



June 2021 – ARRL Field Day Edition

- [From the Technical Coordinator](#)
 - [From the Section Emergency Coordinator](#)
 - [From the Public Information Coordinator](#)
 - [From the Section Youth Coordinator](#)
 - [From the State Government Liaison](#)
 - [ARES Training Update](#)
 - [Club Corner](#)
 - [DX This Week](#)
 - [Contest Corner](#)
 - [One Question Questionnaire](#)
- [Final.. Final..](#)



From the Technical Coordinator

Jeff Kopcak – K8JTK TC

k8jtk@arrl.net

Hey gang,

As Technical Coordinator for the Ohio Section, I oversee the section's group of Technical Specialists. The Specialists and I are here to promote technical advances and the experimentation side of the hobby. We encourage amateurs in the section to share their technical achievements with others in QST, at club meetings, in club newsletters, hamfests, and conventions. We're available to assist program committees in finding or providing suitable programs for local club meetings, ARRL hamfests, and conventions within the section. When called upon, serve as advisors for RFI issues and work with ARRL officials and other appointees for technical advice.



Technical Specialists are a cadre of qualified and competent individuals here for the “advancement of the radio art,” a profound obligation incurred under the rules of the FCC. TS's support myself and the section in two main areas of responsibility: Radio Frequency Interference (RFI) and Technical Information. They can specialize in certain areas or be generalists in those areas of responsibility. Those responsibilities include serving as consultants or advisors to local hams or speaking at local club meetings on popular topics.

In the Ohio Section, there are 14 qualified specialists able and willing to assist. EMI/RFI 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, other transmitters or poorly made transmitters, personal devices like computers, monitors, printers, game consoles, to grow lights, failing transformers, and poorly made transformers – including one's hams brag about getting from China for a few dollars. I die a little inside when I hear this. Our Technical Specialists can offer advice to help track down interference or locate bozo stations. Technical information is a wide-ranging category including everything from antennas to Zumspots.

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

- Antennas (fixed, portable, and emergency operation type) and feedlines
- Antenna systems such as towers, guying, coax, and baluns
- RF and tower safety
- Grounding
- Propagation
- Electronics and circuits
- Tube technology, aka boat anchors
- Voice and data modes – including D-STAR, DMR, Fusion, NXDN, P25, APRS, IGates, packet, MT63, FT8/4, Olivia, PSK, and using programs like Fldigi

- NBEMS – Narrow Band Emergency Messaging System
- Computers, Windows and Linux, Raspberry Pi
- Embedded devices
- Networking: IP networks, AMPRNet, routers, firewalls, security, mesh, and microwave
- Repeaters, controllers, and high-profile systems
- Internet and VoIP linking systems – Echolink, AllStar, HamVoIP, DVSwitch, and PBX/Asterisk
- RFI detection from power lines and consumer devices including working with governmental agencies to track down interference
- Professional certifications such as Motorola Certified Technicians, Certified Journeyman Electronics Technician, General Radiotelephone Operator License (GROL), and Society of Broadcast Engineers (SBE) affiliations

This impressive list of qualifications is an available resource to all in the Ohio Section. Looking for guidance in one or more of these areas? Need a program for your club meeting? How about a technical talk or forum at your hamfest? Assistance or direction on a project? Feel free to contact myself. 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. If you're interested in being a [Technical Specialist](#), take a look at the description on the ARRL site and get in contact with me. I'll keep you in mind when a spot opens up.



One of the activities that got canceled over the last year-and-a-half was the [West Chester Amateur Radio Association's](#) (WCARA) trip to K3LR's contest station. The station is not far into Pennsylvania on I-80. You've likely seen it if you're taking the turnpike into PA and look to the right about a mile after crossing the border. I decided to get out of the house and have my second tour of this marvelous station. For me, it's only about an hour and a half drive. The rest of the club came from just north of

Cincinnati, closer to 5+ hours each way with and food. Tim is an excellent host as always amazing engineer. He built the station over and has one of the quietest noise floors ever see. As he'll tell you, it didn't come He's got really good stories including one involving a late-night party. I'll leave that him to tell! It was great to get out of the a day and hang out at a superstation with the from VOA.



K3LR operating positions

breaks and an 35 years you'll easy. one for house for guys

Speaking of towers, if you're like me and wonder what it's like to work at a commercial tower site or TV tower, I came across a half hour video of [tower work from the crew's perspective](#). This video documents the entire changeout of the antenna from removing the old one to putting the new one in place. The tower crew and air-crane crew replace the television transmitting antenna for WTVX in West Palm Beach, Florida. You get to see what it is like to be working on a 1,500' tower. It's quite impressive with breathtaking views but one of the riskiest jobs in the world.

Field Day is completed by the time you read this. Keep this in mind for next year. Sending 10 messages over RF from your site gets you 100 bonus points – including Winlink messages. I love to receive messages about your setup, stations, operating, or social activities taking place. These can be sent via the National Traffic System (NTS) or Winlink – K8JTK at Winlink.org – to my station. [Field Day](#) rules state messages must leave via [ham radio] RF from the site (7.3.6). It does not state “formal messages” be in any particular format or utilize any particular network. A message to the SM or SEC must be in radiogram format and leave via RF or



Above the clouds - antenna changeout view (YouTube)

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

no credit will be given (7.3.5). Copies of messages are included with the submitted Field Day report.

With July around the corner, if you're looking to do something while flipping burgers at your 4th of July picnic, my favorite event is the [13 Colonies Special Event](#) which will be on the air July 1st (9AM) – July 7th (midnight). There is an additional France bonus station this year, TM13COL. This is in addition to the bonus stations WM3PEN and GB13COL. A station does not need to work all 13 colonies to receive a certificate. The three bonus stations do not need to be contacted for a clean sweep.

From the Section Emergency Coordinator

Stan Broadway, N8BHL - SEC

broadways@standi.com

Ohio ARES

There are some nice things about living in Ohio- almost no wildfires, probably no earthquakes, and oboy, (except for 2009) no hurricanes! That doesn't mean we can disregard all those threats but a well-executed emergency plan will help us all get through whatever we have to face.



I bring this up because I was able to talk to the National Hurricane Convention via Zoom recently. This all-day session was held for amateur radio operators to review last year's activity and share suggestions for this year's season. As part of the Hurricane Watch Net, I am one of about 40 net control operators around the Atlantic Basin. The Director of the National Hurricane Center, himself a licensed ham, was there to let us know they are still great cheerleaders for ham radio. We are able to provide ground truth that they have no other way of getting... and some of our reports have caused them to change forecast positions and save lives. Why do we continue HF nets through noisy static, listening to dead air for hours waiting on that one report? After all, there's the Internet... Sat phones... Cell service... even FAXes for Pete's sake. But then we realize that (using a lot of common sense!) officials on islands actually shut all power down *prior to the storm* so that wind damaged electrified wires won't fry people coming out after the storm passes. And that leaves...you guessed it... the oldest form of international communication for the win.

