamvention • 63 views • 5 days ago
4		Ham Radio For Us DARA Hamvention • 101 views • 3 days ago	21		Working Outside the Shack DARA Hamvention • 57 views • 4 days ago	51	17		ARRL Legal Defense Committee DARA Hamvention • 25 views • 5 days ago
5		VP2VMM DARA Hamvention • 145 views • 3 days ago	22		K8LPS Cleared for Takeoff DARA Hamvention • 138 views • 4 days ago	51	18		HamSCI Festivals of Eclipse Ionospheric Science DARA Hamvention • 45 views • 5 days ago
6		WRTC 2026 Update DARA Hamvention • 38 views • 3 days ago	23		Kit Building Techniques for Success DARA Hamvention • 180 views • 5 days ago	51	14		Building Projects with Microcontrollers DARA Hamvention • 145 views • 2 days ago
7		Hamtiques Roadshow 2024 DARA Hamvention • 129 views • 3 days ago	24		Foxhunt Forum 2024 DARA Hamvention • 49 views • 5 days ago	54	15		13CM in KH6 DARA Hamvention • 40 views • 2 days ago
8		ARRIS: 40 Years of Amateur Radio in Space DARA Hamvention • 74 views • 3 days ago	25		The NRAO Exploring the EMS / Ham Radio Project DARA Hamvention • 92 views • 5 days ago	51	16		Improve Logging in ARRL VHF / UHF / Microwave DARA Hamvention • 13 views • 2 days ago
9		AMSAT Celebrating the Past, Looking to the Future DARA Hamvention • 72 views • 3 days ago	26		10 Ways to Grow Your Ham Radio Club DARA Hamvention • 93 views • 5 days ago	7	17		WRC 2023 Summary DARA Hamvention • 20 views • 2 days ago
10		Balloon to Space DARA Hamvention • 40 views • 3 days ago	27		Dave Kalter Memorial Youth DX Adventure DARA Hamvention • 27 views • 5 days ago	1	18		Amateur Television Network DARA Hamvention • 126 views • 2 days ago
11		AMSAT GOLF 2024 DARA Hamvention • 116 views • 3 days ago	28		SO4R with the RigSelect PRO DARA Hamvention • 60 views • 5 days ago	1	19		Amateur TV Analog, DVB-S, DVB-T Comparison DARA Hamvention • 36 views • 2 days ago
12		DXpedition to Micronesia DARA Hamvention • 205 views • 4 days ago	29		Thursday Night Fun with FT NCCC Sprint DARA Hamvention • 26 views • 5 days ago	1	20		Lightning Protection for Communication Towers DARA Hamvention • 63 views • 2 days ago
13		W8S DXpedition Swains Island 2023 DARA Hamvention • 219 views • 4 days ago	30		Eclipse Ballooning DARA Hamvention • 41 views • 5 days ago	1	21		PIER Review Method of Circuit Analysis DARA Hamvention • 21 views • 2 days ago
14		TX5S Clipperton Island DXpedition 2024 DARA Hamvention • 493 views • 4 days ago	31		WSRPDaemon - High Resolution Propagation Measurements DARA Hamvention • 60 views • 5 days ago	1	22		Suppression Ferrites DARA Hamvention • 107 views • 2 days ago
15		POTA Forum 2024 DARA Hamvention • 590 views • 4 days ago	32		Super Outbreak - 50 Years Later DARA Hamvention • 73 views • 5 days ago	8	23		DX Marathon Program DARA Hamvention • 50 views • 2 days ago
16		DXpedition Tutuila Island 2023 DARA Hamvention • 96 views • 4 days ago	33		FOEIS Events Results for the 2023 SEQP and GSS DARA Hamvention • 12 views • 5 days ago	1	24		Getting Started in HF DARA Hamvention • 131 views • 2 days ago
17		2024 Youth DX Adventure DARA Hamvention • 21 views • 4 days ago				1	25		In-Station Bonding for Home HF Stations DARA Hamvention • 240 views • 2 days ago

ARRL National Convention Forums-

www.youtube.com/playlist?list=PLuapIzKwhZN8LFSdPtmLRv8BLhhAVikId

- | | | | | | |
|---|---|--|----|---|--|
| 1 |  | 5 Tips for a Successful POTA Activation | 7 |  | Beyond Repeaters: See How Far Your Tech Class License Can Take You |
| 2 |  | Ground is a Myth! | 8 |  | Tips for Successful Radio Clubs |
| 3 |  | Intro to Node Red | 9 |  | ARRL Contest Program Update |
| 4 |  | ARRL Membership Forum | 10 |  | ARES, SAFECOM, and Building Relationships |
| 5 |  | Enhancing Transmitter Performance:
The ARRL Clean Signal Initiative | 11 |  | Good Operators and Interference |
| 6 |  | Youth Outreach Through Amateur
Radio STEM Education | | | |

Dayton Hamvention Award

I was honored and humbled to receive the “Special Achievement Award“ at this year’s Hamvention (<https://hamvention.org/event-details/awards>).



That’s it for this month. I hope to hear you on the air operating during Field Day this month. I will be operating as W8VPV with the Cuyahoga Falls Amateur Radio Club. If you missed last month’s Ohio Section Journal, I had a number of FD resources that I shared- <https://arrl-ohio.org/news/2024/OSJ-May-24.pdf>.

73, Anthony, K8ZT (k8zt@arrl.net)

*From the Section Traffic Manager
David Maynard, WA3EZN – STM*

wa3ezn@att.net





ARRL Field Day

ARRL Field Day is the most popular on-the-air event held annually in the US and Canada. On the fourth weekend of June, more than 35,000 radio amateurs gather with their clubs, groups or simply with friends to operate from remote locations.

Field Day is getting pretty close now.

