



“February 21st, 2022 Edition”

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please select all squares with
220Ω resistors

A 4x4 grid of 16 small images of circuit board components. Each image shows a different component, including resistors, capacitors, and integrated circuits, for a visual discrimination task. The task is to select all squares containing a 220Ω resistor.

Please select all matching images.

⏪ 🎧 ⓘ VERIFY

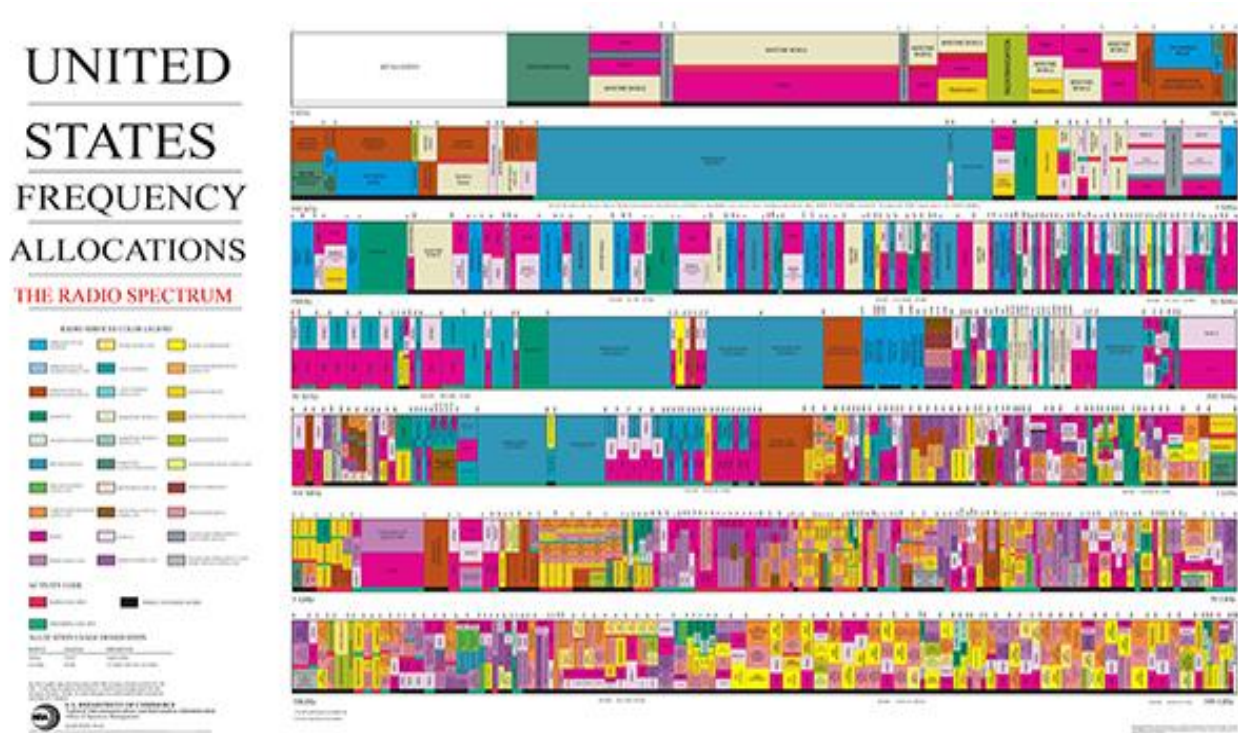
CQ CQ CQ de WB8LCD

Well now, *THAT* will definitely keep the riff/raff out! (see page 1)

I've heard a few of you out there, both on air and via emails, talking about receiving notices from ARRL regarding your 25 and 50 years of membership. Congratulations to you all for your "milestones" and Thank You for supporting the ARRL.

The League offers a lot of services for Amateur Radio operators. Through the years they have had lots of publications that no ham would want to be without – such as the "Handbook" and the "Antennabook". They also put out hundreds of smaller books, handbooks, study guides, and project books on just about every Amateur Radio topic you can imagine. They provide a tremendous amount of programming and activities for all hams to participate in.

Probably one of the most important services the League provides not only to its membership, but to ALL Amateur Radio operators, are its Lobbying efforts with the FCC, the US Government, and many other interested players in the regulation of the Amateur Radio Service. Most importantly, those involved with our frequency allocations. I would encourage you all to do some research on how the radio spectrum is allocated to the various services that use it.



Lots of times you can find vendors at Hamvention giving these away – if you do – grab a couple, they are very interesting. (unfortunately the resolution of a small image like this does not allow you to really see what's going on) When you get a chance to view one up close, you will notice that the Amateur Radio Service has some very large sections of real estate on this map! On the

third line down, just in from the left edge, you'll notice a pretty good sized green block – that's the Amateur Radio 80/75 meter allocation. Just like "real estate", they aren't making any more of it. What exists increases in value as more and more "users" of radio spectrum come into the marketplace. We, as Amateur Radio Operators, have exclusive use of this real estate. I wouldn't know how to put a value on it, but I'm sure it would be somewhere in the Billions, if not Trillions, of dollars. The ARRL is the *only* organization that represents our interest to those who decide who gets to use the real estate. If for no other reason than that, I am a lifetime member of the ARRL, and continue to support them to the best of my ability. I also appreciate those who also support the ARRL, because without all of us working together, I'm sure our allocations would disappear in rapid fashion to the interests of Government, Military and business. All of which throw way more of their resources into their efforts than Amateur Radio could ever muster together.

So, for the reasons given here, every amateur should be a member of, and support, the ARRL! I know you can find a lot of reasons not to, but they all pale in comparison to how important our spectrum allocations are to the continued existence of the hobby. And, if there are some other reasons you don't hold the ARRL in a favorable light, then get involved and make a difference. I've seen too many examples of the mindset that if things don't go my way, I'm taking my ball and going home. Probably one of the most selfish responses you could have, and one of the most detrimental to the hobby overall.