The very thing that makes ham radio important in the aftermath of "the Big One" is what makes us important here at home. Ham operators *should have* the ability to cobble together an antenna, or temporarily repair one, find alternate power and get a radio on the air. Consider the kind of threat we need to overcome in Ohio. Obviously tornado outbreaks with damage and power loss, derecho winds, Winter storms, Blizzards, and yes even a potential earthquake. Any of these can result in extended power loss which would bring communication failure. So are you ready? Can you solder a coax connector, create an antenna with some wire (468 divided by freq in MHz...) and find a battery or alternate power source? Your community could be depending on you to do just that!

It was interesting that we on the various hurricane nets face the same issue that we here in Ohio ARES face: where are all the people? Like most community service organizations ARES has seen a slight drop in active volunteers. We still have great numbers registered, but for many reasons those with the time, ability, health and willingness to deploy even for exercises has dropped. And a year sitting in our recliners with masks on our faces hasn't helped.

The good news is we're seeing ARES activities starting to take off again, and with that some of the excitement of actually doing 'stuff' has resurfaced. I would like to invite you back into ARES to participate! If you've "been there done that" for twenty years, your expertise and skill is something to be passed on to the next generation! If you're unsure that you want to try this stuff, jump on in! You'll be welcomed, and you'll be able to pick up on the training and skill that will make you a better all-around ham operator! So get involved- get trained, and stay in practice. There are a lot of critical events that happen fast and won't give you time to prepare.

From the Public Information Coordinator

John Ross, KD8IDJ - PIC

john.ross3@worldnet.att.net



DEADLINE NEAR FOR THE OHIO SECTION 2021 NEWSLETTER CONTEST

This year's Ohio Section Newsletter Contest is about over. The deadline to enter is midnight June 30th...after that the entries will be turned over to the judges for their decisions.

If you receive this before the deadline you can still submit your entries. You'll need copies of two DIFFERENT months of your club's newsletter to be eligible. You can email the direct link, email your newsletters with the link or send a scanned copy of the newsletters.

We should know the results by mid-July and again this year the judging will be electronic.

Form what I have received so far...this will be another difficult year for the judges...just the way we like it!!!! Our club's newsletters are Top of the Heap each year and reflect the work of dedicated Amateur Radio editors, writers, and designers.

Remember, on the Ohio Section's webpage you can see the newsletters from other clubs...might want to take a look and see what they are doing. Also, just for fun, you can troll the internet and look for newsletters from Amateur Radio clubs in other states. Take a look see what they are doing with their newsletters!

Good luck to everyone. I'll share the results in a few weeks.



AMATEUR RADIO MOVIE REVIEW

The fancy highly polished Amateur Radio magazines don't do movie reviews....but here at the Ohio Section...WE DO!!!

Time now to review:

Patrolling The Ether

I came across a 1944 pre-WWII black and white thriller last week...*Patrolling The Ether*. In case you weren't around back then ETHER was slang for the AIRWAVES! Today, the word ETHER is used as a knock out medicine to put you to sleep when something bad is about to happen to you! Hopefully you won't need it during this movie...or this review!

The story line is true...to a point... the acting is a little stiff, but, the flick does feature Amateur Radio with appropriate equipment for the day and correct dialogue.

The plot...well, the Federal Communications Commission has just established a new division ...The Radio Intelligence Division known as RID. Amateur Radio operators are being told not to transmit signals outside of the United States so RID can detect signals transmitted by Nazi spies that contain classified information.

The movie opens with a 16 year old fully licensed ham signing off with his friend Carols in Mexico. Now his mother, escorted by an FCC inspector, enters the room who begins explaining to the young ham why this new program is needed and, if he helps monitor, patrol the ether, he can become a RID MAN and track down the spies using Amateur Radio. What ham would not want to do that!

In the scene below, the young ham has now become an official RID MAM, wearing a government issued suit, tie and hat driving a radio-van equipped with highly sensitive listening and direction finding equipment. Just as it seems they are unsuccessful for the evening...BAMM...there is it...a transmission from a spy. They track down the source of the signal to a location where they might not have a ghost of chance catching the operator...but...you'll have to watch the movie to see the ending!!!!



The film was both praised and criticized ...with the biggest critic being FBI Director J. Edgar Hoover. Some viewers also thought the film was some unneeded propaganda. However, it was the first motion picture that was shown in movie theaters and on television! In fact all three of the then TV networks aired the film at the same time.

Every ham needs to see this classic...you can find it on YOUTUBE.

My rating:



Maybe, we could have the Ohio Section officers recreate this flick. Stan Broadway, N8BHL, could be the RID man. He would look authentic in a wide lapel tweed suit and hat!

Because I look younger than I am I could take on the demanding role of the 16 year ham operator. I am also camera friendly!

Section Manager Tom Sly and former Section Manager Scott Yonally could play the heavies. They both have that "look"...as if they are up to something!

I'm sure there would also be plenty of opportunities for "extras"...as well as Generals and Technicians.

Once I get approval from MGM, the CIA, FBI, FFA, PTA and the FCC you can expect to see PATROLING THE ETHER – REDUX on a screen near you!!!



THE FOURTH OF JULY AND AMATEUR RADIO

The picture above is a little misleading. Uncle Sam appears to be holding a sparkler...it's actually an antenna connected to his handheld 2M radio!

For Amateur Radio operators the holiday is a good time to take your radio with you just in case the fireworks display doesn't go well or we have some unexpected weather.

A lot of hams are helping with traffic and crowd control during parades and celebrations this year and you'll have a chance to listen to our hobby in action. We do good things, not only from our shacks, but in the field as well. You also may get the chance to explain ham radio to some potential new hams.

So watch the fireworks, watch the weather, wave at the parade floats and enjoy the holiday!

HAPPY JULY4th.

73

John E. Ross
ARRL Ohio Section Public Information Coordinator
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*From the Section Youth Coordinator
Anthony Luscre, K8ZT - SYC
k8zt@arrl.net*

Field Day 2021- K8LPS Columbiana Clippers Amateur Radio And Electronics Club

I know that picture is not me! My usual byline photo is being replaced by a photo of Ohio Section Assistant Youth Coordinator, Katie Campbell, KE8LQR. As they say, a picture is worth a thousand words so this month's collection of smiling young Hams operating Field Day speaks millions. For privacy I am not providing names of the youngsters in the photos. Katie said they doubled last year's score!







