



## *“March 14th, 2022 Edition”*

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### **CQ CQ CQ de WB8LCD**

I got up this morning (Sunday) all ready to head out to the NOARS winter fest in Elyria. Moved my clock ahead by an hour so I wouldn't be late. Opened the garage door and wow! I wasn't expecting this –



I'm pretty much ready for winter to be OVER. If this is the last of it, I'll be a happy guy. But we still have half a month of March to go... Anyhow, I drove out to the fest and had a really good time. Lots of good Ham Radio stuff there and a lot of it found new homes. On top of that, lots of good people were there and everyone seemed to be in pretty good spirits! It was a good show and I hope that's a harbinger of things to

come. One thing really stood out to me – they were really loaded up with a lot of good “door prizes”. I guess all the manufacturers have had a slow couple years when it comes to passing out the company “bling” so don’t miss out on your chance to win some prizes – check out the “Ohio Section Hamfest” listing on the website and make your plans to get out there this year!

[www.arrl-ohio.org](http://www.arrl-ohio.org) .



I’ve put it out in a previous PostScript, but following is my planned travels for this year +/- weather, covid, my schedule, new fests that get announced and the price of gas:

- April 9 - Cuyahoga Falls
- April 24 - Athens
- May 20 - DAYTON HAMVENTION
- July 9 - Mansfield
- August 13 - Cincinnati
- September 25 – Cleveland

I hope you’ll stop out and say Hello! at one of these events.

I’ve had to make plans for a trip out of state March 23-29. Since the Ohio Section Journal would normally come out that week on the 28<sup>th</sup>, I’m going to take a pass on that weekend and put out the OSJ on the first weekend of April and then get back on track the 4<sup>th</sup> week of April.

While I know I'm not the first to mention this, I'd like you to join me in congratulating the HARA club for being selected as the Hamvention "Club of the Year". I can tell you, this is a very big deal, and certainly well deserved! To all of the members of HARA, I hope you'll be able to attend Hamvention and celebrate your achievement there. Very Well Done!

A I mentioned last week, there will be a new "state-wide" net operating in the Ohio Section very soon and it will be targeted to the young hams of the Ohio Section ( age 9 through 20 – roughly). If you know of any hams that fit into this category please tell them about it. We're planning the first "on-air" net for Sunday, April 10<sup>th</sup> at 7:30 PM. It'll be on the K8IV repeater in Kent, OH along with Echo-link on the K8BF-L echolink node, so that it should be open to all on a Section wide basis. Again, more information will be coming, stay tuned.

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

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## *National News*

### *(from ARRL and other sources)*

Dear PIOs and PICs,

#### **World Amateur Radio Day is April 18.**

The members of the ARRL Public Relations Committee have organized two Zoom meetings to provide you with training, tips, and best practices to help you promote World Amateur Radio Day. These meetings are intended for ARRL Public Information Officers, Public Information Coordinators, and other ARRL Section volunteers. Before attending these meetings, please review the resources at [www.arrl.org/world-amateur-radio-day](http://www.arrl.org/world-amateur-radio-day) and prepare any questions you may have. The page includes a World Amateur Radio Day backgrounder, media advisory (template), downloadable poster, and graphics for social media use.

**Register now.** Use the following links to register for the session(s) you want to

attend. After registering, you will receive a confirmation email containing information about joining the meeting.

**Tuesday, March 15 | Best Practices & Tips for Promoting World Amateur Radio Day** (choose a time)

- 7:30 PM Eastern Time (US and Canada)  
[https://us06web.zoom.us/meeting/register/tZMocumppzwiH90tw-iy87sVB\\_iYiSgShhjp](https://us06web.zoom.us/meeting/register/tZMocumppzwiH90tw-iy87sVB_iYiSgShhjp)
- 9:00 PM Eastern Time (US and Canada)  
<https://us06web.zoom.us/meeting/register/tZUkcOqtqzkjHtHMKOEMJtT6JaU0LWaO4Cpx>

Thanks for all you do to help promote amateur radio, ARRL, and World Amateur Radio Day. I hope you'll join us!

73 Bob NQ1R

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**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<sup>®</sup>. 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*

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## Watch Rollout of Our Mega Moon Rocket

The launch of our uncrewed [Artemis I](#) Moon mission is fast approaching, and we're inviting you to join us for the final test before liftoff.

Starting March 17, our teams will roll the 322-foot-tall Space Launch System rocket and Orion spacecraft out of the Vehicle Assembly Building (VAB) at NASA's Kennedy Space Center in Florida and onto the launch pad for the first time.

The rollout involves placing the entire integrated launch system atop a crawler transporter, which will traverse the 4-mile distance between the VAB and Launch Complex 39B in a journey that is expected to take somewhere between six and 12 hours. Approximately two weeks after arrival at 39B, our launch teams will conduct a “[wet dress rehearsal](#)”, a final prelaunch test that includes loading the large, central core stage of the rocket with liquid oxygen and liquid hydrogen – that’s the “wet” part – and a mock countdown to launch.



Join us for a live broadcast of the rollout starting at 5 p.m. EDT on March 17, which will include live remarks from NASA Administrator Bill Nelson and other guests. Coverage will air on [NASA Television](#), the [NASA app](#), and our official social media channels.