It's hard to put an actual number to it, but in my estimation, membership in the ARRL is only about 20-25% of the entire amateur radio population. Having no other real way to measure, take a look at the numbers given for elections throughout the Sections and Divisions of the League for the people not only running the programs of the League, but representing *YOU* to the management of the League. Those numbers are dismally low. Again, on average, only around 20% of the represented membership. We can do better!

If you are a member of an Amateur Radio club, you can join the ARRL through your local club! When you join ARRL through the club program, your local club gets a \$15 commission on your new membership to the League, and \$2 on your renewal of your ARRL membership. I hope all clubs in the OHIO Section are taking advantage of this. If not, have your club secretary/treasurer contact me and I'll make sure they know how to take advantage of the program.

In last week's PostScript, I mentioned that the Field Day rules for 2022 have had the temporary rules from 2020-2021 extended, in what appeared to be a permanent rule change. I've received a lot of correspondence on this and have made your comments available to anyone interested. At about the time that my comments came out last week, I also received the following:

"Despite what the ARRL press release says, the new FD rules are not actually "permanent". The decision to keep the Class D rule point credit rule in place for 2022 was the result of a Field Day survey put out to some 12,000 prior Field Day entrants, and which had almost 3,100 respondents. The result of the survey was 75% in favor of keeping the 2022 rule as it was for 2021. That is not a small margin. We let the members decide what *THEY* wanted for their Field Day this year, which I see as a good thing.

Like it or not, we are still in a pandemic situation, and many do not feel it is safe to come out their houses quite yet. That may change for 2023, and we will take another look at FD rules early next year. We could increase the points for Class A and B entrants to incentivize more Field participation.

The number of FD entrants overall have increased dramatically since the waivers were put into place two years ago. More entrants mean that more people are engaged and on the air, and there are more people for *everyone* to work. We need Class D and E stations on the air to have enough people active in the event for everybody to stay busy.

Thanks for the input, I certainly appreciate it!

73;
Mike Ritz, W7VO
Chair, ARRL Programs and Services Committee”

So, I can understand the rule changes being kept in place for 2022. At the time the decisions were being made, COVID was (and is) still a factor in almost any decision making process. I would encourage you to participate in this years Field Day and towards the end of the year, let ARRL know your feelings about whether to extend or change the rules again for 2023.

Hope to see you all soon as Hamfest Season is just about to kick off!

73,
Tom Sly – WB8LCD
ARRL OHIO Section Manager
330-554-4650t

Tom Foy – N4HAI – VP of the CRES Amateur Radio Club in the Columbus area, sent me the following link regarding the James Webb Space Telescope and 3d printing - very interesting. The most surprising part to me was the company Ball – you know, they make glass canning jars and lids – has an Aerospace division! Who would have thought that? Check it out.

<https://youtu.be/5MxH1sfJLBQ>

National News

(from ARRL and other sources)

HAMVENTION 2022 NEWS

HAMVENTION 2022 NEEDS YOUR HELP.

By [W8HJR, Media Chairman](#)

After two years without a Hamvention we are now in need of your help. We are looking for a few good hams or non-hams to rebuild our volunteer ranks. If you plan on attending and have 6 hours or more to give to the cause you can earn an admission ticket qualifying you for prize drawings, a parking pass valid for all three days of the show, and a Hamvention® cap. You can help us ensure we have the great show we had before the world was turned upside down.

To apply or get more more information go to the [volunteer page](#).

Hamvention, an official ARRL Sanctioned Event, will be held Friday-Sunday, May 20-22 at the Greene County Fairgrounds and Expo Center. For more information visit www.hamvention.org.

Dayton dinners and events have been announced. Tickets are now on sale for the 28th Annual Dayton [Contest Dinner](#) at the [Hope Hotel](#). The 2022 CQ Contest Hall of Fame inductees will be announced. The dinner is on Saturday, May 21, starting with a social hour at 5:30 PM and dinner to follow. Seating is random, and tables are set in rounds of 10. No tickets will be for sale at the door. [Tickets](#) are now available for the 32nd Dayton Top Band Dinner as well. The event is on May 20 at the Hope Hotel. A social hour is at 6 PM, with dinner to follow at 7 PM. The [Contest Super Suite](#) will take place May 18 - 21 at the Hope Hotel. It includes four nights of Top Band,

DX, and contesting hospitality. Contest University ([CTU](#)) will take place at the Hope Hotel on May 19, 7 AM until 5 PM, in association with Dayton Hamvention®. The SouthWest Ohio DX Association (SWODXA) will sponsor the DX Dinner on Friday, May 20, at the Dayton Marriott, 1414 S. Patterson Boulevard in Dayton. [Tickets](#) and details are available. -- *Thanks to Tim Duffy, K3LR*

ARES Resources

- [Download the ARES Manual \[PDF\]](#)
- [ARES Field Resources Manual \[PDF\]](#)
- [ARES Standardized Training Plan Task Book \[Fillable PDF\]](#)
- [ARES Standardized Training Plan Task Book \[Word\]](#)
- [ARES Plan](#)
- [ARES Group Registration](#)
- [Emergency Communications Training](#)

The Amateur Radio Emergency Service® (ARES) consists of licensed amateurs who have voluntarily registered their qualifications and equipment, with their local ARES leadership, for communications duty in the public service when disaster strikes. Every licensed amateur, regardless of membership in ARRL or any other local or national organization is eligible to apply for membership in ARES. Training may be required or desired to participate fully in ARES. Please inquire at the local level for specific information. Because ARES is an amateur radio program, only licensed radio amateurs are eligible for membership. The possession of emergency-powered equipment is desirable, but is not a requirement for membership.

How to Get Involved in ARES: Fill out the [ARES Registration form](#) and submit it to your local Emergency Coordinator.



This image of wear and tear damage sustained by the [wheels](#) of NASA's Curiosity Rover was taken on Feb. 7, 2022, nearly a decade after the craft first began to explore the Martian surface.

Image Credit: NASA/JPL-Caltech/MSSS

ARRL International DX Contest to Include New Categories, Rule Changes for 2022

Operators planning to participate in the [ARRL International DX Contest](#) should be aware of some new entry categories and rule changes. The CW edition is this weekend, starting at 0000 UTC on Saturday, February 19 (Friday evening, February 18 in North American time zones), and concludes at 2359 UTC on Sunday, February 20.

