



“December 13th Edition”

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CQ CQ CQ de WB8LCD

Well guys,

This is going to be a short one. Last Thursday and Friday I attended the Emergency Management Association of OHIO's annual winter conference. Very interesting time, which you will hear more about soon. Friday and Saturday I had grandkids over, which dominated all of my time. Today (Sunday) would have been when I got up and worked on this until about noon or 1:00PM (or whenever it was finished) and then went on to about a dozen other things I would have liked to have gotten finished up. Plans don't always go as laid out. It's almost 9:00PM and here I am just getting started! The bulk of my day was spent sitting in my car in the parking lot of the Akron Emergency Vet Clinic. Pebbles is OK but, was having some duress over the weekend. After almost 10 hours there, mostly doing nothing but sitting and waiting, we made it back home.

While at the EMAO convention, I got to thinking about ARES, and who it is we serve. I believe we exist (as in Part 97 of the rules) to Serve our Communities, especially in times of emergencies. We have focused our attention on the EMA's in each county, and that's good. But who else might need our support, especially in times of emergency, for communications? Hospitals are already on our radar, but perhaps they hold more need for us (opportunity) than we have already uncovered. How about colleges or school systems? Is there still a need for individual / personal communications that we might fill? I think these questions deserve our attention as we approach our changing role in communications overall. I would ask you to consider, are there areas of need that would be a good fit for our communications expertise? Let me know what you think..

I still, and will always believe, that Amateur Radio is the communications system of last resort. When all other systems have failed, we have the ability to create the system necessary for the situation, and that is our greatest strength.

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

From the Ohio Section to the National Convention

C. Matthew Curtin KD8TTE

Volunteers of the Ohio Section should be proud of our accomplishments over the past few years. Rather than simply bemoaning a lack of nationally-coordinated effort in emergency communication and other public service activity from Newington, we have led from the field. This work has caught attention throughout the nation (and in fact beyond) and will be part of the program at the ARRL National Convention in Orlando, Florida on February 10, 2022. I hope that you'll join me in Training Track #2: Emergency Communications Academy.

Before we address the program itself, let's first reflect on what happens in the Ohio Section that provides context and foundation for some of our efforts that have been getting national attention.

Our local emergency coordinators have developed relationships with emergency management agencies, disaster relief, and critical infrastructure organizations. Our net managers and statisticians have coordinated and operated nets, with most of our traffic nets holding at least one session per day, including holidays. Our volunteers diligently report into nets, report on their station activity, and help one another to improve in capability and operational maturity. But that's not all that we've done.

We've added regular events to our calendar that encourage not only operating but operating with a specific purpose in mind. The VHF+ Contest gives us a chance to operate at 50 MHz and above, encouraging us to expand the reach of our VHF stations beyond the path to our favorite repeaters' receive sites, use of the six meter band, and operations from emergency operations centers, roving stations, and other variations. During NVIS Day we have an opportunity to test various antenna configurations to see which systems work best for each of the purposes we have in mind. Efforts like the Black River Radio Ops weekly packet practice have allowed for practicing very useful if less well understood modes and systems of operation.

These events are fun. When planned and executed with discipline and care they also help us to understand and improve in operating conditions where our skills, equipment, and spectrum may be most urgently needed by our communities.

While emergencies may start and end as local concerns that can be addressed with local resources, we have seen time and again that emergencies don't necessarily stay that way, particularly where there's interruption of communication infrastructure. We have seen failures brought about from technical problems, natural disasters, and human actions. The Nashville bomb of Christmas 2020 impacted service in seven states, some parts catastrophically failing, including several cities' law enforcement agencies that took more than a day to restore even FirstNet. If we're fulfilling the vision articulated by the first justification of the Amateur Radio Service in the United States, in those cases we should be there to ensure that in those critical hours and days between failure and restoration of service, modern communication needs are addressed, including in and out of the affected area. A \$20 Chinese handheld just isn't enough.

Since the development of the BLACK SWAN series of exercises five years ago, we have taken affirmative steps to stress test and use ARRL's Field Organization structure to simulate activity in large-scale events. These exercises haven't been easy. They've required planning, some reorganization in some cases, and they have highlighted some pretty significant failures in our plans, organizations, and weaknesses in operating capability and even understanding of how some kinds of information need to flow. Good. That's what they're supposed to do: we can't fix problems that we don't know we have.