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

From Your State Government Liaison

HERE WE GO AGAIN –

Ohio’s attempt to enact a distracted driver law failed in the previous biennial legislative session (the 133rd General Assembly). This is because SB-285 was never voted out of committee before the session expired at the end of 2020. Thus, SB-285 is no more. In its place are two quite different proposals aimed to curb texting while driving which is the primary objective of these distracted driving bills.

The first is designated HB-111, introduced by Mary Lightbody in the Ohio House. Its stated purpose is to limit distracted driving by prohibiting the use of HANDHELD electronic wireless communication devices (EWCD) while driving. It does this by not allowing a driver to hold a EWCD to do any of the following:

- 1) write, send or read a text-based communication
- 2) view, play, or otherwise interact with any game or internet based content
- 3) use or manipulate any application that is either factory installed or downloaded to the device

None of these activities describe the typical ham radio operation whereby we communicate by voice. Further, an EWCD is defined as a wireless telephone, a text messaging device, a personal digital assistant or a computer, including a laptop computer and a computer tablet or any other substantially similar wireless device that is **designed or used to communicate text**. Therefore, I don’t believe that the passage of this bill would inhibit amateur radio mobile communications.

HB-111 has been referred to the House Transportation and Public Safety Committee, where the only hearing was on 21 May 2021, when Representative Lightbody testified in support of her bill.

The second bill (HB-283), also introduced in the Ohio House by Cindy Abrams and Brian Lampton, prohibits drivers from holding or physically supporting an EWCD with any part of the body with certain exceptions. These exceptions include voice-operated/hands free use, emergency situations, and an exemption for first responders and utility workers responding to an emergency. Interestingly, there is also an exception for what is designated as a “single touch or single swipe policy.” Such a policy would allow drivers to utilize their EWCD for minimal distraction features that only require a single swipe or touch, as long as the EWCD is not being held or supported by the individual.

Although it appears that HB-283 is focused on prohibiting texting, it is more broadly worded, because it **bans holding the EWCD**, period. In other words, it prohibits texting by enforcing only hands-free operation. So, is our microphone an EWCD? It is connected to our mobile rig, but in my opinion, in and of itself, it is not an EWCD. But you would have to argue that position to a peace officer, magistrate or judge.

HB-283 was referred to the House Criminal Justice Committee where the sponsors spoke on behalf of their bill on 20 May 2021. Then on 10 June 2021, twenty-three (23) proponents testified in favor of this bill.

Both bills agree that texting while driving will become a primary offense. Presently, Ohio is one of only three states that still views distracted driving as a secondary offense (except for juvenile drivers where it is primary) which means that a police officer cannot stop you for texting unless you have committed another violation such as speeding or running a stop sign.

Although I believe that neither bill intends to prohibit ham radio mobile operation, it would be best to avoid arguing your case to a judge if you do get cited for talking on your radio. The Ohio Section is working with a lobbyist to help insert language in these bills that would specifically exempt FCC licensed amateur radio operators. Meanwhile, if you personally know any of these two bills' sponsors, please contact me.

HELPING TO MONITOR LEGISLATION-

I was made aware of the above bills through ARRL Regulatory Information Manager, Dan Henderson, N1ND who advised our SM, Tom Sly, WB8LCD. I believe the League subscribes to a service that monitors proposed legislation nationwide.

But, I still need your input for local laws and ordinances at the county, city, village and township level. You can assist by regularly visiting your municipality's website to check on any proposed legislation that may affect our great hobby. If you come across anything suspicious, please let me know. Meanwhile, have a great and safe summer!

73, Bob W2THU

ARES Training Update

Jim Yoder, W8ERW – ARES Data Manager

w8erw@arrl.net



ARES Training Update

Field Day is almost here for 2021. After last year's disastrous turn of events with the pandemic and nearly all of our in person activities being canceled for the year, it is going to be both fun and exciting to get back into what we love to do.

Add several Hamfests that are on this year's schedule and I think we'll make an amazing transformation back to Amateur Radio as we all know and enjoy.

So what is Amateur radio to you? Yes, it's a wide open question and I can only imagine the answers I would get with the many aspects of our hobby. If its technology, Hams are likely involved and making use of it to further their Amateur radio interests. For me, I am not much of

a contest. Field Day is an exception as are a couple others related to my career path. I enjoy working the CQWE event where former Bell System locations all get on the air and The Telephone Pioneers QSO Party which is similar to CQWE. There is one more also that I find enjoyable, the 13 Colonies special event each year. Each of these is not so much competitive as they are a chance to renew old friendships and rag chew a little more than most of our contests allow. I also enjoy making things work as much and using them. Antenna building, integrating radio with other technologies and learning something new all garner my interest. I am also old enough now to claim the "Elmer" title and I very much enjoy helping new Hams along the path to their own interest in Amateur Radio. The real wonder of being a Ham is that the opportunities are limitless. New technology all but guarantees that.

We as Hams do many interesting things and some that require extra effort and commitment. ARES is both of these. Field day is as much of a readiness exercise as it is a contest and it plays well within our ARES program. While we are busily making all those contacts, we put aside the hard work it took to bring together all the pieces for our Field Day stations and make them work. Often this is done with new concepts for antennas and other parts of our craft as communicators. Field day is also a great time to get to know fellow club members and to showcase our abilities and equipment to the public. Team building is one of the benefits of working Field Day. This all leads to experience that may well be used when the public needs us to be the communications resource when all else fails. Practice, exercise and training are the core elements of a readiness posture making Field Day a great way to achieve all three while having a lot of fun together as Hams with a purpose.

This wouldn't be me if I didn't get to training, so here goes. Our numbers are looking good still and we are growing although a bit slower as we mature the effort to promote training. In Ohio, we now have 9,914 course completion certificates on file. There are now 979 ARES members at Level 1, 735 at Level 2 and 205 at Level 3. That is fantastic, but we must not let our guard down. We must do more to insure we are relevant and to make that relevance our defense against losing our access to spectrum. There are many ways to increase training and as individual Hams, each of us can contribute to the pool of knowledge and expertise that we can count on when needed. ARES groups and clubs as well can make this all work in a positive manner by organizing and offering training to members. Not only in license preparation but in those FEMA courses and others that give us the edge. Don't forget your local EMA. These folks are skilled in disaster preparedness and we should be working with them to learn as much as we can.

I will close now with my appreciation for all of the effort each of you have given to ARES, training and to our Hobby. We are as a group, the sum of all this effort. Thank you.

Let me also express my sincere gratitude to all those who wished me well during and after my recent surgery. I'm doing great and quite anxious now to return to normal physical activity in a couple more weeks. Thank you....