New this year: The Single-Operator, Single-Band (SOSB) category has been expanded to include *three* power level subcategories -- QRP (5 W PEP output or less), Low Power (100 W PEP output or less), and High Power (1,500 W PEP output or the maximum allowable power level established by the national licensing authority issuing the operator and/or station license, whichever is less) -- for both Non-Assisted and Unlimited (Assisted) entries.

Also new for the ARRL DX 2022 Affiliated Club Competition, multioperator DXpedition scores -- operations from outside the US and Canada -- may be distributed among Medium and Unlimited category clubs that each operator declares. To be eligible to receive



the scores, the club must be active in the ARRL's Club Eligibility listing, and the operator's call sign must be included in the club's eligibility list. Each eligible operator's portion of the total station score will be attributed to the club of their choosing. The [Affiliated Club Competition](#) rules include more details.

In addition, multioperator station accommodations put in place for 2021 have been extended to the 2022 running of the event. This permits multioperator station participants to operate from their home stations in conjunction with a multioperator station. The home stations must be within 100 kilometers (62 miles) of the multioperator station and must be within the same DXCC entity, US state, or Canadian province.

Complete [rules and more information](#) are available on the ARRL website.

Youth on the Air Camp 2022 Application Period Now Open

The application period for the second camp for young amateur radio operators in North, Central, and South America is now open at YouthOnTheAir.org for radio amateurs aged 15 - 25 interested in attending. The Youth on the Air Camp is set for June 12 - 17 at the National Voice of America Museum of Broadcasting in West Chester Township (North Cincinnati), Ohio. The submission deadline is March 1. Applications received before the deadline will be given selection priority.

It costs nothing to apply, but a \$100 deposit is required upon acceptance. Scholarships and waivers are available. Campers are also responsible for transportation when arriving to or departing from the camp hotel. Travel during camp events is provided. Travel assistance may also be available, especially for those traveling from outside the US. Campers will be selected and notified by March 15. To encourage attendance from across IARU Region 2, slots will be held open for campers throughout the Americas. If positions become available, these will be filled from the waiting list.

Changes in the COVID-19 pandemic status and CDC guidelines and restrictions between now and June may impact plans to host the camp. For additional information, [contact](#) Camp Director Neil Rapp, WB9VPG.

"At this time, we have a high level of confidence that hosting the camp June 12 - 17, 2022, will be possible," Rapp said. "Should we not be able to host the camp or need to reschedule, we will let everyone know with as much notice as possible. Appropriate requirements on masking and vaccination status will be announced as needed."



Youth on the Air

Activities for the Next Generation of
Amateur Radio Operators in the Americas

YouthOnTheAir.org

3Y0J Bouvet DXpedition Confirms Departure Date

The 3Y0J Bouvet Island DXpedition has confirmed January 6, 2023, as its date of departure on board the vessel *SV Marama*. The DXpedition will make the second-most-wanted DXCC entity available for the first time in several years.

"It is complex to plan the logistics of such a huge project like the 3Y0J Bouvet DXpedition, which involves many parties," the DXpedition announced this week. "The new date is mainly related to the *Marama* vessel logistics, but [also will] enable us to return to Cape Town in late February 2023." The 3Y0J team also confirmed that the DXpedition will run for 44 days overall, with a contingency week for added flexibility.

"We have contracted 22 days at Bouvet Island, and it means we will spend more than 3 weeks at Bouvet," the announcement said. "As we have the flexibility to still decide the port of departure -- Ushuaia, Argentina, or Port Stanley, Falkland Islands -- this will be done at a later stage."

The DXpedition will feature 12 stations, with eight CW or SSB stations and four FT8 stations. Operators aim to log at least 200,000 contacts. "We will be using the Elecraft K3S, a well-proven in the field DXpedition radio as the CW/SSB radio, and SunSDR2 DX as the FT8 radio," the DXpedition said. "We want to emphasize that the FT8 radios will *not* be run in unattended robot mode," the DXpedition said. "Each FT8 QSO will be initiated by a human operator sitting at Cape Fie on Bouvet."

"During peak times, we will run up to 12 radios simultaneously. We plan for minimum downtime on the radios, and to achieve this, we will set up the four FT8 stations to run 24/7, so that these can either be run by one operator separately or be run by any other operator in a simplified SO2R setup. This will be done so that each operator can log into the FT8 machine from his operator position and run CW/SSB and FT8 simultaneously. Running several radios by a single operator this way has shown to be very efficient." Stations will be equipped with various 1.5 kW amplifiers (2 kW PEP for 160 meters).



The receive antenna will be a ground-independent RX loop system developed by LZ1AQ. It will be located some 300 meters from the camp for use on 160 - 30 meters. With the capability to feed up to six receivers. It also permits switching from loop to dipole mode.

Five diesel generators will power 3Y0J, with one spare.



The DXpedition's co-leaders are Ken Opkar, LA7GIA; Rune Øye, LA7THA, and Erwann Merrien, LB1QI.

Keep up with the DXpedition's plans and preparations via the 3Y0J website and the 3Y0J [Facebook page](#). Individuals may [support](#) the DXpedition via the 3Y0J website.

Club Corner

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

Let me 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?

Just sent it to: webmaster@arrl-ohio.org **Please! Format as below:**

If you want me to publish your club information, or even an article you have written, please send it in WORD format (.docx). Please use Times New Roman font size 12 for the body of the article. Any photos please include as a .jpg or .bmp – the time you save me in doing all the conversions will be greatly appreciated.



How to Plan and Apply for an ARRL Hamfest or Convention

If your amateur radio club is planning to host a convention, hamfest, tailgate, or swapfest, please consider applying for ARRL sanctioned status for your event. To learn what it means to be an ARRL sanctioned event, and to get some ideas on how to prepare for and conduct a hamfest or convention, visit www.arrl.org/arrl-sanctioned-events.

To apply for ARRL sanctioned status for your event, go to www.arrl.org/hamfest-convention-application.