Has your club:

- Created a Facebook Event? (Facebook pages can create events, Facebook groups cannot, but a member can create the event and include the group)
- Created events on community calendars?
- Requested a city or state proclamation?
- Sent invitations to elected officials?
- Sent invitations to served agencies?
- Made an entry on the ARRL Field Day Locator?
- Designated a Public Greeter? (See Rule 7.3.3. Public Location)
- Ordered copies of brochures and flyers?
- Come up with an informational display?
- Ordered any banners, flags, or signs?

And maybe most importantly, have you figured out what is on the menu? Chili? Brisket? Turkey in Mole Poblano? Beer Can Chicken? Couscous?

You can still download the Field Day Packet from the ARRL website. It contains the rules, along with a lot of clarifications, examples, hints, and FAQs.

As for reports that the ARRL was hacked or the victim of ransomware, that is purely speculation at this point. And despite what some online tech pages have claimed, the ARRL has not stated nor have they confirmed any such thing and those reports that they have are complete

fabrications. All we know is some parts of the ARRL services are unavailable. Please, do not spread rumors or add to the speculation.



K8BSR will be participating as an 8A, out of **Wauseon, Ohio**. We're looking forward to getting y'all in our logs. Good luck to everyone taking part, have fun, and stay safe.

The **Warren (Ohio) Amateur Radio Association** will be having their 2024 Field Day site at Mosquito Lake State Park in the Marina Area the end of June, In the same location as we had Ohio State Parks on the Air last year, and also Field Day the last two years I have been a member, we will probably have enough equipment on hand to cover every band, me personally I will be on some band (Probably 20, I always end up on 20 meters) splitting between SSB and Digital operation, anyone close can come out and see us

The [Van Wert Amateur Radio Club](#), W8FY will be hosting it's annual Field Day event at the Van Wert County Emergency Management Agency site again this year, operating 4F from OH. SSB, CW, DIG. we are listed on the ARRL fd locator. 73 to all. [#ARRLFD](#)

The [Lancaster Amateur Radio Club](#), W2SO will be hosting it's annual Field Day event at the AG2AA site again this year, operating 5A from WNY. SSB, CW, DIG. we are listed on the ARRL fd locator. 73 to all. [#ARRLFD](#)

N8IHI Ashland Area Amateur Radio Club

Brookside West park

Ashland, OH

GOTA: YES

Talk-in: 147.105/R or 145.75

Contact: Robert Palm

14196851860

kd8ftr@yahoo.com

K8ES Delaware Amateur Radio Association

4363 Route 36 West. Township Park

Delaware, OH

GOTA: YES

Contact: Robert Dixon

6143090225

w8erdbob@gmail.com

k8es.org



Get the kids involved

[Field Day Station Locator \(arrl.org\)](http://arrl.org)

W8UCO

Union County Amateur Radio Club
40.29845448081344, -83.47253838498095
OH

GOTA: no

Talk-in: -145.350 ctcss 127.3Hz

Contact: Ed Liddle

614-804-6569

ke8anu@arrl.net

<https://ohiohams.net>

W8VP

Cambridge Amateur Radio Association
40.0495168, -81.7392942
New Concord, OH

GOTA: no

Talk-in: 146.850 MHz, PL 91.5

Contact: Linda Alfman

7408723888

lynalfman@aol.com

K8SCH

OH-KY-IN ARS
4353 West Fork Rd
Cincinnati, OH

GOTA: YES

Talk-in: 146.67-

Contact: Eric Neiheisel

5133001619

n8yc123@gmail.com

W8FT

Findlay Amateur Radio Club
1333 W. Sandusky St.
Findlay, OH

GOTA: YES

Talk-in: 147.15/75

Contact: Bill Kelsey

419-348-0457

n8et@woh.rr.com

w8ft.org

[Field Day Station Locator \(arrl.org\)](http://arrl.org)

2024 ARRL Field Day is June 22-23

[Rules and Resources](#) | [Facebook Group](#) | [T-shirts & Gear](#) | [Join ARRL](#)

ARRL Field Day is always held on the 4th full weekend in June.

Jump to the [Field Day Rules](#) Page. Other Field Day resources are available below.

Follow 2024 Field Day preparations with the news and stories below (stories will be added as they are available, so check back):

New to Field Day? START HERE!

Field Day is ham radio's open house. Every June, more than 40,000 hams throughout North America set up temporary transmitting stations in public places to demonstrate ham radio's science, skill and service to our communities and our nation. It combines public service, emergency preparedness, community outreach, and technical skills all in a single event. Field Day has been an annual event since 1933, and remains the most popular event in ham radio.

["What Is Field Day" \(Printable PDF Flier\)](#)

We welcome the public to come learn more about ham radio! Use our [Field Day Locator](#) to search for a Field Day site near you.

Field Day on Social Media!

t

Rules and Resources

- **Objective-**
To contact as many stations as possible on the 160-, 80-, 40-, 20-, 15- and 10-Meter HF bands, as well as all bands 50 MHz and above, and to learn to operate in abnormal situations in less than optimal conditions.

Field Day is open to all amateurs in the areas covered by the ARRL/RAC Field Organizations and countries within IARU Region 2. DX stations residing in other regions may be contacted for credit, but are not eligible to submit entries.

Each claimed contact must include contemporaneous direct initiation by the operator on both sides of the contact. Initiation of a contact may be either locally or by remote.