PLUS: Is wet-dress whetting your appetite for launch? [Register](#) to be a NASA virtual guest for the launch of Artemis I and get curated resources, interaction opportunities, schedule changes, and mission specific information straight to your inbox. Following launch, virtual guests will be sent a stamp for their virtual guest passport!

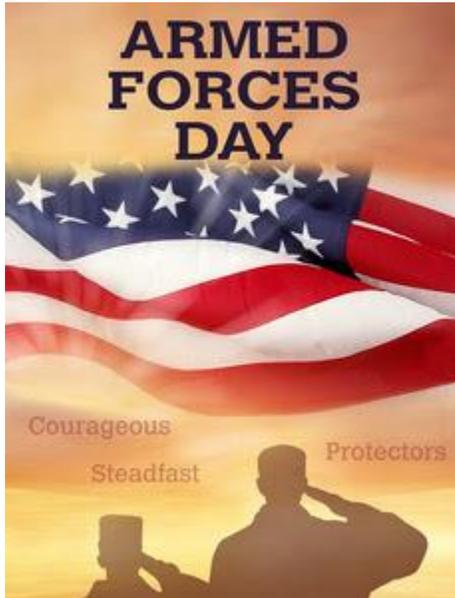
[Join Us Virtually for Rollout](#)

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## Annual Armed Forces Day Cross-Band Exercise Set for May 14

The 2022 running of the Armed Forces Day (AFD) Cross-Band exercise will be held on May 14, 1300 - 2200 UTC. A complete list of participating stations, modes, frequencies, times, and other

details [will be announced](#) on April 1. The event is open to all radio amateurs. Armed Forces Day is May 21, but the AFD Cross-band Military-Amateur Radio event traditionally takes place 1



week earlier in order to avoid conflicting with Dayton Hamvention®. During the exercise, radio amateurs listen for stations on military operating frequencies and transmit on frequencies in adjacent amateur bands.

Military and amateur stations have taken part in this event for more than 50 years. It's an exercise scenario, designed to include ham radio and government radio operators alike.

Per previous announcements: "The AFD Cross-band Test is a unique opportunity to test two-way communications between military communicators and radio stations in the Amateur Radio Service, as authorized in 47 CFR 97.111. These tests provide opportunities and challenges for radio operators to demonstrate individual technical skills in a tightly controlled exercise scenario that does not impact any public or private communications."

Military stations in various locations will transmit on selected military frequencies and announce the specific ham band frequencies they are monitoring.

An AFD message will be transmitted utilizing the Military Standard (MIL-STD) serial PSK waveform (M110) followed by MIL-STD Wide Shift FSK (850 Hz RTTY), as described in MIL-STD 188-110A/B. The AFD message will also be sent in CW and RTTY.

Full details will be released on April 1.

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## *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](mailto: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.

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## Skywarn Training Schedule for 2022

For insertion to your Club Newsletters and/or club meetings.

The National Weather Service will be conducting Skywarn Training classes in Summit and Portage Counties on April 5<sup>th</sup> and 14<sup>th</sup> respectively.

Details of how to sign up, times and locations when available can be found at [https://www.weather.gov/cle/SKYWARN\\_schedule](https://www.weather.gov/cle/SKYWARN_schedule).

If you haven't been to a class in the past due to CoVid, it is important to attend as some things may have changed in the way the NWS issues warnings and specifically what they are looking for in your reports.

I will publish updates as I receive them

73,  
Gregg - WB8YYS

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## Bus Trip to Hamvention!

The Silvercreek Amateur Radio Association (SARA) will be sponsoring a bus trip to Hamvention in Xenia Ohio on Saturday, May 21, 2022. The bus will depart from Akron, Ohio at 5:30am on the 21st. The bus is planned to arrive by the start of Saturday's event at 9:00am and will depart from the Hamvention bus area at 4:00pm for the return trip. The bus will make stops for breakfast (McDonald's) and dinner (Cracker Barrel) with both meals at your own expense.

The trip package includes the **bus fare and entrance ticket** and is priced at \$100. Reservations must be made by April 15th. *The bus requires a minimum purchase of 35 riders and SARA will cancel the event with full refund if 35 riders have not been scheduled and paid by April 15,*

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2022. Except for the case of a cancellation of the trip, all purchases are non-refundable. If there are bus seats remaining after April 15th, **bus fare only** will be \$74. Remaining seats will be filled on a first-come-first-serve basis.

Visit <https://w8wky.org/bustrip> for more information and to reserve your spot!

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## 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](http://www.arrl.org/arrl-sanctioned-events).

To apply for ARRL sanctioned status for your event, go to [www.arrl.org/hamfest-convention-application](http://www.arrl.org/hamfest-convention-application).

The ARRL Hamfests and Conventions Calendar can be found online at [www.arrl.org/hamfests](http://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>

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## 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](mailto: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](http://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](mailto:exams.w8bi@gmail.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](mailto: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](http://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](http://www.portcars.org) .