73,

Jim W8ERW
w8erw@arrl.net

Weather Alert Project 21 Second Interim Report
C. Matthew Curtin KD8TTE

Information to protect lives and property is vital if handled properly; improperly handled it's worse than useless. I started looking at the matter of handling critical information as needed not by radio amateurs or the public but by agencies directly, especially as we started working with FEMA Integrated Public Alert & Warning System (IPAWS) Research & Development group in the run-up to BLACK SWAN 20.

Continuing that work, I introduced the Weather Alert Project 21 in April's *Ohio Section Journal* and provided the first interim report in the "May 31st Edition" of *PostScript*. This second interim report focuses on the issue of how to handle a flood of messages on limited-capacity circuits.

Since the last report, we've added some new features to the WAP21 origination software.

First, our radio routing now covers seven ARRL Sections, namely OH, MI, WV, KY, NFL, SFL, and WCF. The origination software reads a Common Alerting Protocol (CAP) message, finds the target areas for the alert and if it's in one of those seven sections, the software originates a radio message correctly identifying the ARRL Section, ARES District (if there is one), and county. Whether the message has one county or multiple counties targeted, the one message covers them all, even spanning districts if necessary.

Presently station KD8TTE is pulling all NWS alerts (which are published by state) for the five states that cover those seven sections.

Second, we've made some significant updates in terms of precedence. Most amateur nets treat any agency traffic as Priority and therefore place it above both Welfare and Routine. Many ARES nets in operation won't even handle messages that aren't Priority.

Precedence exists to ensure that the most important and urgent messages are handled ahead of messages that are less important or urgent. With "all agency traffic" being Priority or EMERGENCY in amateur procedure, we just don't have the granularity that reflects real-world conditions for agency traffic.

Studying the CAP standard, we find that there are three elements that affect message precedence. These are urgency, severity, and certainty. Details for use are spelled out in section 3.2.2 (info Element and Sub-elements) in the CAP standard (<http://docs.oasis-open.org/emergency/cap/v1.2/CAP-v1.2-os.html>).

Descriptions for urgency is that values are:

1. **Immediate** - Responsive action SHOULD be taken immediately
2. **Expected** - Responsive action SHOULD be taken soon (within next hour)
3. **Future** - Responsive action SHOULD be taken in the near future
4. **Past** - Responsive action is no longer required
5. **Unknown** - Urgency not known

So far in WAP21, we've seen all of these values except for Past.

So far, our good times for end-to-end relays are happening within an hour and we've started to see the ability to get them in the 30-45 minute range, with some down around 20 minutes. This kind of performance seems to suggest that this is a viable last-resort kind of option but that it can easily be overwhelmed by a burst of messages. Obviously something Expected should go ahead of Future, but ARRL's precedence doesn't give us the ability to make that distinction.

Turning our attention to existing alternatives we look at how messages are given precedence in government radio services we check the Allied Communications Publications (ACP), specifically ACP 125, ACP 121 (specifically par 364-367, "Determining Precedence"), and ACP 123. These spell out precedence, along with a time objective (ACP 121, extended by ACP 123). We can get down in the weeds pretty quickly here so we're going to note that ACP 123 is there and deals with this issue and gets into other relevant stuff like data networking message formats and so on. That's not today's problem, so we'll come back to this in the future. For now, ACP 121 offers some helpful guidance to address the present problem, and knowing about the other stuff helps us to understand that this isn't a system that's going to get us painted into a proverbial corner.

Precedence and general time objectives for delivery, which means the communication facility of the origination to the communication facility of the destination.

1. Flash (Z) - As fast as humanly possible with time objective of not less than 10 minutes
2. Immediate (O) - 30 minutes to 1 hour
3. Priority (P) - 1 to 6 hours
4. Routine (R) - 3 hours to the start of business on the next working day

Looking at the CAP standard, its use of urgency, and the ACP definitions of precedence as guidance, it looks like we've got a working option for mapping precedence properly and relieving the problem of too much Priority traffic clogging up the traffic listing and keeping things from going out as they should. For the purpose of WAP21 and as a test to introduce some new precedence to amateur radio operators, we've introduced Immediate precedence. (ACP 121 also has some useful discussion of transmission time, assumed message length, and so on.)

After inclusion of Immediate precedence, we're now able to generate WAP21 messages based on CAP urgency as follows:

1. Immediate - Immediate (O)
2. Expected - Priority (P)
3. Future - Routine (R)
4. Unknown - Routine (R)

Finally, we've also looked at CAP values for **severity** and **certainty**. This allows us to handle situations where an active storm system flooding networks with Immediate messages prevents something like a Tornado Warning being able to get through. We've introduced a condition where a WAP21 message will be originated with Flash precedence: where urgency, severity, and certainty are all at maximum values, which is to say:

urgency: Immediate AND
severity: Extreme AND
certainty: Observed.

So how is it working in practice? We put this into place just ahead of the storm systems that moved into Ohio. Watching only Ohio messages, we see a total of 235 messages, with precedence distribution as:

Flash: 24
Immediate: 144
Priority: 67
Routine: 0

We've held several more sessions where we've tested the relay of messages to see how well we're able to hit our delivery-time targets. You can see results for on-time delivery beginning on the June 8 sessions. Current results show that even with two relays done by HF we have on-time delivery for 70% of the messages. With Flash precedence being on-time in 30 minutes or under, those are the most difficult but we are making progress by improving station operator efficiency and procedure for net operations to have stations taking Flash traffic for relay leave the net immediately so they can perform the relay before returning to the net to handle other traffic.

Indications are good that this is possible to perform reasonably but work is still needed to make it viable. If you're interested in joining the project, we're happy to work with you. We're looking for transmit stations, receive stations, as well as others who want to relay messages, and act as net control. Software developers with networking experience are particularly welcome.

Current information including links to background information and results are available at <https://www.blackswancomex.org/2021/weather-alert-project-21>.

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@arrrl-ohio.org



Alliance Amateur Radio Club



At this year's Field Day, The Alliance ARC gave away a Brand new Yaesu FT-891. This was the

culmination of the club's latest fundraiser. Tickets went on sale in mid-May and sold out in a bit over 3 weeks. In looking for a appropriate club event to host the drawing of the winning ticket, Field Day was chosen. After a hearty Field Day meal of chili, hot dogs & Hamburgers, and coney's, the winning ticket was drawn on the club Facebook Live account.

The winning ticket was drawn, and the proud owner of a Yaesu FT-891 is N8MCA, John Kunz, from Dayton, OH. He has been notified and is obviously very pleased to be the winner of the club's fundraiser.