The ARRL Hamfests and Conventions Calendar can be found online at www.arrl.org/hamfests. In addition, the Convention and Hamfest Calendar that runs in *QST* each month also presents information about upcoming events.

Go Fully Electronic in 2022!

By Maria Somma, AB1FM, ARRL VEC Manager

Online Examinations and Remote Testing

Your club's VE team can become part of the fun and excitement of remotely administered Online Examinations.



The remote exam sessions are conducted using an online video conferencing platform and a web-based examination system with on-screen tests. ARRL VE teams have had the option to be completely electronic since June 2020 by using online exams. The online exams can also be utilized at in-person sessions automating most of the process, for a fully electronic in-person session experience.

VE teams have been using the [Exam.Tools](#) Online Examination system for remote video and in-person sessions. Over 25,000 applicants have been tested through the Online Examinations system in the past two years. The system works well for online or printed examinations and includes registering and tracking candidates throughout the session, on screen exams and grading, online signing of CSCE and 605 forms by the candidate and examiners, logging and compiling session stats and VE participation list (test report summary), and output files for upload to the coordinating VEC. The program manages and handles almost everything needed to conduct a test session. Time and experience with in-person exam sessions is invaluable when transitioning to remote video-supervised online exam sessions.

Interested ARRL VE teams must contact the [VEC department](#) to receive the online exams instructions and remote video session procedures.

Not a VE? Become one today!

Visit <http://www.arrl.org/become-an-arrl-ve>

Electronically File Exam Session Documents for Quicker Service

After the session has concluded, VE teams can upload in-person documents or remote video session files via ARRL VEC's secure web page (program service option since 2018).

New and upgraded licenses are issued within 1 to 2 business days for weekend sessions and are usually issued on the same day for weekday sessions.

Please contact the [VEC department](#) for the information and instructions on electronically filing exam session documents through our upload page. Authorized VEs will be sent the upload page URL which, is hidden from the public.

Resources for ARRL VEs

The [ARRL VEC VE Resources](#) page offers the information you will need to help conduct exam session business. Our support page offers easy access to session forms and information, online examinations, remote video session instructions, VE Manual supplemental information, FCC rules, basic qualification question procedures, and much more. There is also some helpful information for the community, such as preparation resources for candidates, in-person and remote video exam session search, vanity call sign information, and more.

The ARRL VE Newsletter relays important updates relating to FCC rule or policy changes, exam session document or procedural changes, video sessions, and other topics. VEs can sign up for the newsletter at <https://reflector.arrl.org/mailman/listinfo/ve-list>

VE Sessions

All Things Amateur Radio Association (ATARA) We host testing sessions every second Tuesday of the month to sign up please visit our website <https://atara-w8atr.fun> and contact us at hamexams@atara-w8atr.fun. Our next testing session is March 8, 2022.

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

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

Highland Amateur Radio Association

Next testing session is February 19th. 9:00 am – 12:00 am at the Highland County EMA 1487 N High St. Hillsboro, OH 45133. You can get more information and register for your exam at:

<https://www.signupgenius.com/go/10C0D48ADAC23A7FEC16-hara7>

VE's are also needed for the exam, please contact John Levo: jlevo@cinci.rr.com

The Lake County Amateur Radio Association

The Lake County Amateur Radio Association is once again holding its **2022** Amateur Radio license exams at the **Kirtland Library**, 9267 Chillicothe Road, on the following dates: Saturday, February 5, April 2, June 4, August 6, October 1, and December 3. The tests will start at **12 noon**. Please arrive a few minutes earlier.

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.k8qjk.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@k8qjk.org to register.

The Milford Amateur Radio Club (MARC) is now doing VE testing on 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

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

US Coast Guard Auxillary March 12, 2022 at 0900 (local) at the Shrine Building, 6401 Fruit St. Huntsville, OH 43238. For more information contact Michael Robinson – KI0DE at 614-734-4369 msrobin1980@gmail.com

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



Ohio Public Private Partnership

Free Active Shooter Preparedness Webinar

Dear partners,

The Cybersecurity and Infrastructure Security Agency (CISA), Region 5 (Ohio) invites you to join a two-hour security webinar to enhance awareness of and response to an active shooter event.

Preparing employees for a potential active shooter incident is an integral component of an organization's incident response planning. Because active shooter incidents are unpredictable and evolve quickly, preparing for and knowing what to do in an active shooter situation can be the difference between life and death. Every second counts.

Objectives:

- Discuss the elements of active shooter incident response planning with guidance from expert instructors.
- Describe common behaviors, conditions, and situations associated with active shooter events.
- Discuss how to recognize potential workplace violence indicators. Provide information about best practices, communications protocols, and resources that will assist stakeholders to develop or enhance their emergency planning, preparedness, and response to active shooter incidents.

Please note: THIS IS NOT A TACTICAL TRAINING COURSE.

The target audience includes members of both the public and private sector, including corporate and facility security professionals, business owners and operators, K-12 school administrators, higher education emergency planners, healthcare providers, faith-based organizations, human resource managers, and supervisory first responders.



Active Shooter Preparedness Webinar

Date: March 30, 2022
Time: 1:00pm - 3:00pm ET
Location: Virtual

Click on pdf file to view additional details and how to [register](#).

If you have any questions, email ASworkshop@cisa.dhs.gov.