If you have any questions, don't hesitate to contact me at [KB8UUZ@gmail.com](mailto: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](mailto:msrobin1980@gmail.com)

## Your Club news should be listed here!

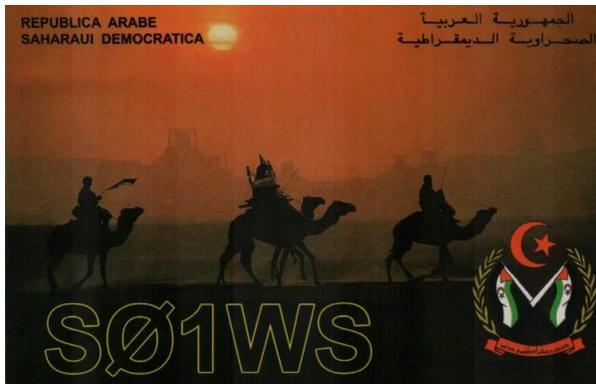
I know you're out there doing things! Send me a write-up (MSWord please) and some photo's (.jpg please) and we'll get your club hi-lited here for the other OH Section Clubs to see! Send to [WB8LCD@ARRL.ORG](mailto:WB8LCD@ARRL.ORG)

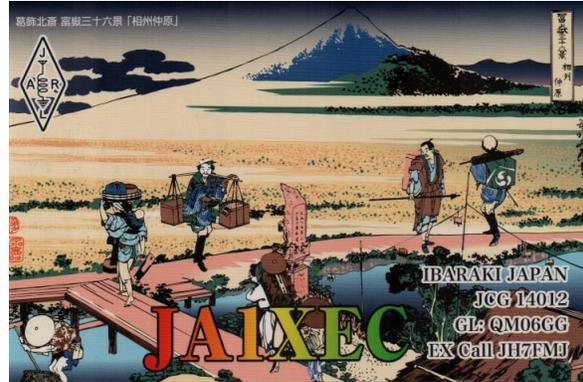
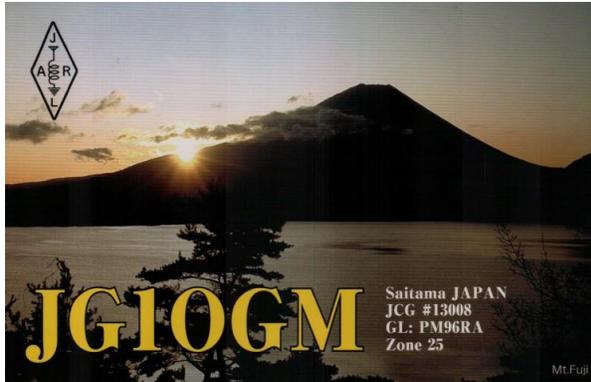
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DX This Week – K9LA  
Bill AJ8B (aj8b@arrl.net, @AJ8B, or www.aj8b.com)  
CWOPs Member #1567

This will be old news by now, but congrats to the Highland Amateur Radio Association on being selected as the Club of the Year! This is much deserved. Congratulations.

I received several nice cards this week including S01WS in Western Sahara, KL7J – Les in Soldotna, Alaska, JG1OGM – Hisao in Saitama, Japan, and JA1XEC – Katsu in Ibaraki, Japan. Let me know what you received!





## DAH DIT DIT DIT DAH DAH DIT DIT DIT DAH

Each year, W1JR, Joe Reisert, in conjunction with the Weekly DX, the Daily DX, and Bernie, W3UR, publishes the DX activity from the previous calendar year. I always find this a great read as it challenges me to work those entities that I missed. Even at the bottom of Cycle 24, Joe had some interesting items to report. Working and confirming DX comes down to 2 things #1 – Time in the Chair, and #2 – Listen, Listen. Listen.

Below is part 1 reprinted with the permission of W1JR, and W3UR – both great supporters of the DX Community.



**Special Edition – 2021 DXCC Year End Review – by Joe Reisert, W1JR – January 15, 2022**

**2021 Overview:** DXing in 2021 was very similar to what we experienced in 2020. Covid-19 and its variants prevented many DXpeditions. Others were postponed or cancelled altogether. This especially affected rare entities in Africa and Oceania. A few small DXpeditions did manage to operate mainly from Africa but often with great difficulties.

We are starting to see the beginning of solar cycle 25. Hopefully radio propagation will improve as we enter 2022. Despite poor radio propagation FT8 activity was high and filled in the gap.

About 268 entities were active during 2021, 20-25 less than normal. None of the top 10 most wanted entities on the Club Log list were activated. The only entity active in the top 20 was SV2RSG/A from Mt. Athos. Some rarer entities such as S01WS, 4U1UN, 5T5PA, and TZ4AM were available most of the year. This was the year of many unique commemorative call signs as well as many using YOTA in the suffix in December.

Bouvet activity as 3Y0I by the Rebel Group was delayed again due to COVID-19 concerns. A Norwegian group, 3Y0J has been formed to go to Bouvet in November 2022.

Several DXpeditions like CY0, and CY9 are now re-scheduled for late 2022 and W8S (KH8/S) in 2023.

Most DX gatherings and conferences scheduled for 2021 were cancelled or re-scheduled. Some even opted for Zoom presentations. The famous Hamvention building known as HARA Arena near Dayton is now a pile of rubble.