Particularly where we've conducted the proper after-action reviews and developed improvement plans, followed up with revisions to standards, procedures, and policies, as well as training, we as individual operators and the system as a whole are better off. Our service is more viable. Now we return to the beginning: when we're making and keeping those relationships, we're able to report on activities that demonstrate capability they might need to use in an emergency, and demonstration is what they need. Vague promises of working "when all else fails" don't get written into exercises and plans.

Our work has been noticed by local, state, and federal agencies, and has led to some changes in plans and systems to support communications, particularly with interoperability between U.S. Government and amateur stations.

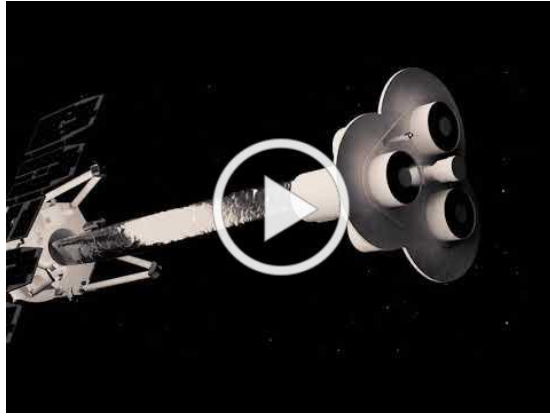
I had the privilege of presenting for training and then participating in the Hot and Cold 2020 exercise held in Alachua County, Florida, which drew operators from all around and beyond the North Florida Section over the weekend of February 29 and March 1. In that weekend I was able to share some of the experiences that we've had in the Ohio Section and pick up some valuable insights from the operation there. Subsequently I was invited to participate in the ARRL National Convention on the emergency communication track, originally slated for 2021, and now on for February 10, 2022.

Much of the program will be about integration: agency and volunteer operators, NTS and Winlink, field-expedient and fixed stations. I'm looking forward to returning to Florida, highlighting the good work that has been happening here in the Ohio Section, and what we're looking to do in our efforts for the coming year and beyond. Watch ARRL news for more information, and of course I hope you're able to make it down there to participate.

NASA Launches Next X-ray Astronomy Mission

NASA's Imaging X-ray Polarimetry Explorer, also known as IXPE, lifted off Thursday, Dec. 9, at 1 a.m. EST on a SpaceX Falcon 9 rocket from NASA's Kennedy Space Center in Florida.

After a successful launch, the rocket performed as expected, with spacecraft separation taking place 33 minutes into flight. Approximately one minute later, the spacecraft unfurled its solar arrays. IXPE entered its orbit around Earth's equator at an altitude of approximately 372 miles (600 kilometers), and mission operators received the first spacecraft telemetry data about 40 minutes after launch.



A joint effort with the Italian Space Agency, the IXPE observatory is NASA's first mission dedicated to measuring the polarization of X-rays from the most extreme and mysterious objects in the universe – supernova remnants, supermassive black holes, and dozens of other high-energy objects. IXPE will spend the next few weeks starting up and testing out its systems before making its first observations of the supernova remnant Cassiopeia A in January.

[Explore IXPE In Depth](#)

Senator Blumenthal Supports Amateur Radio at Senate Confirmation Hearing

Senator Richard Blumenthal (CT) received an affirmative reply from FCC Chairwoman Jessica Rosenworcel when he asked her to commit to providing his office "an update on the steps that the FCC is taking to support amateur radio operators." The Senator posed the [written](#)

[question](#) as part of Rosenworcel's renomination hearing conducted by the Senate Commerce, Science, and Transportation Committee.

Blumenthal noted specifically that "Radio amateurs voluntarily provide an array of public services, especially emergency and disaster-related support communications when infrastructure has been destroyed by a hurricane or similar disaster. Their contributions in this area are regularly recognized by local and state authorities."

"ARRL is grateful to Senator Blumenthal for his support and recognition of radio amateurs," said ARRL President Rick Roderick, K5UR. Blumenthal has previously co-sponsored legislation supporting amateur radio, and his staff was recently briefed by ARRL on pending amateur radio matters at the FCC. Roderick added, "We need the partnership of the FCC and Congress to ensure



US Senator Richard Blumenthal

our rules and spectrum continue to support the march of technological innovation in our vibrant Amateur Radio Service."