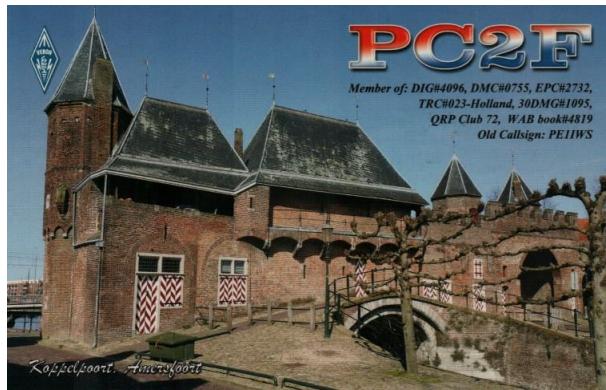
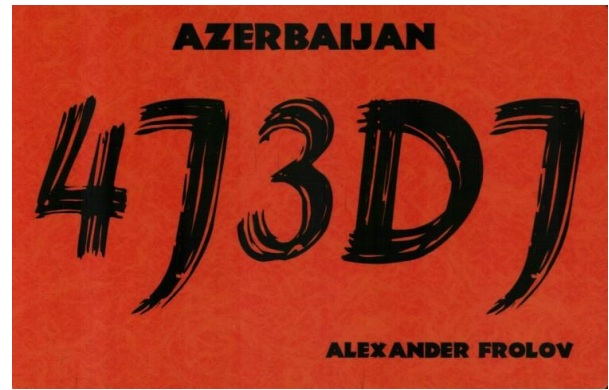
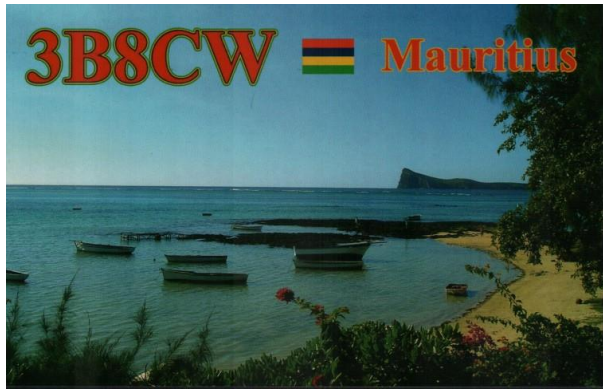
DX This Week – Podcasts & APPS

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

Spots received in the Midwest included Anguilla, Argentina, Aruba, Azores, Balearic Islands, Barbados, Belgium, Brazil, Canada, Canary Islands, Corsica, Croatia, Curacao, Czech Republic, Ecuador, England, European Russia, Falkland Islands, Fed. Rep. of Germany, Fernando de Noronha, France, French Guiana, Gibraltar, Greenland, Hawaii, Hungary, Ireland, Italy, Jamaica, Mali, Martinique, Mauritania, Mauritius, Mexico, Netherlands, New Zealand, North Macedonia, Poland, Portugal, Puerto Rico, Romania, Slovenia, South Africa, Spain, St. Kitts & Nevis, Sweden, Thailand, Trinidad & Tobago, US Virgin Islands, and Zimbabwe. This brings the number of unique entities in the Midwest spotted to 113. We are ahead of last year and it is getting better. Let me know if you have worked a new one for a band slot or an all-time new one!

I received several nice cards this week including 3B8CW – Clive on Mauritius Island, 4J3DJ – Alexander in Azerbaijan, PC2F – Frans from the Netherlands, and TL7M – Ken while DXing in the Central African Republic. Let me know what you received!





DAH DIT DIT DIT DAH DAH DIT DIT DIT DAH

Got an email from NR8Z, Tom. He worked Monk Iakovos who lives at the Holy Monastery on Mt. Athos. This was an all time new one for Tom moving him one rung higher on the DX ladder. Congratulations Tom!



SV2RSG/A
Monk Iakovos

CQ Zone: 20
ITU Zone: 28

MOUNT ATHOS



SV2RSG/A
To Station:
NR8Z

SV2RSG/A confirms QSO with **NR8Z**
31/12/2021 23:36 on 40m 2xFT8 RST -11dB
TNX QSL via Club Log OQRS-Direct

SV1PP

Date	Time

DAH DIT DIT DIT DAH DAH DIT DIT DIT DAH

DAH DIT DIT DIT DAH DAH DIT DIT DIT DAH

Podcasts – There are literally thousands upon thousands of podcasts. If you have not tried a podcast, now is the time! There are various smart phone apps that can be used to access podcasts. The one that I use is Stitcher. Just go to the app store on your smart phone and search for Stitcher.

Once you have the app installed, you can search by topic or a specific podcast. I like to listen to information presented in a logical, conversational manner. What I don't care for is the person who thinks he is on stage and must tell jokes, be funny, or attempt to be smarter than they are. That is the great thing about podcasts. If I don't like the current guest or topic, just change to a different edition or podcast. Typically, once you have identified a podcast you are interested in, you have access to all the podcasts that had been created previously. In many cases, this gives you a full selection to choose from. Podcasts typically are monthly, bi-monthly or weekly. This also gives you a wide selection of episodes. I spend about 2 hours/day in the car, so, I have time to check podcasts out. My current list of podcasts is below:

Podcast	Comment
QSO Today	Ham Operator interviews with a wide range of amateurs
Ham Radio Workbench	Practical nuts and bolts discussion of building and construction topics
ARRL Audio News	General information from the league
Linux in the Ham Shack	Using Linux for various programs and projects
This week in Amateur Radio	News and timely radio topics
ARRL On the Air	For Entry level hams – Curious what you think of this
Ham Nation	General conversation around ham radio topics
ARRL Eclectic Tech	Discussion about off center stream radio topics

Phone Apps – Although there are hundreds of phones apps that pertain to Ham radio, I have only utilized a few. I have listed those below. Let me know which ones I missed.

<u>App</u>	<u>Comment</u>
<u>Compass 360 Pro</u>	Very useful for headings and direction

<u>NKCCluster</u>	On the phone DX Cluster – Watch the data charges!
<u>QRZ Assistant</u>	Useful for looking up callsigns
<u>DX Pocket</u>	DX Cluster monitor with a few more options
<u>HamClock</u>	Easy to use worldwide clock
<u>Voice Recorder</u>	I use this when operating Mobile as my logbook.
<u>Music Player</u>	I listen to CW Audio files to keep my speed up!
<u>NCDXF Beacon</u>	This is great to show what beacons are transmitting. You can then listen to quickly determine what band(s) are open.
<u>Grid Square Locator</u>	This is a great tool if you are travelling and operating.
<u>ARRL Magazines</u>	Have QST, QEX, and NCJ with you at all times
<u>Daylight World Map</u>	Real Time Gray Line tracking

CQDX CQDX CQDX CQDX CQDX CQDX CQDX CQDX CQDX

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:

FG – Guadeloupe - F1DUZ, Philippe, plans to be back at the FG4KH club station from February 24 to March 15, with expectations to operate in the REF SSB Contest and ARRL International DX SSB Contest. QSL via F1DUZ either direct or via the bureau as well LoTW, QRZ and eQSL.