**Radio Propagation:** Early in the year radio propagation was poor but it improved later in the year. There were over 60 days with zero sunspots, far fewer than in 2020. In the first half of the year solar flux mostly hovered around 75. Then later in the year it broke 100 a few times and finally hit 144 in mid-December. This is good news for next year since higher solar flux means better propagation on the HF bands above 17 meters.

As in recent years more propagation forecast papers emerged. One paper proposed a possible link between the Jovian Planets, Jupiter, Saturn, Neptune and Uranus, to the long-term solar cycle. So far, no clear pattern has emerged for solar cycle 25. We'll just have to wait and see if it's better than most predictions near the end of the year.



**In April WW6RG, Randy, was QRV from Wake Island with this setup as KH9/WW6RG.**

**Club Log:** This website is becoming the main place to check logs especially during DXpeditions. Their “DXCC Most Wanted List” is always up to date. The 10 most wanted DX entities in order of rarity are still P5, 3Y/B, FT/W, BS7H, CE0X, BV9P, KH7K, KH3, 3Y0/P and FT/X. Many other features are available such as OQRS (Online QSL Request Service), DXCC Charts, Log Search etc.

**Digital Operations:** The WSJT-X Development Group consisted of K1JT, K9AN and G4WJS. IV3NWV took over for G4WJS after he died unexpectedly in December. The developers of FT8 etc. have just released software version 2.5.4. During 2021 FT8 was often the dominant mode for working DX. FT8 sensitivity is up to 10 dB better than CW. Hence it can often decode signals that are not audible. FT8 can be a band opener during times of poor radio propagation especially on the upper HF bands. It also allows smaller stations to participate. A new mode known as Q65 became available. It is highly recommended for EME (Earth-Moon-Earth), ionospheric scatter, and other weak signal work on VHF, UHF, and microwave bands.

According to mode analysis by Club Log, FT8 was often the dominant mode of communications outside of contests and during weekly CW Ops Tests (CWT). DXpeditions often use the F/H (Fox and Hound) split frequency mode several KHz above or below the normal FT8 channels. Furthermore, many FT8 operators are now transmitting in the upper portion of the channel to avoid QRM. RTTY operation is all but non-existent outside of contests and rarely used by DXpeditions.

Operating FT8 has a learning curve. Since most of the activity on the channel is displayed, it is fun to see many well-known DXers now operating FT8.

### **Band by Band Activity (Frequencies in MHz):**

**160 Meters:** Activity is low on CW except during Stew Perry and DX contests when activity fills the band. The cancellation of most of the planned DXpeditions due to COVID-19 really hurt 160 DX. FT8 activity has increased around 1.840. Try to avoid using frequencies divisible by 5 (e.g., 1.820, 1.825, 1.830 etc.) since broadcast birdies are often there.

**75/80 Meters:** DX activity has been low except during contests. It also is hurt by the cancellation of most DXpeditions due to COVID-19. FT8 activity on the other hand has increased around 3.573.

**60 Meters:** More entities have now received permission to operate on this band albeit many are often limited to 15 Watts and a dipole antenna. Well over 235 DXCC entities have been active on the band. Most DX activity is now concentrated around the third channel at 5.357 and almost entirely on FT8. The FCC is still considering non-channelized operation near channel 3 for USA stations. The ARRL DXCC program still does not recognize 60-meter contacts for DXCC credit. Remember that USA stations are limited to 100 Watts output power and a dipole antenna. Use of gain antennas require reduced transmitter power.

**40 Meters:** This was the workhorse band especially during the night and in the winter local time. However, much activity has shifted to the FT8 mode around 7.074. SSB activity is especially good during contests. Remember that USA stations cannot operate SSB below 7.125. It is best to stay above 7.128 for safety. As a reminder stations from Region 2 cannot transmit on SSB above 7.200.

**30 Meters:** 30 meters is still very popular especially for low power stations. The USA power limit is still 200 watts at the transmitter. This band is usually open for a few hours before sunset and after sunrise. It can be open almost all day during local winter. There is lots of FT8 activity around 10.136.

**20 Meters:** It is no surprise that 20 meters continues to be the go-to DX band especially during daylight although much of the activity has moved to the digital modes near 14.074. SSB activity is still high.

**17 Meters:** The lack of sunspots has really hurt the higher bands. However, 17 meters has been less affected and is often open shortly after 20 meters opens. There is lots of FT8 activity around 18.100. All modes seem to be doing OK on this band.

**15 meters:** With increasing sunspots 15 meters is starting to open and support DX.

**10 and 12 Meters:** Likewise, these higher frequency bands are beginning to support DX. Vigilant DXers took advantage of improved radio propagation. There is occasional activity here during the summer months when sporadic E propagation occurs.

**6 Meters:** In recent years DX seems to have gone almost all digital. MSK144 is popular all year around 50.260 while FT8 is most popular around 50.313 during band openings. EME DX using digital modes such as Q65 is becoming very popular during local moon rise and set as well as scatter. Over 120 stations contacted each of the FO/A and FO/M EME operation by W7GJ.

Frank, W3LPL, is now reporting up to date HF propagation in every issue of The Daily DX based on the NOAA/SWPC webpages.

### **2021 Month by Month DX Activity Sample:**

**January:** This is always a tough month especially being at the bottom of the solar cycle. This month had only 165 or so active entities, about 20-30 less than January 2020. Some notable rare to semi-rare stations active included VP6MW, JX2US, T6AA, S21VU, YI9WS, and TZ4AM.