This is the Alliance ARCs second fundraiser in as many years. Last year, a Yaesu FT-450D was raffled off. Despite COVID-19 restrictions, the tickets sold out in a bit over 4 months.

The Milford ARC will be running a special event commemorating the 30th Anniversary of the Cincinnati Hamfest

The special event will be under the callsign of W8C

- **Valid 15 August 2021 0000z to 29 August 2021 2359z**
- QSL: send SASE to receive a comemorative QSL card: MARC, PO Box 100, Milford OH 45150
- **About the Cincinnati Hamfest and W8DXCC**
- First held in 1991 in a local parking lot as the Milford Hamfest, now re-branded, the Cincinnati Hamfest has grown every year since.
- Sponsored by the Milford (Ohio) Amateur Radio Club (MARC), MilfordHamRadio.org
- In 2019 the inaugural W8DXCC was held in conjunction with the hamfest, sponsored by the Southwest OH DX Association (SWODXA), <https://www.swodxa.org>

The Cincinnati Hamfest and W8DXCC Convention will be held Saturday, August 28 at the Clermont County Fairgrounds. We hope to see everyone there!

For more information:

- CincinnatiHamfest.org
- MilfordHamRadio.org
- W8DXCC
- SWODXA

Thank you,
Ron Brooks, AC8MA

From the Seneca News Daily

Amateur Radio Operators Participating in Annual Field Day Exercise

Amateur Radio Operators all over the country including Seneca County will be participating in an annual Field Day exercise to promote Amateur Radio and to exercise their capabilities for operation under abnormal and emergency conditions. Hams as we are called will attempt to contact as many participating Amateur Radio stations as possible during the 24 hour event beginning at 2 PM on Saturday June 26 through 2 PM on Sunday June 27.

Local Amateurs will set up this year at Hedges Boyer Park at the lower level across from the YMCA in both the Lion and #6 shelters. The public is invited to come out and be a part of this exciting annual event. A special station will be in operation to allow non-licensed visitors to get on the air and experience the thrill of making contacts with other amateurs all over the country. Local amateurs will also be operating several forms of specialized equipment to facilitate data communications between stations and to exercise many of our capabilities to assist the public in a disaster situation.

The Seneca Radio Club along with the Seneca County Amateur Radio Emergency Service invite you to stop out and see us during the fourth weekend in June at Hedges Boyer Park. We would love to show you the fun and excitement of Amateur Radio and how easy it is to become a Ham. Amateur radio is open to all ages.

Additional information can be found at: <http://www.w8id.org/> and <http://senecacountyares.org/> or contact,
James E Yoder W8ERW
w8erw@arrl.net
(817) 692-7455

Some “Field Day In The News” Links

The Advertiser Tribune (Tiffin, Ohio) published our Field Day notice today and it also appeared on their FaceBook page:

<https://advertiser-tribune.com/news/328005/amateur-radio-field-day-happens-this-weekend-at-hedges-boyer/>

From The Vindicator in Mahoning County:

<https://www.vindy.com/news/local-news/2021/06/ham-radio-users-reach-across-world/>

It’s REALLY Nice to see Amateur Radio getting some positive PR! Keep up the good work.
Tom WB8LCD

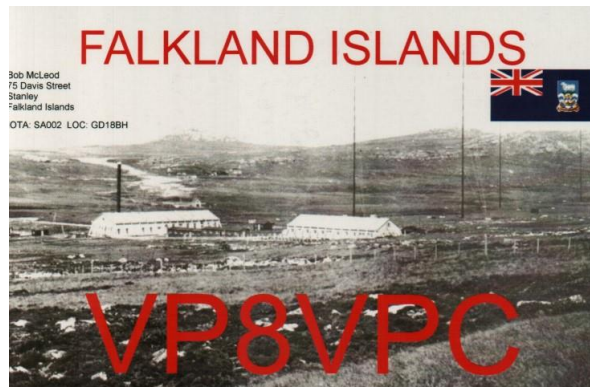
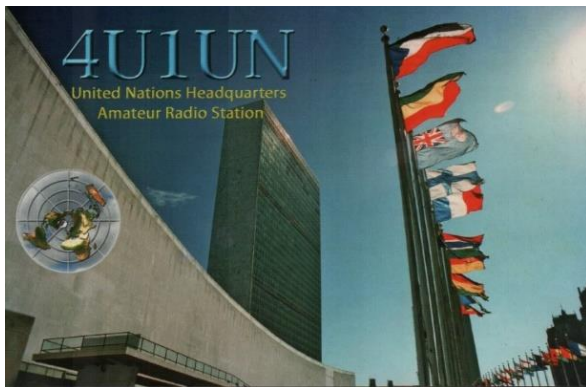
DX This Week – CT3MD Interview

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

The Midwest DX Cluster spots included Ceuta & Melilla, China, Colombia, Cuba, Denmark, Dominican Republic, East Malaysia, England, European Russia, Fed. Rep. of Germany, Fiji, France, Hawaii, Hong Kong, India, Indonesia, Italy, Jamaica, Japan, Kazakhstan, Mexico, New Zealand, North Macedonia, Republic of Korea, Romania, Sardinia, Slovak Republic, Spain, Taiwan, Thailand, United Arab Emirates, and Vietnam. This brings the total number of entities spotted in the Midwest in 2021 to 183!



I received a beautiful card from 4U1UN, the UN HQ in New York, as well as from VP8VPC – Bob in the Falkland Islands. What did you get?



This week we have an interview with Jose, CT3MD. He is an excellent and accomplished operator.

AJ8B: How did you first get interested in amateur radio?

CT3MD: I am a police officer and after graduating from police, I worked with a radio and enjoyed it and then I became a radio amateur.

AJ8B: When did you get on the air?

CT3MD: I have been on the air since 2000.

AJ8B: Do you have a favorite band or mode?

CT3MD: No, I don't have any favorite bands or modes. I need to work all bands for my DXCC Challenge. I like all.

AJ8B: What time of day and days do you like to operate?

CT3MD: I have no favorite time to operate. I need to work around the clock to be able to do every country in the world. Maybe I like it in my morning to be able to work Pacific area (ZL, VK, JA, HL, BV, etc)



AJ8B: In reviewing your QRZ.com page, I see that you have been very successful with chasing countries and with contests. Any secrets to your success?

CT3MD: No special secrets. It is necessary to work at all hours of the day. In CT3, in order for me to work the Pacific area (the hardest area for me) I need to get up early because it is the best time to listen to the Pacific, or at sunset. The rest of DXCC I can work anytime.

AJ8B: You are an extremely accomplished contester. Any tips that you can share?

CT3MD: I think talent alone is not everything. We have to work hard. I spend many hours on the radio, get up early and go to bed late. I take the contests to always do something new that I am missing and also to give others the opportunity to work on CT3.