- **Dates (Always the 4th Weekend in June)+**
- **Bands and modes+**
- **Field Day Entry/Results Submission Deadline+**
- **Terms Of Entry+**
- **Contact Information+**
- **Awards+**
- **Rules, Entry Forms and Information Packets+**
- **Field Day Site Locator+**
- **Field Day Logos+**
- **Results+**

- [Field Day Logging Software+](#)
- [Field Day Supplies & Promo Posters+](#)
- [Formas y Reglas en Español+](#)
- [Media, Public Relations, & Public Service Announcements](#)

www.arrl.org

Have Fun and Send me a Radiogram

73

DAVID WA3EZN

Hilliard Ohio – no address needed

OHIO SECTION TRAFFIC MANAGER



Amanda Farone, KC3GFU

ARRL Ohio Section | Affiliated Club Coordinator

Afrone926@gmail.com

330-509-4095

As we enter what is always the busiest month of radio for me, I'd like you to sit back and ponder your favorite annual radio activities that you participate in. This month for me kicks off with one of my favorite volunteer public service activities, the Southern Ohio Forest Rally! You've seen John write about this event in his South 40 column. This is my and my husband's (WF8U) 3rd year in a row volunteering. This is a fantastic event to learn from and bring those ideas and

skills back to your community to help improve the events your club volunteers for. Plus, who doesn't love some rally racing through the forest? You get a front-row seat! I highly recommend volunteering if you ever get the chance. You won't regret it! If you are already signed up and you see me on the course, don't hesitate to say hello! In the same weekend as SOFR, we have Breezeshooters hamfest. While this is not an Ohio hamfest, it isn't far from the western border in our neighboring Pennsylvania. This fairly large hamfest is worth the stop if you can make it. You can find all the information at breezeshooters.org.

The next BIG event happening in June is, of course, Field Day. This is one of my top 5 annual events of the year. I will be out and about, planning on Northeastern Ohio this year. I will be hitting as many sites as possible, starting my journey Friday morning and going as long as possible on Sunday. Please share your site location information on the Field Day Site Locator. This will be my Field Day bible for the clubs I will be stopping by. If I can't find your information, there's a good chance I won't be stopping, and neither will any other prospective or new hams. Please ensure your information is out there so you have a great turnout! You can find the Field Day Station Locator at arrl.org/field-day-locator. You can find all documents and information about Field Day 2024 at field-day.arrl.org. You can also purchase some swag from the ARRL store to add to the fun! Let's make this the best Field Day yet, and always remember to "Be Radio Active"!

The last thing I'd like to talk about is the Club Grant Program for 2024. I encourage every single club in the Ohio section to apply! I know every single one of you has projects or at least an idea that could be brought to fruition. Applications will be accepted starting June 3rd through July 26th. Grants are available up to \$25,000! Your club does NOT need to be 501©(3) or a nonprofit to be eligible. Examples of projects include but are not limited to: get on the air projects; ham training and skills development through mentoring; STEM and STEAM learning through Amateur Radio; station resources for use by the ham community; and emergency communications and public service projects that emphasize training. You can find more information at arrl.org/club-grant-program.

In conclusion, for those of you who might be curious after reading this what my top 5 annual radio events are, I'll give into the fun and tell you. In no specific order: OSPOTA, Hamvention, Field Day, Winter Field Day, and Southern Ohio Forest Rally!



Hey Guys...

As that the ARRL list server is not operational at this time, here's a link to the June Great Lakes Division Newsletter... Please pass this link on to everyone in your Section!!

https://arrl-greatlakes.org/glnews/2024/06-radio_waves.pdf

73,

Scott, N8SY

Scott Yonally, N8SY
Director
Great Lakes Division

ARRL - The National Association For Amateur Radio

n8sy@n8sy.com

419-512-4445

419-756-5046

National News
(from ARRL and other sources)

Solar Activity Significantly Affecting Ionosphere, FCC Opens Docket for Comments on Impact

Aurora Propagation, Northern Lights

The sun has been busy, and it's been a mixed bag for radio amateurs. Earlier this month, millions of people got a chance to see the aurora borealis for the first time, as the northern lights were active farther south than they had been in decades. The brilliant displays, visible as far south as Mexico, were a result of a series of coronal mass ejections. The energy from our star interacted with particles in the upper atmosphere, causing them to glow in dancing curtains of multicolored light.



The aurora borealis visible in The Berkshire Mountains of Massachusetts on May 11. [Photo courtesy of Sierra Harrop, W5DX]

VHF aurora activity was up significantly, according to DX spotting clusters and activity heard on the air. The 2- and 6-meter bands were especially active, as the aurora acted like a reflector in the sky to enable signals to propagate much farther than they normally can on those bands.

G5 Storm Significantly Impacted Ionosphere

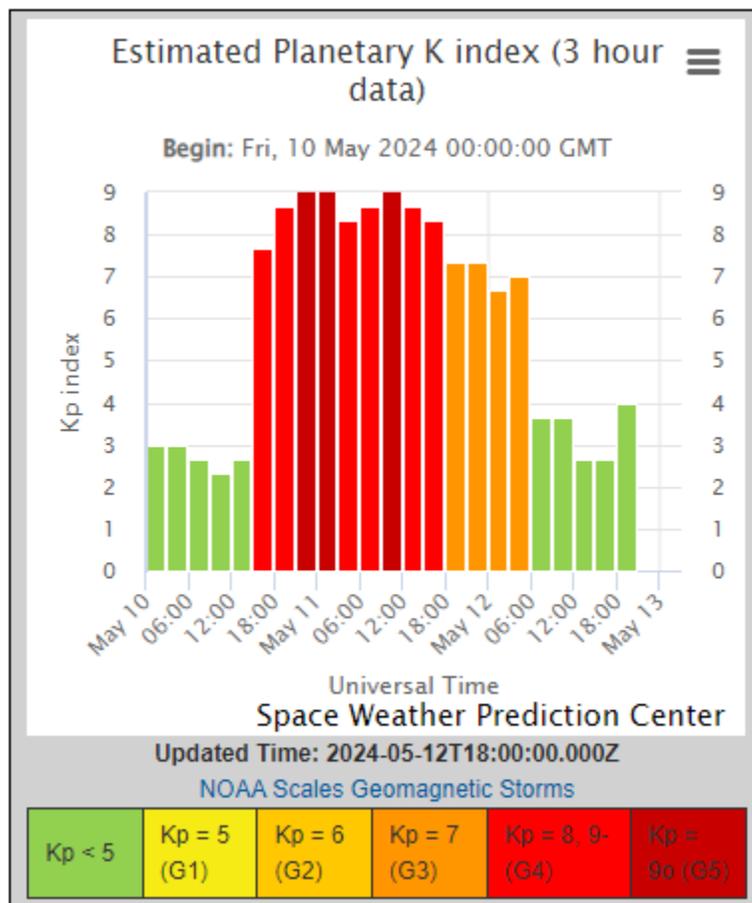
ARRL Central Division Director Carl Luetzelschwab, K9LA, is a leading expert on propagation. He's provided the following analysis of the situation:

May 10, 11, and 12 of 2024 may go down as one of the greatest space weather storm periods of our lifetimes. It all started with two big sunspots in early May. These two big sunspots were identified as AR3663 (in the northern solar hemisphere) and AR3664 (in the southern solar hemisphere). AR stands for Active Region.

Both of these sunspot regions produced multiple M-class and X-class solar flares, which caused radio blackouts (signals were significantly attenuated) on the sunlit side of Earth. Typically, a radio blackout lasts for an hour or so, is most severe on the lower frequencies, and is due to the x-ray radiation from the solar flare increasing D-region absorption.

Not only did the big solar flares cause radio blackouts, they also caused solar radiation storms due to energetic protons that increased ionospheric absorption in the D region in the polar caps (the area inside the auroral ovals). Solar radiation storms can last for a couple of days and can result in degraded propagation on over-the-pole paths.

But the biggest impact to propagation started on May 8, when AR3664 released multiple Earth-directed CMEs (coronal mass ejections). CMEs manifest themselves as geomagnetic storms by significantly increasing the 3-hour K index. The K index indicates the activity of the Earth’s magnetic field and ranges from 0 (quiet) to 9 (extremely disturbed).



The image (from <https://www.swpc.noaa.gov/>) shows the [data from May 10 - 12]. When the K index is this high for such a long time, the electron density in the F2 region of the ionosphere can be significantly depleted for days, not allowing higher frequencies to be propagated. On-the-air activity confirmed this.

In summary, early May was a very interesting period. We saw all three categories of disturbances to propagation — radio blackouts (x-ray radiation from solar flares), solar radiation storms (energetic protons from solar flares), and geomagnetic storms (elevated K indices).



FCC Opens Comments About CME Comms Impacts

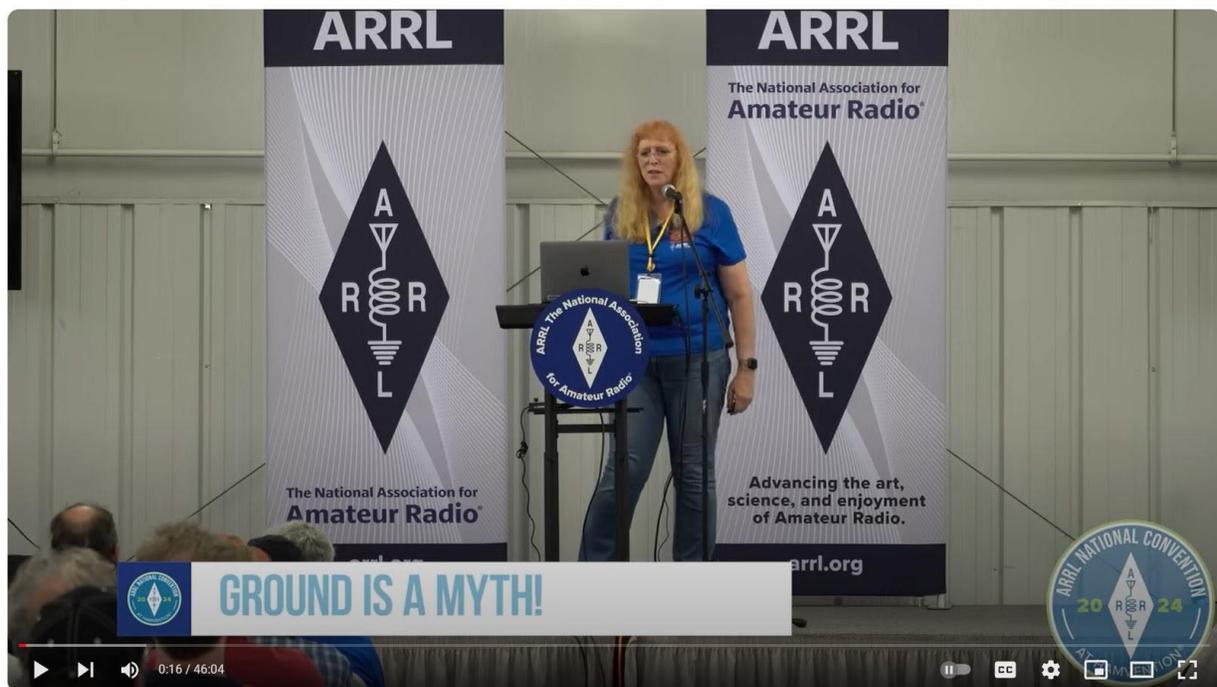
The Federal Communications Commission’s Public Safety and Homeland Security Bureau wants to know if you noticed any impacts to radio communications during the storm. In a public notice, the FCC wrote:

To better understand the impacts of the geomagnetic storm on the U.S. communications sector, the Bureau is requesting information from communications service providers and the public regarding disruptions in communications between May 7 and 11, 2024, that it believes to be a result of the storm. The Bureau is encouraging commenters to provide any available evidence, particularly electromagnetic spectrum analyses, imagery, or chronological logs relating the storm’s impacts. Where possible, the Bureau asks that commenters include the description of the impacts; make and model of affected communications equipment, which could include transmitters, receivers, transceivers, switches, routers, amplifiers etc.; make, model, and type of affected antennae and their composition; frequencies affected; type and composition of cable adjoining communications equipment and the antennae, if applicable; duration of the impact; and any residual effects observed in the hours following restoration.