**February:** Lots of DX contest activity plus 5UAIHM, S01WS and ZC4GR.

**March:** A25RU (45K QSOs), VK9CE (10K), 4U1UN, 8Q7MS, KH9/NL7RR, PY0F and DT8A.

**April:** C92RU (44KQ), ZL7DX, KH9/WW6RG, Z81D and T30TM.

**May:** TY5AB, ET3AA, VK9XX and 5N7MSE.

**June:** OJ0C and XT2AW.

**July:** T6AA and T6A went QRT after 101K and 22K (QSOs) respectively, SV2RSG/A and JW0W (16KQ).

**August:** HK0/HK3X (1K), 5I3B/5I3H, 5X3R, TY5AB and OJ0WS (2.4K).

**September:** CB0AA (Juan Fernandez), 7Q7CT, 3D2CR (Conway Reef 34.5KQ mostly FT8), D68AC/AD, XW8LP and 3B9FR returned.

**October:** Activity literally exploded starting with S9OK, J5HCT/J5T, SV2RSG/A, A35JP (5KQ), 3DA0RU (94KQ), 7P8RU (86KQ), PY0F, HD8R, 5A1AL, 3DA0WW, C5C (14KQ), TT8SS, VK9DX and TL7M/TL8AO (24KQ). Some of the rare entities were competing with each other at the same time.



OH2RF, Pertti, was QRV during late June and early July as OJ0MR on 6 meters.

**November:** Solar flux increased and 15 Meters and up improved. FH/K6ZO, FH/FR5DX, TZ1CE, 9N7AA, FJ/KP4DO and 9X4X.

**December:** Many YOTA (Youngsters on the Air) call signs during YOTA month. SV2RSG/A, 5A1AL, A52CC, and S21DX were active. GB2ZE and W2AN/BCG celebrated 100 years since the first USA hams were heard across the Atlantic

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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:

**Z8 - South Sudan** - Z81D (aka YI1DZ), Diya, returned to Baghdad a few days ago, late February, and has also renewed his Z81D license, planning a return to Juba, South Sudan, in four days, March 11. He expects to operate on the radio casually over the next six months.

**S2 – Bangladesh** - January 24th we reported on a planned S21DX operation by S21AM and S21RC, going to islands AS-140 and AS-127 late this year. A one radio operation last December put 5,300 QSOs in the log. They plan to increase that to as many as three rigs this next time, and with more power and better antennas, on SSB and also FT8 F/H. Two of the stations will be FT8 and one will be SSB and it appears it's the one with the high power.

**FK - New Caledonia** - 3D2TS, Phil, switches to the FK1TS callsign again, from Noumea, when he's there starting in April. He plans to stick to FT8 mostly and will upload within an hour after your QSO, upload to eQSL, Club Log and LoTW. QSL, he says, via M0OXO's OQRS.

**V7 - Marshall Islands** - V7/KX4QD, Randy, aka V73HW, has been working on Kwajalein Island for nearly three years and gives us some details of the current ops from the Marshall Islands. The current operators are V7/KX4QD (aka V73HW), Randall Hisle; V7/KD7ADI, Jeffrey Satterfield; V7/KA4WPX, Paul Cooper; and the club station V73AX. Activity is mostly on Fridays between 0500 and 1000Z and some weekends. The station includes 100 watt IC-7300 and IC-7410. For antennas they have a Yagi and dipole and can operate on all modes and all bands, except 440 MHz. They are hopeful to find a "remote Elmer", who might be able to help with "guidance and support to keep the club up and operational". They have a Facebook page at <https://www.facebook.com/Kwajhamshack>

**TT – Chad** - During 2022 TT8SN, Nicolas Sinieokoff, plans to be "QRV from time to time" on 10 and 6 meters as well on QO-100. Listen for him on CW and SSB. On 10 meters he has a four element Yagi, on 6 meters a seven element Yagi and on QO-100 using DX Patrol up and down - 1.2m dish, PA 6 watts

## DAH DIT DIT DIT DAH DAH DIT DIT DIT DAH

# 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!

Mar. 24	RSGB 80m Club Championship, SSB	<a href="https://bit.ly/31qpcJl">https://bit.ly/31qpcJl</a>
<b>Mar. 26</b>	<b>FOC QSO Party</b>	<b><a href="http://www.g4foc.org/qsoparty">www.g4foc.org/qsoparty</a></b>
Mar. 26-27	Veron SLP Contest	<a href="http://bit.ly/2L9eT1L">http://bit.ly/2L9eT1L</a>
<b>Mar. 26-27</b>	<b>CQWW WPX SSB Contest</b>	<b><a href="http://www.cqwp.com">www.cqwp.com</a></b>
Mar. 27	UBA Spring Contest 6m CW/ Phone	<a href="http://bit.ly/2KKAtb9">http://bit.ly/2KKAtb9</a>
Mar. 28	RSGB FT4 Contest Series	<a href="https://bit.ly/31qpcJl">https://bit.ly/31qpcJl</a>
Mar. 30	UKEICC 80m Contests CW	<a href="https://ukeicc.com/80m-rules.php">https://ukeicc.com/80m-rules.php</a>
<b>May 28-29</b>	<b>CQWW WPX CW Contest</b>	<b><a href="http://www.cqwp.com">www.cqwp.com</a></b>

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## ARLD010 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.