Multiple proceedings to update or change the FCC's Amateur Radio Service Part 97 rules to account for changes in technology and operating practices have been languishing at the FCC, some going back five or more years. ARRL is hopeful that these will be addressed soon.

Senate Confirms FCC Chairwoman Jessica Rosenworcel for a New Term

On December 7, the US Senate confirmed FCC Chairwoman Jessica Rosenworcel for a new term on the Commission with a vote of 68 - 31. President Joe Biden appointed Rosenworcel as Chair of the FCC in late October. For now, the FCC will continue with two Democrats and two Republicans led by Chairwoman Rosenworcel.



The chairwoman said in a [statement](#) after the Senate confirmed her nomination, "People across the country count on the FCC to support the connections they need for work, learning, healthcare, and access to the information we require to make decisions about our lives, our communities, and our country. I look forward to working with the Administration, my colleagues on the Commission and FCC staff, members of Congress, and the public to make the promise of modern communications a reality for everyone, everywhere."

The nomination of a fifth commissioner remains pending before the Senate. Last week, the Senate Commerce, Science, and Transportation Committee conducted a hearing on President Biden's nominee, Gigi Sohn, for the remaining Democratic seat. Committee and full Senate votes on her nomination have not yet been scheduled. -- *Thanks to ARRL Public Relations and*

Innovation Projects Manager Bob Inderbitzen, NQ1R

ARRL Seeks News Editor

ARRL is seeking a ham with a professional journalism background to handle ARRL's news function on a contract, remote basis. Candidates for ARRL News Editor should be plugged into the ham radio community, with a broad awareness of the major players (past and present) and the main issues (past, present, and potentially future) in the world of ham radio. Ideally, candidates will have professional journalism experience -- in particular, having a well-developed sense of knowing a potential news story when they see one, as well as how and where to research leads.



The News Editor creates news stories that are posted on ARRL's home page, and is responsible for publishing the weekly e-newsletter, *The ARRL Letter*, which is populated mainly by those stories and augmented by some special weekly material (a solar weather report, a contest calendar, a conventions calendar, etc.).

The News Editor is also responsible for creating the *ARRL Audio News*, a weekly audio show that presents stories from the home page and *The ARRL Letter*, and assembles the most relevant stories from ARRL home page into *QST's* monthly "Happenings" column.

For more information, [contact](#) ARRL Publications & Editorial Manager Becky Schoenfeld, W1BXY.

World's Smallest Moon Lander from Japan will Put Ham Radio Transmitter on the Moon

Japan's [OMOTENASHI](#), the world's smallest moon lander, will have an X-band and UHF communication system, although it will not carry an amateur band transponder. OMOTENASHI is a 6U CubeSat set for launch via a NASA SLS rocket as early as February 2022. It will have a mission period of from 4 to 5 days. The name is an acronym for Outstanding Moon Exploration Technologies demonstrated by Nano

Semi-Hard Impactor. Wataru Torii of the Japan Aerospace Exploration Agency (JAXA) Ham Radio Club, JQ1ZVI, said radio amateurs can play a role in gathering data from the spacecraft.

The spacecraft is made up of two separable components, both having independent communication systems -- an orbiting module and a surface probe. The orbiting module will take the surface probe to the moon. It will transmit beacon or digital telemetry data on UHF (437.31 MHz). The surface probe -- the moon lander -- will transmit digital telemetry or three-axis acceleration analog-wave with FM modulation on UHF (437.41 MHz). Transmitter power will be 1 W in both cases.



"If we succeed in receiving the UHF signal from the surface probe, we could know the acceleration data on the impact on the moon and the success of the landing sequence," Torii explained.

"We already have a station for uplink and downlink at Wakayama in Japan -- used as an EME [moonbounce] station. However, if the satellite is invisible from Japan, we cannot receive the downlink signal. So, we need a lot of help from ham radio stations worldwide."

The orbiting module beacon will transmit on 437.31 MHz using PSK31. The surface probe beacon will transmit on 437.41 MHz using FM, PSK31, and PCM-PSK/PM.

[Contact](#) Torii for more information.