The public notice is [at this link](#) (PDF). Comments may be submitted using the FCC’s Electronic Comment Filing System (ECFS) at <https://www.fcc.gov/ecfs> and referring to PS Docket No. 24-161. ARRL’s guide to filing comments is at this link: <https://www.arrl.org/arrl-guide-to-filing-comments-with-fcc>.

Ground is a Myth!

Every ham knows about grounding, right? What if what you've been told isn't exactly true? ARRL First Vice President Kristen McIntyre, K6WX, tackles this topic in a compelling presentation called "Ground is a Myth!" She lays out the case that ground means different things at different times and in different cases, and that much of what many operators have accepted as fact may just be legend. The presentation was a part of the 2024 ARRL National Convention forums hosted at Dayton Hamvention and may be seen on [YouTube](#).



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 you 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



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.*

AE8FP Amateur Radio Test Team administers ARRL-VEC testing in the Central Ohio area. Our test dates for 2024 are as follows: January 20, April 27, July 20, and October 19. Time and location for these dates are 10:00am at the Westerville Fire Station #111, 400 W. Main St in Westerville, Ohio. The listed dates are co-sponsored by the Central Ohio Radio Club (CORC).

Pre-Registration is required, and open the 1st of each testing month. All information is available at www.ae8fp.net <<http://www.ae8fp.net/>>

Alliance Amateur Radio Club

The Alliance Amateur Radio Club holds quarterly VE testing, at the Christ United Methodist Church in Alliance. The address is 470 E. Broadway St, Alliance, OH (<https://maps.app.goo.gl/prDyEPp6siJun2ibA>).

Upcoming Exam Dates are

Saturday, March 16th, 2024

Saturday, June 15th, 2024

Saturday, August 10th, 2024

Saturday, October 19th, 2024

We begin registration at 8 AM, with testing at 9am.

More information can be found at www.w8lky.org/licensing/ve-exams/.

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.

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 10th; Apr 13th; Jun 8th; Aug 10th; Oct 12th; and Dec 14th, 2024. 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

The Findlay Radio Club

The Findlay Radio Club sponsors an Exam Session the second Saturday of every month except September when we have our Hamfest. The Exam Session takes place at the Findlay Radio Club, 1333 West Sandusky St., Findlay Ohio 45839. The session begins at 9 AM. Pre-registration is recommended, but not required. You can pre-register at hamstudy.org. We can also give Exams remotely on-line on your schedule if you can't make to a session.

The club has meetings on the first and third Thursdays at the clubhouse at 7:30 PM. The meetings are also available on Zoom. Contact N8ET if you would like to log in. All are welcome.

We also meet at the club on Sunday afternoon from 2 until 5 (or later!) to talk about anything Ham Radio. The sessions are geared toward new Hams. Everyone brings their questions and equipment they would like to show off or learn how to use. This Sunday we are going to install and learn to use Flgigi, Flmsg, and Flamp. In past sessions we have built antennas, fired up new rigs, and generally had a good time!

The next meeting (Feb 15) will cover the same topic. Bring your laptop!

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 2024 are Jan 14, March 10, May 12, July 14, Sept 15, and Nov 17, 2024. All sessions are at 2:00PM each month



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 paper work 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 Jackie Welch, N8JMW by email n8jmw2@gmail.com or calling at 440-228-2716. More information is available from 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 **2024** Amateur Radio license exams at the **Kirtland Library**, 9267 Chillicothe Road, on the following dates:

Saturday, February 3	Saturday, August 3
Saturday, April 6	Saturday, October 5
Saturday, June 1	Saturday, December 7

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

LISBON AREA AMATEUR RADIO ASSOCIATION (LAARA) 2024 SCHEDULE.

VE TESTING IS AT THE COLUMBIANA COUNTY EMERGENCY MANAGEMENT AGENCY
AT 215 SOUTH MARKET STREET, LISBON, OH 44432.

SIGN IN AT 1 PM AND TESTING AT 1:30 PM.

VE TESTING DATES FOR 2024

JAN 13; FEB 10; MAR 9; APR 13; MAY 11;
JUN 8; AUG 10; SEP 14; OCT 12; NOV 9; DEC 14.

WE CAN ALSO GIVE THE TEST AT OUR REGULAR MEETINGS THAT ARE NORMALLY ON THE 3RD THURSDAY OF EACH MONTH. LAARA MEETINGS ARE HELD AT THE COLUMBIANA COUNTY EMERGENCY MANAGEMENT AGENCY AT THE SAME ADDRESS AS ABOVE. SEE THE K8GQB.COM WEB SITE FOR UPDATES.

MEETING TIME IS 6:30 PM.

WE HAVE ACTIVITY MEETINGS ON THE ODD MONTHS AND BUSINESS MEETINGS ON THE EVEN MONTHS.

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)

Six VE testing sessions in 2024. Registration is appreciated but walk-ins are welcome. Contact Elaine, KC8FOS for more information or to register. ewilkinson1951@gmail.com or 216-337-4235

Saturday, Jan 6. Fairview Park Library. 21255 Lorain Rd., Fairview Park. 10 AM.

Sunday, March 10. NOARS Hamfest. Lorain County Community College. 1005 Abbe Rd. N., Elyria. 9 AM.

Saturday, May 4. Fairview Park Library. 21255 Lorain Rd., Fairview Park. 10 AM.

Saturday, July 20. NOARSfest. Lorain County Community College. 1005 Abbe Rd. N., Elyria. 9 AM.

Saturday, September 7. Fairview Park Library. 21255 Lorain Rd., Fairview Park. 10 AM.

Saturday, November 2. Fairview Park Library. 21255 Lorain Rd., Fairview Park. 10 AM.