NIGER, 5U. Giorgio, IU5HWS is QRV as 5UA99WS from Niamey until March 20. Activity of late has been on 20 meters using SSB around 1100z. QSL via EA5GL.

TOGO, 5V. Andy, KB9IJI is now QRV as 5V7JA from Mango. Activity is on the HF bands using mostly SSB with some CW and digital modes. QSL via LoTW.

MALDIVES, 8Q. Laurent, F8CZI is QRV as 8Q7ZI until March 21. Activity is holiday style on the HF bands using CW and SSB. QSL to home call.

THE GAMBIA, C5. Don, G3XTT is QRV as C56DF until March 18. Activity is using mostly CW on 30, 17, and 12 meters. This includes being active in the RSGB Commonwealth contest. QSL to home call.

COMOROS, D6. Don, K6ZO will be QRV as D60AB from March 16 to 18. QSL direct to home call.

NORTH COOK ISLANDS, E5. Warwick, E51WL has been active using FT8 on 12 meters just before 2200z. QSL to home call.

KYRGYZSTAN, EX. Pavel, R2DX and other operators are QRV as EX0QR from the southern shore of Lake Issyk-Kul/Kyrgyzstan until March 16. Activity is on 160 to 10 meters using CW, SSB, and various digital modes. QSL via R2DX.

AUSTRAL ISLANDS, FO. Jacek, SP5EAQ is QRV as FO/SP5EAQ and TX5AQ from Rimatara Island, IOTA OC-050, until March 30. Activity is on 80 to 10 meters using SSB. This includes being active as TX5AQ as a Single Op/High Power entry in the upcoming CQ World Wide WPX SSB contest. QSL via SP7DQR.

FRENCH GUIANA, FY. Pete, F4GPK is QRV as FY/F4GPK from Kourou until March 17. Activity is holiday style on the HF bands. QSL to home call.

WALES, GW. Special event station GB20SOTA is QRV until March 26 from the Welsh SOTA summit of Mynydd y Cwm to celebrate 20 years of the Summits On The Air program. Activity is on the HF and V/UHF bands. QSL via M1EYP.

MINAMI TORISHIMA, JD1. Take, JG8NQJ is QRV as JG8NQJ/JD1 from Marcus Island, IOTA OC-073, until mid-June. Activity is on the HF bands using mostly CW. QSL via JA8CJY.

SEYCHELLES, S7. Ravi, S79VU has been active on 20 meters using SSB beginning around 1600z. QSL via N4GNR.

BELIZE, V3. Iain, G4SGX is QRV as V31GX from Ambergris Cay, IOTA NA-073, until

March 18. Activity is holiday style on 160 to 6 meters using CW and possibly FT8. This includes being active in the RSGB Commonwealth contest. QSL via LoTW.

SOUTH SUDAN, Z8. Diya, YI1DZ, will be QRV as Z81D from Juba beginning March 11 and will be here until September 11. Activity will be holiday style. QSL via OM3JW.

CAYMAN ISLANDS, ZF. Colin, G4CWH is QRV as ZF2CA from Grand Cayman, IOTA NA-016. Activity is on 160 to 10 meters using CW and SSB. His length of stay is unknown. This includes being active in the RSGB Commonwealth contest. QSL direct to home call.

The 4 States QRP Group Second Sunday Sprint, The OK1WC Memorial, Worldwide Sideband Activity Contest, RTTYOPS Weeksprint, CLARA Chatter Party, QRP 40-Meter CW Fox Hunt, Phone Weekly Test, A1Club AWT, CWops Test, VHF-UHF FT8 Activity Contest, Mini-Test CW 40, Mini-Test CW 80 and the RSGB 80-Meter Club CW Championship run from March 14 to 20.

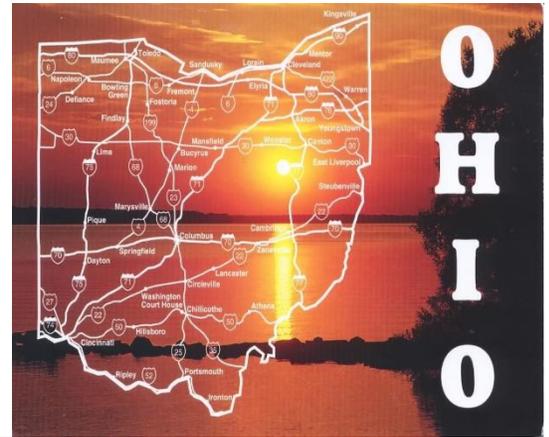
Please see March QST, page 72, and the ARRL and WA7BNM Contest web sites for details.