ARES Resources

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

- [ARES Plan](#)
- [ARES Group Registration](#)
- [Emergency Communications Training](#)

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

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

The ARRL Foundation Scholarship Program Open Through Dec 31st

The ARRL Foundation Scholarship application period for the academic year 2022-2023 opens on November 1st and ends on December 31, 2021. I am asking you as a Section Manager to notify your Section membership of this opportunity. The Foundation issued \$550,000 in scholarships for 2021-2022 and for the academic year 2022-2023 there has been a significant increase in the number of large dollar scholarships available thanks to a generous contribution from Amateur Radio Digital Communications, Inc. (ARDC).

For the academic year 2022-2023, 130 scholarships will be offered totaling \$900,000! There are twenty \$25,000 scholarships, four \$15,000, seventeen \$10,000 scholarships, nine \$5,000 scholarships as well as dozens of \$1,000 and \$500 scholarships.

The descriptions of the many scholarships available are on line.

<http://www.arrl.org/scholarship-descriptions>

It is also very easy to apply as the scholarship application is on line.

<http://www.arrl.org/scholarship-application>

Since only amateur radio operator students may apply, the chances of being selected for a scholarship are good. It would be a shame for your members to miss this opportunity. Please place a notice in your Newsletter or send a separate E-Mail to your Section to let your members know that the ARRL Foundation offers over 130 scholarships and it only takes a simple online application to apply.

Since 1973, the ARRL Foundation, with the generosity of many donors and the hard work of a long line of dedicated Foundation Directors, has had a positive impact on the lives of many young amateur radio operator students. To ensure that this positive impact does not wane, I ask each of you to timely notify your members of

this opportunity. Being awarded an ARRL Foundation scholarship could mean the difference in whether a student can pursue their education in 2022-2023 or not.

Thank you.

Dr David Woolweaver, K5RAV
President, ARRL Foundation

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 send it to: webmaster@arrl-ohio.org Please! Format as below:

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



VE Sessions

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

Portage County Amateur Radio Service (PCARS)

The first Saturday of every even numbered month -10 am – at the PCARS club site in Ravenna. Please visit the PCARS web site and check out the information about VE testing in the latest newsletter at www.portcars.org . If you have any questions, don't hesitate to contact me at KB8UUZ@gmail.com

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

CARA HAM OF THE YEAR NAMED



Sonny Alfman, W8FHF, has been named Cambridge Amateur Radio Association’s 2021 “Ham of the Year.” His plaque was presented to him at the annual awards banquet on December 4 at Theo’s Restaurant.

Your Club news should be listed here!

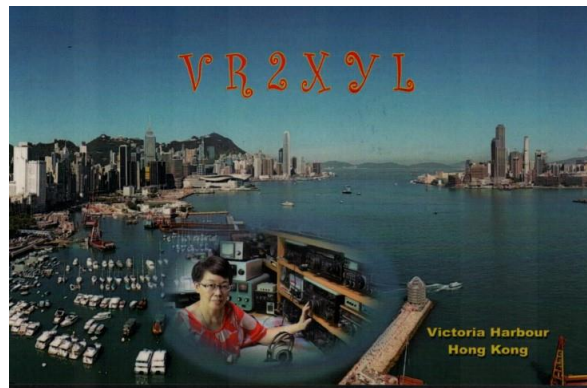
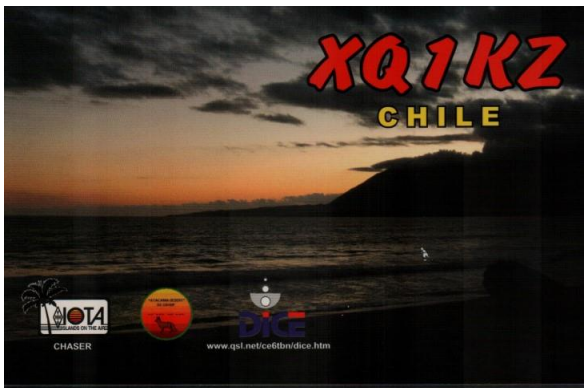
I know you're out there doing things! Send me a write-up (MSWord please) and some photo's (.jpg please) and we'll get your club hi-lited here for the other OH Section Clubs to see! Send to WB8LCD@ARRL.ORG

DX This Week – K9LA

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

There were several excellent DX signals floating around the band including Alaska, Albania, Algeria, Anguilla, Argentina, Asiatic Turkey, Azores, Brazil, Canada, Canary Islands, Cuba, Curacao, England, Fiji, Greenland, Hawaii, Jamaica, Kingdom of Eswatini, Mali, Malta, Mauritania, Mexico, Morocco, Namibia, Paraguay, Peru, Puerto Rico, Scotland, Senegal, South Africa, Spain, St. Helena, St. Martin, Suriname, Ukraine, Uruguay, and Western Sahara.