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.

Silvercreek ARA (SARA)

Hold six exam sessions per year for all license classes. Pre-registration requested but not required. Exam sessions for 2024:

Saturday, February 3rd - Wayne County Justice Center (Wooster)
Saturday, April 6th - Sharon Center UMC (Wadsworth/Medina)
Saturday, June 1st - Sharon Center UMC (Wadsworth/Medina)
Saturday, August 3rd - Wayne County Justice Center (Wooster)
Saturday, October 5th - Sharon Center UMC (Wadsworth/Medina)
Saturday, December 7th - Sharon Center UMC (Wadsworth/Medina)

All sessions begin at 10:00am. For directions and test information visit <https://w8wky.org/license-exams/>. Pre-Registration to expedite paperwork is requested, but not required at <https://w8wky.org/sara-ve-registration-form/>. Sign up and if you aren't ready or can't make it, just notify the VE team lead.

West Chester Amateur Radio Association (WC8VOA) Exam sessions are held one Saturday each month at 10:00 AM-Noon at the VOA Bethany Relay Museum located at *8070 Tylersville Rd, West Chester, Ohio 45069*. For more information and links to register, please see our website: <https://wc8voa.org/licensing/>

Your Club news should be listed here!

I know you're out there doing things! Send me a write-up (MSWord please) and some photo's (.jpg please) and we'll get your club hi-lited here for the other OH Section Clubs to see! Send to WB8LCD@ARRL.ORG

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

DX This Week - 06012024

Bill - AJ8B (thedxmentor@gmail.com / www.aj8b.com)



Even though the sunspots are going our way, the overall propagation has been tough at times! However, that should show you two things. First, you should appreciate what the past 18 months have been like and eagerly look forward to the next 18 months or so! When we have “bad” days now, they are still as good, or better, than any days we had at the bottom of the cycle! Secondly, there is still DX to work, but on days like we have had recently, you really have to **WORK** them.

I have no issues with any modes that a person chooses to use and I keep all of them in my DX toolbox. However, working 3W9A on CW and pulling him out of the noise after a long session was **VERY** satisfying.

Don't always trust the cluster! I don't spot something until after I need it. Why add to the competition?

The postman was very nice to Joe, W8GEX, over the past two weeks. Joe received cards from YI3AA – Ahmed in Iraq, AP2NK – Nasir in Pakistan, and E44YL – Elvira in Palestine. I always ask, “What did you receive?” Joe sent them to me.



Thanks Joe!

DAH DIT DIT DIT DAH DAH DIT DIT DIT DAH

Here is what is happening in the World of DX:

This section of DX News comes from Bernie, W3UR, editor of the DailyDX, the WeeklyDX, and the How's DX column in QST. If you would like a free 2-week trial of the DailyDX, just drop me a note at thedxmentor@gmail.com

FT#G, **Glorioso Islands**, is on the air! FH4VVK, Marek, has now been on the air as FT4GL for over a week. Marek's activity is intensive, and he carries it out in spartan conditions at the station, which is also his workplace and place to sleep – but he is getting very little sleep.

As with most DXpeditions, there have been logistical issues. The originally-planned location had air conditioning problems. Another room was found, but it was “more cramped.” Also, the initial antenna installation had to be modified “with difficulties in optimizing the choice of locations in view of the structures present.”

Marek was able to complete the installation of the second Hexbeam, so for the moment there are two Hexbeams, a vertical for 40-10M, a vertical for 30m, and a five-element beam for 6M; the 160/80M vertical still has to be assembled.

Two stations are active as planned. Some electrical problems have been reported with the inverters, resulting in some temporary outages, as well as interference linked to equipment external to the installations, which is being resolved. There has also been a problem with an amplifier.

Logs are posted online daily, either in the morning or evening following the previous day's traffic. For all requests, contact f8crs@protonmail.com who is responsible for checking and possibly validating the requests. As of May 26, with more than 16,000 QSOs, the dupe rate is decreasing.

The organizers have received requests for low bands, 6M, and RTTY QSOs. They ask the community to be patient: the operation has just started and will last three weeks. “As a reminder, Marek is alone and cannot respond to all requests; the priority is ATNOs. Our pilots are starting to give us feedback in order to direct traffic more precisely to satisfy the greatest number of operators.

JD1/M - Minami Torishima - JG8NQJ, Take, plans to be back at his weather station job on Minami Torishima starting June 20. He will be there and QRV in his

spare time as JG8NQJ/JD1 for three months. Listen for him mainly on CW and possibly some FT8. Take is running an ICOM IC-706 at 50W to an HB9CV antenna (18/21 MHz). QSL via LoTW and JA8CJY.

The Mediterraneo DX Club XT2MD DXpedition to **Burkina Faso** website is now up and running. The site includes information about the band plan, equipment and antennas, operators, and QSL policy.

5U – Niger - 5U5K with IV3FSG, Elvira, operating, is June 6-20. Elvira will be on SSB, FT8/FT4 MSHV multi-stream, RTTY and possibly a little CW, on the 160-6 meter bands. This is grid JN13bm. Back at home, IK0XBX, Francesco, will pilot. Her target transmit frequencies can be found at <https://www.qrz.com/db/5U5K> For 5U5K, QSL direct via IK2DUW.

SV9 – Crete - SV9/DK5EW, Erwin, plans an operation May 30 to June 20, 6 and 4M only. First, grid KM35 May 30 to June 5, then grid KM15 June 8-20. <https://dk5ew.com/> QSL through LoTW, eQSL or direct to DK5EW.