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## Upcoming *Hamfests*

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





## *Ohio Hamfests*

# 2022

<p><b>03/20/2022 - <a href="#">Toledo Mobile Radio Association Hamfest</a></b></p> <p style="text-align: center; color: red; font-size: 1.2em;"><b>Canceled</b></p>	<p><b>04/09/2022 - <a href="#">Sixty-Sixth Cuyahoga Falls Amateur Radio Club Hamfest</a></b>  <b>Location:</b> Cuyahoga Falls, OH  <b>Sponsor:</b> Cuyahoga Falls Amateur Radio Club, Inc.  <b>Website:</b> <a href="http://www.cfarc.org/hamfest.php">http://www.cfarc.org/hamfest.php</a>  <b>Learn More</b></p>
<p><b>04/24/2022 - <a href="#">Athens Hamfest</a></b>  <b>Location:</b> Athens, OH  <b>Sponsor:</b> Athens County Amateur Radio Association  <b>Website:</b> <a href="http://www.ac-ara.org/">http://www.ac-ara.org/</a>  <b>Learn More</b></p>	<p><b>04/25/2022 - 04/29/2022 <a href="#">RV Radio Network Spring Rally</a></b>  <b>Location:</b> Millersburg, OH  <b>Sponsor:</b> RV Radio Network  <b>Website:</b> <a href="http://rvradionetwork.com">http://rvradionetwork.com</a>  <b>Learn More</b></p>

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

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# OHIO'S



**March 13, 2022**

A major national amateur radio honor is coming to Southern Ohio. On Thursday's DX Engineering Facebook broadcast, host Tim Duffy, K3LR, interviewed HamVention spokesperson Michael Kalter, W8CI, who announced the winners of various major awards to be presented at this year's HamVention. Kalter announced the 2022 HamVention Club of the Year honor goes to Highland County's **Highland Amateur Radio Association** in Hillsboro. Congratulations go to HARA President Pat Hagen, N8BAP, and the 130 current members upon earning this honor. HARA has been on a roll the past year. They were first awarded the ARRL Special Service designation early in 2021. Then in October the ARRL's Board of Directors awarded the Phil McGan Silver Antenna Award to the Club's public information officer W8KIW. And now the Club is awarded the prestigious HamVention Club of the Year designation. The Club must be doing something right! In 2018 Northeastern Ohio's **Portage County ARS** received the award. Those who missed the DX Engineering Facebook announcement can view the video on the **Highland ARA** Facebook page. Congratulations.

We know spring is just around the corner when Daylight Savings Time takes place. Like it or not, the annual March ritual of changing our clocks to daylight savings time is happening. If by the time you read this column and you have not moved your clocks an hour ahead then you need to do so. If not, you might find yourself late for work, church, a doctor's appointment or a radio net like that of the **Highland ARA**'s Monday evening two meter net that now starts at 9 PM with the time change.

Although the **Sunday Creek ARF** Hamfest is normally the first Southern Ohio hamfest of the year, spring traditionally marks the birth of hamfest season. On the 5th, N8ZNR and I journeyed to Cave City, KY for our first hamfest since last fall's **Milford ARC** sponsored Cincinnati Hamfest in Clermont County. The Cave City hamfest is considered Kentucky's largest show and if it was any indication, the hamfests this spring and Summer should be good ones. It was good to see ARRL Director Dale Williams and Assistant Director Scott Yonally there as well as representatives from the **Grant ARA** and **Milford ARA** making the trip.

The deadline to submit the South 40 column is such we are unable to give a report on the just held **Mid-Ohio Valley ARC** of this past Saturday. We ask you to not forget to mark your calendar for the annual **Athens County ARA** Hamfest. It will be on Sunday, April 24. The folks there are working hard to prepare for a good show and will provide more details as the final arrangements fall into place.

Thanks to a Facebook head's up post by **Scioto Valley ARA** President Jesse Stanley, KC8CHP, we learned of a new planned hamfest. On Saturday, May 28, a Scioto Valley Trunkfest will be held at the Pike County Fairgrounds near Piketon. According to Jesse, the event is sponsored by the Pike County Sheriff's Department and will get underway at 8 AM. Although there is no fee to set up to sell, there is a \$5 per person admission charge.

The election of the 2022 **Cambridge ARA** officers took place at their February 26 business meeting. Elected were President, Jim Shaw, AB8P; Vice President Larry Dukes, KD8QYV; Secretary, Evelyn Barton, KA8NZS; Treasurer, Beverly Bunn, KD8MSL; Program/Activity Chair, Sonny Alfman, W8FHF and PIO, Lynn Alfman, N8IMW. The trustees will be Evelyn Barton; Dick Wayt, WD8SDH and Steven Bunn, KD8MFC.

In order to meet the needs of new hams the **Highland ARA** has revised and enlarged their Elmer program by introducing programs on their off-month meeting months. This past Tuesday evening KD8LSD, Tom Mongold, Jr., presented a program about towers and how to safely erect one. Club President Pat Hagen, N8BAP, said approximately 15 members attended. Future programs being considered are devoted to why one should attend a hamfest, handling traffic, Raspberry Pi's and HF mobile operating. HARA's Brunch Bunch met on Saturday morning, March 12 in the dining area of the Hillsboro McDonald's with a decent attendance including some newly licensed hams and some who have had licenses since the 1950s.