I received two nice cards this week. The first was from XQ1KZ – Nicolas in Antofagasta, Chile. The second was from VR2XYL – Pansy in Hong Kong. Let me know what you worked!



DAH DIT DIT DIT DAH DAH DIT DIT DIT DAH

This week I wanted to share an “interview” I had with a leading SWL, DE0WAF – Walter. When you receive SWL cards via the Buro, it is important that you reply to them. Hope you find this interesting.

German SWL Station Chats about SWLing— Walter—DE0WAF

I receive several SWL cards included in from the Buro. However, this one was different. standard, QSL card and the station had a I had to contact this station and get a few answered. Enjoy..



*each batch
It was a legit,
QRZ.com page.
questions*

Dear OM Bill,

I'll try to answer your questions as

AJ8B: How did you first get interested in SWL?

DE0WAF: As a schoolboy, I would listen to (MW and SW) under my bed-cover at night

follows:

foreign radio

AJ8B: When did you start being an SWL?

DE0WAF: In 1972 I gained membership in DARC, the German ARRL

AJ8B: Do you have a favorite band or mode?

DE0WAF: All SW bands (1.8-28mc), all modes (CW, phone and digital), now digital modes. (earlier RTTY, then PSK_n, QPSK_n, then JT65, now FT8 and FT4)

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

DE0WAF: Now that I'm retired (70 yrs old), any time I like and can.

AJ8B: Describe what you are currently using:

DE0WAF: RX: NRD-525G, Kenwood R-5000, SDR Perseus - ant: Titan DX

AJ8B: You have a German call sign and a QRZ.com page. Are you also an amateur radio operator?

DE0WAF: Newer German SWL id's are E1AAA - DE9ZZZ SWL, DE0AAA - DE0QZZ and DE0RAA-DE0ZZZ Deutsche Empfangsmeister,

i.e. SWL and WAC at all 5 classic SW-bands, confirmed by checked qsl cards

i.e. I'm not a licensed amateur, just SWL

AJ8B: Are you working towards awards?

DE0WAF: Yes

AJ8B: If so, what are they and what have you achieved so far?

DE0WAF: DARC Toplist (Hall of Fame DARC), 340 confirmed entities, WAE Trophy (6 bands), over 300 EPC awards etc. etc.

AJ8B: If someone were to be interested in becoming an SWL, how would they go about it?

DE0WAF: By visiting as many radio amateurs in the neighborhood as possible because the hobby of amateur radio is very manifold, more educational stations are necessary

AJ8B: Is there any other information you would like to share with us?

DE0WAF: I think I'm not a representative SWL, but the hobby is very great

73 Walter (DE0WAF)

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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:

KH2 & KH0 - Guam and Northern Mariana Islands WA7WJR, BJ, who has been in the Hawaiian Islands since March of this year is planning to be on Guam as KH2/WA7WJR in March of next year and then Tinian/Saipan as KH0/WA7WJR/P in April/May 2022.

<https://www.questsofdiscovery.com/discovery-dxpedition-page>

Barbados (8P) - Any rumors of Barbados (8P) being a new DXCC entity are just that. Barbados became a Republic on November 30, 2021 however, there has been no changes that would warrant a DXCC status change. Barbados is already a "Political Entity" on the ARRL DXCC list, as it has all three qualifiers - Member of the UN, its own ITU Prefix and is a member of the IARU. No DXCC change!

JD1/O - Ogasawara Islands JG7PSJ, Harry, is heading back to Chichijima, Ogasawara Islands (AS-031) where he will be QRV as JD1BMH from Saturday December 18th through Saturday January 1, 2022. Activity will be on CW, SSB and RTTY on 3.5 through 28 MHz QSL via the bureau or direct to JG7PSJ.