AJ8B: What license levels do you have in Madeira/Portugal?

CT3MD: I have already taken six exams for my license and am on top.

AJ8B: Describe what you are currently using:

CT3MD: I am using Icom 7600, Expert 1K-FA linear amplifier, for CW I use Begali expedition. Antennas: Obtibeam 16-3 (10, 15 and 20), OB7-warc (12 and 17), OB6-6 (6m). Dipoles for 30, 40, 80 and 160.

AJ8B: What advice do you have for those of us trying to break pileups to work DX?

CT3MD: It takes some technique to pierce the pile-up. As I am from Africa, I sometimes call it "Africa, Africa, Africa" and as Africa is a rare continent, sometimes they listen to me and give priority. Sometimes I also hear the spaces of silence between the many calls and say my call once or twice.

But the biggest secret is to have a well-located station (no mountains around), little noise, good Yagi antennas and some power.

AJ8B: Any QSLing hints?

CT3MD: I only send paper QSLs to anyone who asks me.

I have already sent over 100,000 QSL via buro.

I usually order direct the DXCC I need.

I very much confirm the cards I receive.

It is an honor for me to know that my card is part of the collection of many amateurs worldwide.



AJ8B: What coaching/advice would you give new amateurs?

CT3MD: Being a ham is a lifelong hobby. You can't be a ham for only 5 years. For those who like DXCC and want to reach the top, will have to follow the hobby forever. Work all bands and modes to increase the possibility of doing the most.

AJ8B: Thanks for taking the time to answer my questions. Is there anything you would like to share with us?

CT3MD: It was a pleasure sharing this information with you. I would be happy to hear from other hams.

I hope one day to be part of a great expedition on a beautiful and rare island in the ocean. I don't know if I will have the money and availability for it, but I feel like it.

I already lived 5 years in the Azores (CU7MD), between 2010 and 2015 and got a good score. It's great to live on an island and to be a ham. In the islands we have little urban noise and that helps a lot.

73 de José, CT3MD

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60 Meter Update by Joe, W8GEX

Kyrgyzstan is latest to arrive on 60 m/5 MHz The Union of Radio Amateurs of Kyrgyz Republic (ARUKR) announced that on 4th June 2021, the Kyrgyzstan Telecommunications Regulator made the new WRC-15 Amateur Secondary Allocation of 5351.5 – 5366.5 kHz available to Kyrgyz hams at a maximum power of 100W.

Other Secondary allocations made available at the same time were 472 – 479 kHz at 1W, 122.25 – 123 GHz and 134 – 141 GHz both at 100W.

Thanks to Andrea EX0DX /HB9DUR ARUKR IARU Liaison Officer. The Union of Radio Amateurs of Kyrgyz Republic (ARUKR) <http://qrzex.com/>

Tks: EX7DY, EX0DX

(Paul Gaskell G4MWO, Editor, The 5 MHz Newsletter)

XT - Burkina Faso—DF2WO, Harald, gives us more details on his June 13 to 28 trip to Ouagadougou, Burkina Faso as XT2AW. He will have a Yaesu FT-991A running 100 watts into a hex beam, vertical, all band dipole and 80 cm offset for QO-100. Activity will be on FT8, CW and SSB on 160, 80, 60, 40, 30, 20, 17, 15, 12, 10 and 6 meters (grid locator IK92fh). QSOs will be uploaded to M0OXO OQRS (not Club Log) and LoTW. QSL via M0OXO.

JW0W SVALBARD DXPEDITION NEWS Ken, LA7GIA, posted the following:

JW0W expedition to Prins Karls Forland Island west of Svalbard, is going well (20-26th July). Today we received the final permit from authorities to access the nature reserve west of Svalbard. The area is only accessible by boat roughly 3h west of Longyearbyen. We do plan for 60.

All supporters get a free express QSL card and LoTW from our QSL Manager Charles Wilmott, M0OXO. If you want to support us, please PayPal to: jw0wpk@gmail.com. Thanks to FUNKAMATEUR for supporting us.

S90K Sao Tome & Principe islands: Dave Beran OK6DJ reports that he plans on a FT8 and CW operation from the island. Oct. 2 to 16. QSL direct to OK6DJ or LoTW, OQRS. More info on their website at www.cd xp.cz

C5 – The Gambia— F5RAV, Luc, with friends F5NVF, Gerard, and M0NPT/7X2TT, Abdel, have received a Gambia license, C5C, good until April 22, 2022. They are including 60M. For QSO confirmation it's LoTW, eQSL, and direct via the F5RAV home QTH.

Facebook: <https://www.facebook.com/groups/347995275954755/>

60m website: www.60metersonline.com

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

S9 - Sao Tome and Principe - Members of the Czech DXpedition group have announced plans to operate S9OK from Sao Tome (AF-023). They expect to arrive on October 2nd and depart on October 16th. From October 3-5 they plan to build up the stations/antennas, etc. and do some operating with plans to be fully operational from the 5th to the 14th. The team will include OK1BOA, Petr; OK1FCJ, Petr; OK1CRM, Palo; OK1GK, Pavel; OK2ZA, Ruda; OK2ZC, Ludek; OK2ZI, Karel; and OK6DJ, David. Listen for them on SSB, CW, RTTY and FT8. Depending on the conditions of the local internet they are hoping to be able to "use Club Log Live Stream wherever it will be possible" at <https://clublog.org/livestream/s9ok>. Equipment will include three K3's, three TS-480HX's and a SunSDR2DX, along with five Juma PA-1000's. The S9OK team will have a four element Yagi for 6 meters, three Spiderbeam's for 10-20 meters (including WARC-79), a two element Yagi

for 17 and 12 meters, two phased verticals for 30 meters and two more for 40 meters, an 80 meter vertical and 160 meter vertical. To help with their focus on the low bands they will have three receive Beverages and a receive vertical. OK6DJ will be handling the QSLing chores with QSOs being uploaded to LoTW and OQRS on Club Log. OK6DJ's snail mail address is David Beran, Dolni Kamenice 55, Holysov 34562, Czech Republic.

V6 - Federal States of Micronesia - KC0W (aka KH0/KC0W), Tom, has announced his intentions for a DXpedition to Yap Island (OC-012) later this year. He will be using the call V63COW and this will be a 100% CW only operation. "Exact dates for this DXpedition will be posted once the travel restriction to Micronesia is Lifted", informs Tom. QSL via KC0W.