8Q – Maldives - OK2WX, Vladimir, and OK2WM, Karel, plan to put 8Q7WX and 8Q7WM on the air February 13 to March 8. The station will be a K3, IC-7300, Expert 1.3 amp, Spiderbeam and verticals, concentrating on 160, 80 and 40 CW and SSB. QSL direct to their home QTHs or use LoTW.

FT#W - Crozet Island - Permission has been received from TAAF and preparations are moving forward. The ship Marion Dufresne leaves Reunion December 8, 2022, stopping in Tromelin to resupply, then head to Crozet, arriving "around Christmas." Pickup on Crozet is March 26 with arrival in Reunion April 16, 2023. F6CUK, Thierry, says he will be on Alfred Faure Base "a solid three months." The hamshack and antenna placements are being discussed with the man in charge of Crozet. The lodging will probably be in the Albatross Building, next to the Biomar Building. A special callsign is requested, with F6EXV and F6AJA releasing it just before the start, to minimize pirate activities in advance of it. Thierry says be cautious of any FT4W***

callsign that may show up. The gear plan is progressing with sponsors responding. For familiarity, it looks like it will be a TS-590 from home. No interface required to do FT8 is an advantage; a USB cable from rig to laptop is enough. He is buying another TS-590 for redundancy. On advice from the Clipperton DX Club and F6KOP team, the ACOM 1010 amp has been chosen, 500 watts, less fragile than solid state amps and it can handle SWR as high as 3:1. Thierry will take along two of those also. Info on planned antennas will come later, with testing planned for springtime.

9N – Nepal - 9N7AA, Robert, aka S53R, is back in Nepal after a short holiday in S5. His miscellaneous gear has now arrived from Kabul and he has set up the station, but a lot remains to be done. At least the rotator for the Ultra Beam/WIMO 2-element Yagi covering 40-6M has been installed and works great. QRN from "cheap LEDS, open and messy power lines, and inverters" is as bad as ever. Robert continues to look for a solution to the noise. 160 and 80M antennas are a project for summertime. 60 meters is still not permitted there. QSL direct only, via S57DX. LoTW and Club Log will be updated at least once a week, with OQRS coming soon.

Earlier this week during a North West PVRC online meeting W3LPL, Frank Donovan gave a presentation entitled "**Selecting, Constructing, Operating and Maintaining High Performance 6 Meter Yagis**". The presentation was recorded and is available for the next 30 days at

https://us02web.zoom.us/rec/share/jPvCKclviGGbSAG13bYZRGNU6y83ebwakOHh_LpOhlfENLawkGXUMhr9soiutbB.InH2QMY9rzerBIW5
using passcode %H8e37Jk.

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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.

You can always check the list at AJ8B.com and import it in to your calendar!

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!

Mar. 5	ARRL Inter. DX Contest, SSB	https://contests.arrl.org/ContestRules/DX-Rules.pdf
Mar. 12	YB DX RTTY Contest	https://rtty.ybdxcontest.com/
Mar. 12	Idaho QSOP	http://www.pocatelloarc.org/idahogsoparty/
Mar. 12	Oklahoma QSOP	http://www.k5cm.com/okqp.htm
Mar. 12	Wisconsin QSOP	http://mail.warac.org/wqp/wqp.htm
Mar. 19	Virginia QSOP	http://www.vaqsoparty.com/
Mar. 26	CQ WW WPX Contest, SSB	https://cqwp.com/

ARLD007 DX news

This week's bulletin was made possible with information provided by IK2DUW, The Daily DX, the OPDX Bulletin, 425 DX News, DXNL, Contest Corral from QST and the ARRL Contest Calendar and WA7BNM web sites. Thanks to all.

TUNISIA, 3V. Ash, KF5EYY will be QRV in the ARRL International DX CW contest as 3V8SF as a Single Op entry on 80 meters. QSL via LX1NO.

TANZANIA, 5H. Borut, S53BV is QRV as 5H3BV from Shamiani, IOTA AF-063, until February 24. Activity is on 40 to 15 meters using CW and SSB. QSL direct to home call.

MALAWI, 7Q. Don, K6ZO is QRV as 7Q6M while working at the Embangweni Mission Hospital. Activity is in his spare time. This includes being an entry in the ARRL International DX CW contest, and the upcoming CQ World Wide 160 Meter SSB and ARRL International DX SSB contests. QSL direct to home call.

ALGERIA, 7X. Kamel, 7X2GK will be QRV as 7T22ANT from February 21 to 27 as part of the 19th Antarctic Activity Week. QSL via IK2DUW.

UNITED ARAB EMIRATES, A6. Members of the Emirates Amateur Radio Society will be QRV as A60SFD/x from February 19 to 25 to celebrate Saudi Arabia's founding day. QSL via operators' instructions.

AZORES, CU. Henning, OZ2I will be QRV as CQ8EE from Sao Miguel Island, IOTA EU-003, in the ARRL International DX CW contest. QSL to home call.

CAPE VERDE, D4. Oliver, DJ5QW will be QRV as D44DX and D4CW from Sal Island, IOTA AF-086, from February 19 to March 2. Activity will be on 80 to 10 meters using CW and SSB. QSL to home call.

ST. LUCIA, J6. A number of stations will use the special J643 prefix from February 20 to 26 to celebrate the 43 years of full independence. QSL via operators' instructions.

HAWAII, KH6. Fred, NA2U will be QRV as KH7M from the Pu'u O'o Radio Club station during the ARRL International DX CW contest as a Single Op entry. QSL via LoTW.

US VIRGIN ISLANDS, KP2. Operators WP3A, AD4Z and NK4DX will be QRV as KP2B in the ARRL International DX CW contest. QSL via EB7DX.