HK0/M - Malpelo Island - Members of the Board of Directors of Liga Colombiana de Radioaficionados (LCRA) have announced plans to activate Malpelo Island with hopes this project will take place in February 2026. HK0/M was last on the air in 2012. More details such as dates, team members will be announced after the needed permits have been acquired. QRX for more details. <https://lcra.org.co>

VU4 - Andaman and Nicobar Islands By The Dx-Adventure Team
Dx-Adventure is proud to announce its next DX-Pedition, to take place in the first quarter of 2025. Our international team, consisting of over 10 experienced operators, is eager to embark on this adventure.
This time, we're focusing on the Andaman & Nicobar Islands VU4, currently ranked at place 54th of the most wanted DXCC entity. During this DX-Pedition, we'll be active on all bands, using CW, SSB, and digital modes. This offers a fantastic opportunity for radio amateurs worldwide to work this DXCC | IOTA. More news later on our website www.dx-adventure.com Stay tuned for the latest news and details.

Best regards,
The Dx-Adventure Team

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!

Contest	Start Date	End Date
ARRL June VHF Contest	6/8/2024	6/10/2024
All Asian DX Contest, CW	6/15/2024	6/16/2024
West Virginia QSOP	6/15/2024	6/16/2024
IARU HF World Championship	7/13/2024	7/14/2024
North American QSO Party - CW	8/3/2024	8/4/2024
10-10 Intl. Summer Contest, SSB	8/3/2024	8/4/2024
WAE DX Contest - CW	8/10/2024	8/11/2024
Maryland-DC QSOP	8/10/2024	8/11/2024
North American QSO Party - SSB	8/17/2024	8/18/2024
World Wide Digital DX Contest	8/24/2024	8/25/2024
Hawaii QSOP	8/24/2024	8/25/2024

Ohio QSOP	8/24/2024	8/25/2024
Kansas QSOP	8/24/2024	8/25/2024

OHIO'S



Now that another outstanding Hamvention and Memorial Day observations are behind us, we can tear off another page on the calendar. Doing that finds us entering the mid-year month of June. Traditionally it's a month filled with weddings, anniversaries, graduations, Flag Day, picnics, vacations and Field Day. So let's jump right into the events and happenings kicking off the start of a busy amateur radio summer.

June 1 marks the start of the annual 16 day Lewis and Clark Trail On The Air operating event when 28 clubs along the Trail take to the air to represent their respective states the Trail passes through. Since the event's start the **Portsmouth RC** has represented Ohio. The objective of the event is similar to the popular "13 Colonies" and "Route 66" events. That is to contact at least one authorized club station in each of the 16 states along the Trail to earn a certificate of achievement. Organizers felt another Ohio club was needed to service those seeking contacts and invited Hillsboro's **Highland ARA** to join. More information is available at www.info.lctota.org as well as well as an activation schedule.



Those enjoying amateur radio and motor sports are in luck. The sponsors of the Southern Ohio Forest Rally are still in need of radio amateurs to assist with this year's three day event that starts in Chillicothe's Yochtangee Park on Thursday, June 6. The following day events move to the Shawnee State Forest and on the 8th things get lively at the Zaleski State Forest. Besides the need for radio operators, there are other non-radio opportunities to assist. Check the www.southernohioforestrally.com website for more information and how to apply to become a volunteer.

Unfortunately there are no hamfests or swapfests in the region for the next couple of months. So if Hamvention got your hamfest juices flowing, you'll have to drive a bit to take in one. One I've been to a few times is sponsored by the **Breeze Shooters** and is listed as the largest hamfest in Western Pennsylvania and its tri-state region. It will be on Sunday, June 9 at the Butler Farm

Show Grounds at Butler, PA. An interesting note is that in addition to giving amateur radio exams they also conduct commercial ones. You may find their flyer and a lot more information at www.breezeshooters.org. Getting closer to home on August 3 the Columbus Hamfest will be held at the Shrine Center in Grove City. The **Milford ARA** sponsored Cincinnati Hamfest is the following Saturday, August 10, at the Clermont County Fairgrounds in Owensville. On the 17th, the annual **Portsmouth RC** Hamfest will take place in New Boston. The **Buffalo 10 Meter Net**'s 4th annual swap meet is Saturday, September 21. It is held in conjunction with the annual Leavitt Funeral Home's Festival and Car Show. The **Scioto Valley ARA**'s hamfest will be October 5 at the Pike County Fairgrounds at Piketon. A new hamfest entry this year is the **W8VCO Vinton County ARA** swap fest on October 26 at the community building in McArthur.

The ham population of Cambridge has grown by another new ham being added to the roll. Let's welcome Kane Spencer who is now KF8BJI.

June kicks off a round of new meetings and gatherings for the many clubs in the South 40 region. During the early weeks some of the clubs meeting are the **Portsmouth RC** on Monday, June 3 at the American Legion post. On the 6th the **Clinton County ARA** will meet at the Cancer Center in Wilmington at 7:30. On June 8 the **Highland ARA**'s Brunch Bunch will meet at the Hillsboro City Park at 10 AM. Earlier in the morning the **Bainbridge Area Hams** will meet at 8 at the Dutch Restaurant. On the 11th the **DeForest ARA** will meet at their Field Day site in West Union. This is a change from their usual meeting location and will feature a picnic. HARA Vice President John Willis, KE8JEM, reminds HARA members of a change of location for the Club's the June 11 business meeting. The 7 PM meeting will be at the historic Hillsboro Scott House on West Main Street-the new site for the Club's Field Day operation.