PA – Netherlands - Effective June 18th Dutch Novice stations (PD stations) can now operate with 100 watts, instead of 25 watts, on the 40, 20- and 10-meter bands. They also now have full frequency allocation for the 40- and 20-meter bands. Previously Novice stations from the Netherlands were allocated 7.050 to 7.100 and 14.000 to 14.250 MHz. In addition, there is no longer a minimum age to get your Novice or Full License in the Netherlands.

ZD7 - St. Helena Island - G3WIP, Gerry, said not much was new, as he still didn't have his callsign. But wait, it just came through! ZD7GB. He will be in quarantine his first 10 days on the island. He plans to use the time, though, to set up the hamshack. His weight allowance was increased to 30 kilograms. ZD7VD, Bruce has helped with the license application. Gerry's flight out of England was at midnight local time last night. He hopes to be active June 23 to September 5. He has a day job while there as a medical doctor. CT1EAT, Francisco, is in the UK presently and gave Gerry full instructions and a kit for QO-100 operation. The dish is small. He ran out of time to test the system before departure. Gerry says he has a lot to do, work out his QSLing, logbook setup, DX cluster, LoTW, and of course the antennas. He wants to get it sorted out well to avoid the chaos he says he had his first time as "proper DX," when he was VK0GB.

FK - New Caledonia - There is a newly-licensed ham in Mont Dore, a few kilometers from Noumea, the capital. New Caledonia is between Australia and New Zealand. FK4TK, Yannick, is 46 years old. He says he started with CB in the 1990s and got his ham license last August. He is self-employed doing mechanical work on cars, trucks and mining equipment. His ham station is an IC-7610 to a TL-922 amplifier and GAP Titan. He likes DSTAR with an ICOM 5100 and Diamond X6000 vertical. Mobile, he has an ICOM 7100 and Diamond SD-330.

3DA0 – Eswatini - 3DA0RU is in the country formerly known as Swaziland, an operation planned for October 22 to November 7. At the five stations four will be kilowatts, with operators RA1ZZ, R7AL, RK8A, RW9JZ, OK8AU and R5EC. The antenna complement will be a spiderbeam, hexbeam, groundplanes, dipoles and Beverages, on 160, 80, 60, 40, 30, 20, 17, 15, 12 and 10M CW, SSB and FT8 F/H. QSL direct, (OQRS) bureau and LoTW.

<https://dxpedition.wixsite.com/3da0ru>

Mark your calendar as the **2022 International DX Convention** will be held at the Wyndham Hotel (the old Holiday Inn) in Visalia, California on April 8, 9 and 10. Details can be found at <http://www.dxconvention.org>.

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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.

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!

July 7	VHF-UHF FT8 Activity Contest	www.ft8activity.eu/index.php/en
July 10-11	10-10 Int. Weak Signal QSO Party	http://bit.ly/1FrFeBc
July 10-11	IARU HF Championship	www.arri.org/iaru-hf-world-championship
July 11	QRP ARCI Summer Homebrew Sprint	www.qrparci.org/contests
July 14	VHF-UHF FT8 Activity Contest	www.ft8activity.eu/index.php/en
July 17-18	CQWW VHF Contest	www.cqww-vhf.com
July 17-18	North American RTTY QSO Party	http://ncjweb.com/NAQP-Rules.pdf
July 18	CQC Great Colorado Gold Rush	https://tinyurl.com/4accen2c
July 18	RSGB International Low Power Contest	https://tinyurl.com/cy7u4ynp
July 24-25	RSGB IOTA Contest	https://tinyurl.com/29m8jb3z
July 25	ARS Flight of the Bumblebees	http://arsqrp.blogspot.com
July 26	RSGB FT4 Contest Series	http://bit.ly/3mCNXXH
July 31-Aug. 1	Missouri QSO Party	https://tinyurl.com/fbfcw8r3
July 31- Aug. 1	Russian WW Multi Mode Contest	http://bit.ly/2CMbWOM
August 28	Ohio QSO Party	https://www.ohqp.org/
August 28	W8DXCC	https://www.w8dxcc.com
Sept. 25-26	CQWW RTTY DX Contest	www.cqwwrtty.com

DX News

SB DX ARL ARLD025
ARLD025 DX news

This week's bulletin was made possible with information provided by 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.

KINGDOM OF ESWATINI, 3DA0. Hans, 3DA0AQ is QRV on 20 to 6 meters using CW. QSL via EA5GL.

CYPRUS, 5B. Phil, G0FVM will be QRV as 5B4APP starting the end of June. He plans to start being active on 20 meters. QSL via operator's instructions.

KENYA, 5Z. Sila, AK0SK is QRV as 5Z4/AK0SK from Nairobi. Activity is on 40 to 10 meters using mostly FT8. His length of stay is unknown. QSL via LoTW.

CANARY ISLANDS, EA8. Special event station EG8VCAN is QRV until July 18 to support the Volcanes de Canarias award. QSL via EA8URA.

NEW CALEDONIA, FK. Yannick, FK4TK is QRV from Mont Dore and is active on the HF bands. QSL to home call.

SCOTLAND, GM. Paul, G4PVM will be QRV as GM4PVM from the Isle of Lismore, IOTA EU-008, from June 29 to July 4. Activity will be on 40 to 10 meters using CW and SSB. QSL via LoTW.

LIECHTENSTEIN, HB0. Leuk, HB9HBY will be QRV as HB0/HB9HBY from June 30 to July 4. Activity will be on the HF bands using CW, SSB, FT8 and FT4. QSL via EB7DX..

DJIBOUTI, J2. Jeje, F8FKJ is QRV as J20EE from Djibouti City until mid July. Activity is on 20 and 17 meters using CW, SSB and FT8. QSL via LoTW.

EUROPEAN RUSSIA, UA. Special event station RG60ANT is QRV to celebrate the 60th anniversary of the Antarctic Treaty Signature that took place in 1961. QSL via operators' instructions.

UKRAINE, UR. Special event station EN30UKR is active to celebrate the 30th anniversary of Ukraine's Independence. QSL via UT4ULP.

TURKS AND CAICOS ISLANDS, VP5. Mario, W4HBW is QRV as VP5MA from Providenciales Island, IOTA NA-002, until October. Activity is on 20 and 15 meters using FT8. QSL direct to home call.

ST. HELENA ISLAND, ZD7. Gerry, G3WIP is QRV as ZD7GB until September 30 while working here. Activity is in his spare time. QSL to home call.

The CWops Mini-CWT Test and Phone Fray are scheduled for June 30.
Please see June QST, page 72, and the ARRL and WA7BNM contest web sites for details.

ARRL Contest Corner

An expanded, downloadable version of *QST*'s [Contest Corral](#) is available as a PDF. Check the sponsor's 'Website for information on operating time restrictions and other instructions.