Joe Pater, W8GEX, of Oxford is the editor of the widely read and very informative "60 Meter DX" newsletter. Joe recently was the beneficiary of ham equipment belonging to the late Vince Davis, W8OUD. Since then he has proceeded donating it to new hams. Recently Joe was chatting with the **Southwest Ohio DX Association's** Bill Salyer, AJ8B, and asked him if he knew of any new ham in need of an HF radio. Bill said he didn't know any, but knew of a club that had a very successful licensing and Elmering program who would be able to use it. With Joe's OK Bill contacted the **Highland ARA** and as is said "the rest is history". On Thursday, Joe and Janet (W8CAA), and Bill met with HARA Secretary Kathy Levo (N8ZNR) and PIO John Levo (W8KIW) to make the donation of a Kenwood TS450S to assist HARA's mission to further the growth of amateur radio in Southern Ohio. Thanks to Joe and the late Dr. Davis. Salyer is also a columnist for the "Ohio Section Journal".



During the past week our area has experienced thunder and lightning, heavy rain and flooding, strong winds, warmer than normal temperatures dipping into the single digits within hours plus snow accumulations. This should remind us that Ohio's severe weather season is just around the corner and Ohio will observe Ohio Severe Weather Awareness Week on March 20-26. Recently the National Weather Service Wilmington Office announced they will not hold individual storm spotter training classes in their service region this year. Instead they will conduct two on-line sessions starting with the first one on Thursday evening, March 24 beginning at 6 pm. The final one is set for Monday evening April 18 at 7 pm. For those Southern Ohio area hams living in the Charleston NWS service area, their first on-line training was conducted on March 8 and another

will be held on the 24th at 7 pm. These are live webinars with live questions and answers. They will not be recorded. Check the appropriate NWS Office website to learn how to participate.

From over in Athens Ted Jacobson, W8KVK, of the **Athens County ARA** informs us of the annual Ohio University AMS Chapter's Meteorology Symposium. It will be held on March 19 in Room 235 of Walter Hall on the OU Campus. It is a free event and open to the public, but pre-registration is required. Contact <https://www.ametsoc.org/chapters/ohiou/syposium.html> for more information.

The next meeting of the **Tri-State ARA** will be at the Radio Museum in Huntington, WV on March 15. Things get underway at 7 PM.

Amateur radio in the Southern Ohio area continues to grow with new licenses being issued as well as a good number who upgrade. As previously reported, the **Scioto Valley ARA** held a successful test session on February 26 in Chillicothe. Melissa Leasure traveled from Huntington, WV and walked away with a Technician License. She is now KE8UAZ. Those upgrading from Technician to General were Henry Brown, KE8TTF from Columbus; Joe Corbin, KE8SYZ from Waverly and Nicholas Arnold, KD8FKB of Athens. Congratulations to each. At the recent **Lancaster Fairfield County ARC** test session Leesburg's Nate Luke passed his Technician license and is now KE8UDB. Nate is a technology teacher in the Greenfield McClain School District.

On Thursday evening, the **Southwest Ohio DX Association** held their first hybrid meeting combining those attending via ZOOM with those attending in person. According to Bill Salyers, AB8J, it was a success. Bill reminds us that tickets for the HamVention DX Dinner are still available.

The **Cambridge ARA** will conduct a Laurel VE Test Session on March 26 at 11:30. It will start following the Club's meeting. Anyone wishing information about the session should contact Jim Shaw, AB8P, at 740-305-5041. The **Tri-State ARA** will conduct a test session on April 9 at 9 AM at the Museum of Radio and Technology in Huntington. Walk-ins are welcome.

Through the **Queen City Emergency Net's** newsletter we have learned of the passing of the wife of former Great Lakes Division Vice Director Tom Delaney, W8WTD. Our condolences to Tom, their children, grandchildren and all who knew and were touched by Helen.

The **Athens County ARA** has two public service events in April they will provide communications for. The first is the Iron Furnace Trail Run on April 2 and the Athens Marathon on April 10. Several hams are needed for each event. If you can provide assistance to one or both, please contact Jeff Slattery, N8SUZ, at [n8suz@arrl.net](mailto:n8suz@arrl.net).

In December 1921, radio was regulated by the United States Department of Commerce who set aside a radio frequency of 833 KC to be used by radio stations for broadcasting items for entertainment purposes. Cincinnati's Crosley Manufacturing Company applied for and was granted a license authorizing it to broadcast on a shared time and frequency basis with another



Cincinnati entertainment station. On March 22, 1922 the station took to the air using randomly assigned call letters of WLW. Little did anyone realize from their humble beginning with 50 watts this station would later become the world's most powerful broadcast station running 500,000 watts and lighting up light bulbs and using fences to talk to farmers around the Mason, Ohio transmitter site.

That's it for another South 40 edition. Remember, if it's ham radio related, happening in the Southern Ohio area and you would like others to know about it, please let me know. Until next time, be safe, healthy and radioactive.

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

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## 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](#)

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## 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!



***How many hours per week do you spend on Ham Radio activities?***

***A) Less than 10 hours    B) More than 10 hours***

From the last Poll: ***Do you have a mobile rig in your car ?***

Out of 54 responses, 59.26% yes and 40.74% no.

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### 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@arrlohio.org](mailto:swap@arrlohio.org)

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### ***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>



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### ***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](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](mailto:webmaster@arrl-ohio.org)

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## *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](mailto: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!!"



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*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!*