NETHERLANDS, PA. Members of VERON's section of Mid and North Limburg are QRV with special call sign PI75LIM during all of 2022 to celebrate their 75th anniversary. QSL via bureau.

CURACAO, PJ2. Andy, W9NJY is QRV as PJ2/W9NJY until February 21. Activity is mainly on 30, 17 and 12 meters using CW. This includes being QRV as PJ2T as a Multi/Multi entry in the ARRL International DX CW contest. QSL PJ2/W9NJY via LoTW and PJ2T via W3HNK.

SURINAME, PZ. Markus, DJ4EL and Joerg, DJ1JB plan to be QRV as PZ5G from Papegaaien Island, IOTA SA-092, from February 23 to 26. Before and after this activity, they are QRV as PZ5GE and PZ5GL, respectively, from the mainland until March 1. QSL to home calls.

TURKEY, TA. Rolf, DL6RO is QRV as TA4/DL6RO near Antalya until March 15. Activity is on the HF bands. QSL to home call.

ST. KITTS AND NEVIS, V4. Bill, W3UL is QRV as V47UM from Nevis, IOTA NA-014. Activity is on the HF bands. He will also be active in the ARRL International DX CW contest. QSL to home call.

TURKS AND CAICOS ISLANDS, VP5. Jim, K4QPL is QRV as VP5/K4QPL. Activity is holiday style on the HF bands using CW and SSB. He will be QRV as VP5M in the ARRL International DX CW contest as a Single Op/Low Power/Unassisted entry. QSL direct to home call.

The Run for the Bacon QRP CW Contest, OK1WC CW Memorial, Worldwide Sideband Activity Contest, RTTYOPS Weeksprint, SKCC CW Sprint, QRP 40-Meter CW Fox Hunt, Phone Weekly Test, A1Club AWT, CWops Test, 80-Meter/40-Meter CW Mini-Test and UKEICC 80-Meter CW Contest are all scheduled for February 21 to 23.

Please see February QST, page 75, and the ARRL and WA7BNM Contest web sites for details.

Upcoming *Hamfests*

We **DO** have some hamfests scheduled for 2022!! Yes, take a good look at the list.



<i>Ohio Hamfests</i>	
2022	
03/12/2022 - MOVARC Hamfest Location: Bidwell, OH Sponsor: Mid-Ohio Valley Amateur Radio Club Learn More	03/13/2022 - Winter Hamfest Type: ARRL Hamfest Sponsor: Northern Ohio Amateur Radio Society Learn More
03/20/2022 - Toledo Mobile Radio Association Hamfest Canceled	04/09/2022 - Sixty-Sixth Cuyahoga Falls Amateur Radio Club Hamfest Location: Cuyahoga Falls, OH Sponsor: Cuyahoga Falls Amateur Radio Club, Inc. Website: http://www.cfarc.org/hamfest.php Learn More

<p>04/24/2022 - Athens Hamfest Location: Athens, OH Sponsor: Athens County Amateur Radio Association Website: http://www.ac-ara.org/ Learn More</p>	<p>04/25/2022 - 04/29/2022 RV Radio Network Spring Rally Location: Millersburg, OH Sponsor: RV Radio Network Website: http://rvradionetwork.com Learn More</p>
<p>05/01/2022 - Lucas County Amateur Radio Emergency Service Trunk Sale and Swap Meet Location: Toledo, OH Sponsor: Lucas County Amateur Radio Emergency Service Website: http://tinyurl.com/lcaresswap Learn More</p>	<p>05/20-22/2022 - Dayton Hamvention Location: Greene County Fairgrounds, OH Sponsor: Dayton Amateur Radio Association Website: https://hamvention.org Learn More</p>
<p>06/04/2022 - FCARC Summer Hamfest Location: Wauseon, OH Sponsor: Fulton County Amateur Radio Club Website: https://k8bxq.org/hamfest Learn More</p>	<p>07/09/2022 - Mansfield Mid Summer Trunkfest Location: Mansfield, OH Sponsor: Intercity Amateur Radio Club Website: http://www.w8we.org Learn More</p>
<p>07/17/2022 - Van Wert Hamfest Location: Van Wert, OH Sponsor: Van Wert Amateur Radio Club Website: http://W8FY.ORG Learn More</p>	<p>08/13/2022 - Cincinnati Hamfest Location: Owensville, OH Sponsor: Milford ARC Website: https://CincinnatiHamfest.org Learn More</p>
<p>09/17/2022 - Mound Amateur Radio Assoc. Swap Meet Location: Miamisburg, OH Sponsor: MARA Website: http://W8DYY.ORG Learn More</p>	<p>09/25/2022 - Cleveland Hamfest Location: Berea, OH Sponsor: Hamfest Association of Cleveland Website: http://www.hac.org Learn More</p>

OHIO'S



-President's Day Edition--February 20, 2022

Ham radio activities throughout the Ohio South 40 Region have been rather slim pickens for February with most of the activity centered on this past weekend. Perhaps you still might catch the **West Chester ARC's** special event operation recognizing the 80th Anniversary of the First Voice of America Broadcast. W8O operations will conclude on the 21st from the site of the former Bethany Relay Station near Mason, OH. Other stations participating in the event are W3V from the VOA master control in Washington, DC and W4A from the former transmitter site near Greenville, NC.

The **Lancaster Fairfield County ARA** held their monthly breakfast gathering at the Lancaster Frisch's Restaurant on Saturday morning. Also on Saturday morning a VE test session was conducted by the **Highland ARA** in Hillsboro. According to the VE Team seven candidates sat for licenses or upgrades. Of those, four should be issued first time licenses once the FCC reopens on Tuesday morning. After many months meeting away from the usual Hillsboro McDonald's HARA was able to hold its monthly Brunch Bunch gathering there on the previous Saturday morning. Approximately 12 members were able to attend.

The **DIAL RC** will hold a test session this Wednesday evening, February 23, at the St. John XXIII Elementary School in Middletown. Pre-registration at www.qsl.net/w8bly is required. The **Scioto Valley ARC** will hold a test session at the Ross County Service Center, 475 Western Avenue in Chillicothe at 9 AM on February 26 according to David Coffey. Pre-registration is necessary and can be done through the www.HamStudy.org website.