You can count on Field Day plans being discussed at many of these meetings. **All Things ARA** will operate from the Alley Park, Old Logan Road, in Lancaster. This year the **Athens County ARA** will operate as K8V from the Athens County Fairgrounds. The **Cambridge ARA** returns to the Grove Park north of New Concord. The **Clinton County ARA** returns to last year's K8GO site at 1020 Farmer's Road outside of Wilmington. The **DeForest ARC** will hold their FD at 482 Rice Drive in West Union. The **Highland ARA** is relocating this year and will operate K8HO from the historic Scott House at 335 West Main Street at the edge of Hillsboro's business district. The **Hocking Valley ARA** will hold their Field Day operation at the Hocking County Fish and Game Association's facilities on Blosser Road near Logan. In the London area, the **Madison County ARC** will set up shop at 75 Middle Street in London. The **Milford ARA** will operate Field Day only on Saturday from 2 pm until the park closes at dusk. Their operation will take place at the Clepper Pike Pavillion A on Summerside Road. Another club making a location change is the **OH-KY-IN ARS**. This year they are changing their FD location to the Masonic Lodge on West Fork Road. The **Tri-State ARA** is looking forward to the event and will be testing some Eagle One antennas in preparation for the event. A look at the

ARRL Field Day Locator indicates a lot of clubs in the region have not registered their participation on the site. Please do that so others will know your club intends to be active.

We all know that hams like to eat and socialize. And what draws them together fast is free food. Thus the annual **Athens County ARA**'s club picnic will be held on Tuesday evening, June 18. According to President Eric McFadden, WD8RIF, it will be held at the Dairy Lane picnic shelter in Athens and will get under way at 5:30. The Club will furnish burgers, brats and buns. Members are requested to bring a side dish and their drinks and table service. In Adams County, the **DeForest ARC** will have a picnic preceding their June 11 meeting at the West Union Field Day site. The traditional **Highland ARA** Field Day picnic will be held at the Hillsboro Scott House FD site on Saturday evening. More info to come.

Our good friend Chris Scott, KN8E, has decided repeater ownership is no longer his cup of tea. Therefore he has decided to find a new home for his Yaesu DR-2x set up. The equipment was bought new about three years ago. He would like to trade for something like an ICOM IC-756 Pro II or Pro III or a Yaesu FT-1000mp, but he is open to offers. He will also work to transfer the present frequency pair to the new owner. For more information contact him at 937-798-1372.

At the beginning of the column I noted June is a month noted for weddings and therefore anniversaries. One I want to call attention to is that of our own Ohio Section Manager Tom Sly and his wife Mary. It's hard to believe this child bride will on June 6 have been putting up with Tom for 50 years! Congrats and best wishes for many more to a great couple. How about helping them observe the occasion by dropping them a card?

That's it for this time out. However before I sign off, I hope to run across some readers during the Lewis and Clark Trail On The Air event. I will be one of the HARA K8HO operators during the event. In the meantime I hope everyone of you have a great and safe summer.

John Levo, W8KIW

jlevo@cinci.rr.com or highlandara@gmail.com or 937-393-4951 (landline-leave a message)

ARLD019 DX news

No report from ARRL this week

Upcoming Hamfests

We **DO** have hamfests scheduled for 2024!!



Ohio Hamfests

2024

07/06/2024 - Mansfield Mid Summer Trunkfest

Location: Mansfield, OH

Type: ARRL Hamfest

Sponsor: Intercity Amateur Radio Club

Website: <http://W8WE.ORG>

Learn More

07/20/2024 - NOARSFEST

Location: Elyria, OH

Type: ARRL Hamfest

Sponsor: Northern Ohio Amateur Radio Society

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

Learn More

07/20/2024 - Ashtabula County Hamfest 2024

Location: Pierpont, OH

Type: ARRL Hamfest

Sponsor: Amigos Radio Club Ashtabula

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

Learn More

07/21/2024 - Van Wert Hamfest

Location: Van Wert, OH

Type: ARRL Hamfest

Sponsor: Van Wert Amateur Radio Club

Website: <http://w8fy.org>

Learn More

08/03/2024 - 2024 Columbus Hamfest

Location: Grove City, OH

Type: ARRL Hamfest

Sponsor: Aladdin Shrine Audio Unit

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

Learn More

08/10/2024 - Cincinnati Hamfest

Location: Owensville, OH

Type: ARRL Hamfest

Sponsor: Milford ARC

Website: <https://CincinnatiHamfest.org>

Learn More

<p>08/18/2024 - Warren Hamfest Location: Cortland, OH Type: ARRL Hamfest Sponsor: Warren Amateur Radio Association Website: https://www.w8vtd.com/ Learn More</p>	<p>09/08/2024 - Findlay Hamfest Location: Findlay, OH Type: ARRL Hamfest Sponsor: Findlay Radio Club Website: http://w8ft.org Learn More</p>
<p>09/22/2024 - Cleveland Hamfest Location: Berea, OH Type: ARRL Hamfest Sponsor: Hamfest Association of Cleveland Website: https://www.hac.org Learn More</p>	<p>10/05/2024 - Northwest Ohio Amateur Radio Club (NWOARC) Hamfest Location: Lima, OH Type: ARRL Hamfest Sponsor: Northwest Ohio Amateur Radio Club, Inc. Website: http://www.nwoarc.com Learn More</p>
<p>10/27/2024 - 2024 MARC Hamfest at MAPS Location: N. Canton, OH Type: ARRL Hamfest Sponsor: Massillon Amateur Radio Club Website: https://www.w8np.net Learn More</p>	<p>12/07/2024 - Winter Hamfest Location: Archbold, OH Type: ARRL Hamfest Sponsor: FCARC Website: https://k8bxq.org/hamfest Learn More</p>

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](#)

Final... Final

Because of continuing issues at ARRL, the list server is not available to send this out! So, If you're seeing this, please send it along so that others will no that it's now out. Along with the GLD newsletter!

A funny thing happened at Hamvention this year. I was talking with my friend Michael Kalter – W8CI and he commented that he had his 50th wedding anniversary coming up next month (June). What a coincidence – so do I! Turns out we were both doing the same thing 50 years ago on June 8th, 1974. This week, if you find a chance, send Michael and Linda a card, or even an email or text message. Wish them a Happy 50th!

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. You might want to list your location so that prospective buyers know where you're at.

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@arrloho.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://arrl-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 Kline – 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@arrl-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://arrl-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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