Upcoming Hamfests

We **DO** have some hamfests scheduled for 2021!! Yes, take a good look at the list, it's growing every day!



07/10/2021 - [Mansfield Mid-Summer Trunkfest](#)

Location: Mansfield, OH

Sponsor: InterCity Amateur Radio Club

Website: <http://iarc.club>

[Learn More](#)

07/18/2021 - [Van Wert Hamfest](#)

Location: VAN WERT, OH

Sponsor: Van Wert Amateur Radio Club

Website: <http://W8FY.ORG>

[Learn More](#)

08/07/2021 - [MOVARC HAMFEST](#)

Location: Bidwell, OH

Sponsor: Mid-Ohio Valley Amateur Radio Club

[Learn More](#)

07/17/2021 - [NOARSFEST](#)

Location: Elyria, OH

Sponsor: Northern Ohio Amateur Radio Society

Website: <http://noars.net>

[Learn More](#)

08/07/2021 - [2021 Columbus Hamfest](#)

Location: Grove City, OH

Sponsor: Aladdin Shrine Audio Unit

Website: <http://columbushamfest.com>

[Learn More](#)

08/28/2021 - [Cincinnati HamfestSM](#)

Location: Owensville, OH

Sponsor: Milford ARC

Website: <http://CincinnatiHamfest.org>

[Learn More](#)

09/12/2021 - [Findlay Hamfest](#)

Location: Findlay, OH

Sponsor: Findlay Radio Club

Website: <http://www.findlayradioclub.org/hamfest>

[Learn More](#)

09/18/2021 - [Miami County Swap Meet](#)

Location: Troy, OH

Sponsor: Miami County Amateur Radio Club

Website: <http://w8fw.org>

[Learn More](#)

09/18/2021 - [Mound Amateur Radio Assoc. Swap Meet](#)

Location: Miamisburg, OH

Sponsor: MARA

Website: <http://W8DYY.ORG>

[Learn More](#)

09/26/2021 - [Cleveland Hamfest](#)

Location: Berea, OH

Sponsor: Hamfest Association of Cleveland

Website: <http://www.hac.org>

[Learn More](#)

[10/02/2021 - 10th Annual Vette City Hamfest, ARRL Great Lakes Division Convention](#)

Location: Bowling Green , KY

Sponsor: Kentucky Colonels Amateur Radio Club

Website: <https://ky4bg.com>

[Learn More](#)

10/31/2021 - [Massillon \(Ohio\) Hamfest](#)

Location: Green, OH

Sponsor: Massillon Amateur Radio Club

Website: <http://w8np.org>

[Learn More](#)

11/06/2021 - [GARC Hamfest](#)

Location: Georgetown, OH

Sponsor: Grant Amateur Radio Club

[Learn More](#)

2/04/2021 - [FCARC WinterFest](#)

Location: Delta, OH

Sponsor: Fulton County Amateur Radio Club

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

[Learn More](#)

Be sure to keep your eyes on this schedule as that when things start getting better and the vaccine rolls out to more and more, hamfests will surely get back to their normal schedule. Don't see your hamfest listed?? Did anyone register it with ARRL? It's really easy to do and you get a lot of FREE publicity if you do.

Upcoming NIMS Training Opportunities

Need to get those really hard to get ICS 300 and 400 classes to get to Level 3? They are now being offered with very limited virtual seating. Yes, these classes are being offered virtually now along with a lot of other classes that used to require in-class sessions. Want to see what and where these classes are being offered?

[>> Click Here <<](#)

Print an Official or Unofficial Copy of Your Amateur Radio License

(By Anthony Luscre, K8ZT)

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

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



[Click here to download the instructions](#)

One Question Questionnaire

Hey Gang,

I always seem to do better when I leave the same question up there for more than one week. I’ve only got a total of 70 responses so far, so, I’m going to keep the same question up there:



“Do you ever operate CW?”

Please, no stuffing the ballot box, but, if you haven’t voiced your opinion, please let us know, and make sure your other “HAM” friends cast their opinion too!

You’ll find the “One Question” questionnaire on the Ohio Section Website! <http://arrlohoio.org> It’s all for fun and it’s not a scientific survey in any way, but we are learning some things that we didn’t know from these questions. I hope that you are enjoying answering these “One Question” questionnaires.

V.E. Test Sessions

Many V.E.'s have decided to start testing once again, but with restrictions that need to be adhered to for sure. Here's the link to find that V.E. Test session and what is expected of YOU before going. <http://www.arrl.org/find-an-amateur-radio-license-exam-session>



Final... Final



For those of you who haven't heard, my three main goals for the Ohio Section are as follows:

1. I want every ham in the Ohio Section to get involved and have more FUN with their hobby than they ever thought possible! One of the most interesting things about Ham Radio is how many different ways there are to have FUN. If you're having fun, you'll be fully engaged and it will be contagious.
2. I want every citizen of the State of Ohio to be aware that YES – Amateur Radio still exists and it's as much fun and more exciting than ever. I also want every citizen in the State of Ohio to view Amateur Radio Operators in a positive manner, and as people who engage in their hobby with passion, a sense of service to their community, and as a group with a special bond of friendship and fraternalism.
3. I want to see the hobby grow. New Hams, and new ARRL members. There is strength in numbers!

All three of these goals work together. Each one supports the other two. I hope that you will support me in this.

With that out of the way, I want to wish you all a Happy Fourth of July! This is the weekend for celebration. I truly believe that the US of A is the greatest nation that has ever existed on this earth. I'm lucky to have been born here and I'm proud to be an American!

Last weekend being Field Day weekend, I did some travelling around the state of Ohio. In fact, over the two days I covered 740 miles. I didn't get to make as many stops as I had hoped for, but some of that was due to traffic and the rest was due to the fact that I spent longer at the stops I did make. And there's a really good reason for that – I got to meet and talk with some really fantastic people! Everyone treated me as if I were a long-lost friend. I came home smiling.

I'm going to post a couple photo's here from my travels, and you can post yours too! There's a special page set up for all the Field Day Pictures.. Here's the link.. <http://arrl-ohio.org/fd-21/> This link is also on the ARRL-OHIO.org main page as well. You can add your own pictures too, just them send them to: webmaster@arrlohio.org we'll get them added to the gallery. Make sure you let us know where the site was located and which club or group is represented.





Thank you. Thank you all for making this the best hobby in the world!

73, de Tom WB8LCD ARRL OH Section Manager
WB8LCD@ARRL.ORG
330-554-4650

“Swap & Shop” on the website

Hey Gang,

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

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



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

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

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

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

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

Welcome New Subscriber(s)



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

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!!"



Stop... We'll be back next week with another exciting adventure for your reading pleasure!

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!