COVID concerns are causing the **Athens County ARA** to postpone their traditional license class until later in the year. However Jeff Slattery, N8SUZ, says the test session planned for March 24 will still happen.

The **Cambridge ARA** will hold their February meeting on Saturday morning February 26 at the Guernsey County Administration Building in Cambridge. Things will be called to order at 10 AM. The election of club officers will take place at this meeting.

An announcement has been received from Bill Salyers, AJ8B, telling us the **Southwest Ohio DX Association** will sponsor the 37th annual DX Dinner during the Dayton HamVention weekend. It will be on Friday evening, May 22 at the Dayton Marriott. Tickets and additional information are available at the www.swodxaevents.org website. Information is also available via Twitter. Normally upwards of 400 people attend.

Clinton County ARA President Mark Atwell, KD8DGH, is also the Prize Chairman for this year's HamVention at Xenia. Not only does he need some additional volunteers to assist him manning the prize booth, but he calls attention to a need for additional inside and outside volunteers to assist other committees. By assisting you not only have an opportunity for free admission, but there are some other benefits during and after the event such as the volunteer appreciation dinner. Atwell states anyone with an interest learning more about the volunteer opportunities should contact Jeff Everetts, N8IBW, at 937-782-9839 or committeeservices@hamvention.org. You do not have to be a **Dayton ARA** member or Dayton area resident to volunteer.

The Museum of Radio and Technology in Huntington recently received some great television coverage when Huntington's WOWK13 had a feature about the Museum's "Swap Meet For No Reason". According to Museum officials, the event encouraged tri-state residents to bring in old radios, similar media devices and other electronic treasures in an attempt to find new homes for them. The event was more than just buying and selling as it afforded an opportunity for radio collectors to get out and about after being cooped up so long.

Speaking of swap meets, one of the most common questions asked of this column is "where and when is the next hamfest?" Starting with the cancellation of last fall's Grant RC's hamfest at Georgetown, it was followed by the cancellations of long standing hamfests in Mansfield and Toledo. However one Southern Ohio event is on the horizon. On March 12 the **Mid-Ohio Valley ARC** will hold a hamfest at the Fellowship of Faith Church near Rio Grande. It runs from 8 AM until 1. Steve Roush, KE8JGE, also reminds his fellow members of their March meeting on the 5th at 101 2nd Street in Point Pleasant, WV. This important meeting will get underway at 8:30 AM with the final plans for the hamfest as the discussion topic.

Although it might be extreme for a day trip, if you are really experiencing "hamfest withdrawal" and don't mind making a road trip, a visit to the March 5 hamfest at the Cave City, Kentucky Convention Center might be considered. It is a great mid-sized hamfest that is mostly indoors and where you get to see items you would not normally see at hamfests in Ohio. Plus I find it is one of the easiest hamfests to get to that I have ever attended as once you leave the Cincinnati area it is four lane and no stop lights until you reach the Cave City exit. Then it is about a mile to the convention center. For those wanting to make it an overnight, there are several hotels at the exit. It's a great way to start your HamVention and summer hamfest juices flowing.

Don't forget to mark your calendar for the annual **Athens County ARA** Hamfest. It will be on Sunday, April 24. More details will be forthcoming as the final arrangements are made.

Two members of the **Highland ARA** were surprised to receive certificates and membership award pins from the American Radio Relay League in Thursday's mail recognizing each of their 25 continuous years of ARRL membership. Congratulations go to Diana Stuckey, KB9NPO, from Bainbridge and Kathy Levo, N8ZNR, of Hillsboro.

Due to expected severe weather affecting Brown County, the **Grant RC** decided to postpone this past week's February meeting.

Milford ARC President Ron Brooks, has announced the **Highland ARA** will assist MARC at this year's Greater Cincinnati Hamfest and conduct license examinations during the event. HARA's willingness to assist a fellow club will allow MARC to use their limited manpower more efficiently.

Well that's it for another column as we wrap it up with a request to keep safe, be healthy and stay radio-active.

John Levo, W8KIW, jlevo@cinci.rr.com

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

!!!! I would really like to hear from as many of you as possible on this one. While I know what I think the answer is going to be, the bigger the sample, the more accurate a survey like this is likely to be.

How about going to <http://arrl-ohio.org> and giving me a click? (It's in the bottom left corner of the page) I'll have more to say about this in the next OH Section Journal!



***Have you ever operated a Ham Station outside of the US?
Yes / No***

From the last Poll: ***Do you like the new Field Day Rules with the expansion of Class D?***

Out of 60 responses, 50% yes and 50% no.

Ohio Section Cabinet

Section Manager – Tom Sly, WB8LCD	Section Traffic Manager – David Maynard, WA3EZN
Section Emergency Coordinator – Stan Broadway, N8BHL	Section Youth Coordinator – Anthony Luscre, K8ZT
Technical Coordinator – Jeff Kopcak, K8JTK	Affiliated Clubs Coordinator – Tom Sly, WB8LCD
State Government Liaison – Bob Winston, W2THU	Public Information Coordinator – John Ross, KD8IDJ



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@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>



Want to Share your Club Newsletter With Others?

We have a webpage where you can download and read all of the newsletters that I get from around the state and even other sections!

Here's the link to the page.... http://arrl-ohio.org/club_news/index.html

Please, if you don't see your club newsletter posted, it's because I'm not receiving it. Just have your newsletter editor contact me and I'll get your club's newsletter listed on the site!!



We all learn and steal (I mean, share) from each other's work. So, get me your newsletter!!! Send it to: webmaster@arrl-ohio.org

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@arri-ohio.org and we'll get them added to the Ohio Section Emailing list.



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://arri-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!!"



PostScript is produced as a weekly newsletter. I want to thank everyone that has contributed articles and ideas to make this an even better news source. I sincerely hope that you have enjoyed this edition and will encourage your friends to join with you in receiving the latest news and information about the Ohio Section, and news and events happening around the world!