3B8 – Mauritius - HB9DNG (aka F5UKV), Ray, will be settling at a seaside QTH in Pereybere on the north end of Mauritius, starting around January 20, 2022. He has received the callsign 3B8HH and plans to run 100 watts into wires and End Fed aerials. Activity will be on 80 through 2 meters, and possibly 160 meters, mostly on CW and sometimes on SSB. Once he has his station up and running, he does plan some digital activity on RTTY and PSK in addition to FM work on the high end of 10 meters. Listen for him daily after 1800Z. He will be uploading QSOs to Club Log. QSL direct or via the MARS QSL Bureau.

FO/A - Austral Islands - FO/SP5EAQ, Jacek, will be a "suitcase type DXpedition," he says, March 2-30, "if not jeopardized by COVID." The QTH will be Rimatara, IOTA OC-050. He has asked for a special call for the WPX Contest. He will have an Elecraft K3 and 500-watt amplifier to verticals, on 80-10, "only SSB." He hopes to have time to put together a "modest website" before Christmas. Jacek has previously operated as

VK9NE, T2AQ, E51EAQ, ZK3Q, 5W0AF, A3EAQ, T30AQ, 3D2MJ, ZL7/SP5EAQ and ZA/SP5EAQ. Jacek says W7GJ, who has operated in the region has been helpful with advice. Jacek says he has accumulated many vacation days from the research institute where he works, and Polynesia is periodically open to tourists without many restrictions. He says he is "passionate about DX travel to the Pacific countries," and with the popularity of digital modes there have been less SSB DXpeditions. QSL via SP7DQR and LoTW after he returns to Poland.

SV/A - Mount Athos - W4DR, Bob, had a solid 160M FT8 F/H QSO December 3 UTC with SV2RSG/A. It was an 8-minute opening and Bob thinks he was one of the very few in NA to work them on 160 that night. A few in Maine and Ohio were heard calling but never sent reports. Bob says conditions to Europe on 160 rapidly deteriorated shortly after his QSO. His QSO was at 0014Z and he "printed him" at 0006Z and lost copy at 0015Z.

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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!

Dec. 17	AGB Party Contest	https://tinyurl.com/6fke5yb6
Dec. 17	Russian 160M Contest	www.grz.ru/contest/detail/90.html
Dec. 18	RAC Winter Contest	www.rac.ca/contesting-results
Dec. 18-19	Croatian CW Contest	www.9acw.org/index.php/rules/english
Dec. 18-19	OK DX RTTY Contest	www.crk.cz/ENG/DXCONTE
Dec. 18-19	Stew Perry Topband Challenge	www.kkn.net/stew
Dec. 19	ARRL Rookie Roundup, CW	www.arrl.org/rookie-roundup
Dec. 26	DARC Xmas Contest	www.darc.de/?id=820
Dec. 26	RAEM Contest	https://raem.srr.ru/rules
Dec. 30	YOTA Contest	www.ham-yota.com/contest
Dec.31-Jan.1	Bogor Old and New Contest	https://contest.orari-bogor.org
Jan. 1	AGB New Year Snowball Contest	https://tinyurl.com/6fke5yb6

Jan. 1	QRP ARCI New Year's Day Sprint	http://qrpcontest.com
Jan. 1	AGCW Happy New Year Contest	https://bit.ly/35nBqSR
Jan. 1	AGCW VHF/UHF Contest	https://bit.ly/3lw91PK
Jan. 1	ARRL Kids Day	http://www.arrl.org/kids-day
Jan. 1	ARRL Straight Key Night	http://www.arrl.org/straight-key-night
Jan. 1-2	Original QRP Contest	www.qrpcc.de/contestrules/index.html
Jan. 1-2	WW PMC Contest	http://bit.ly/2y2QWCc
Jan. 5	UKEICC 80 M Contest SSB	https://ukeicc.com/80m-rules.php
Jan. 5	VHF-UHF FT8 Activity	www.ft8activity.eu/index.php/en
Jan. 8	PODSX PSKFest	http://bit.ly/2Qv3wkA
Jan. 8-9	ARRL RTTY Roundup	www.arrl.org/rtty-roundup
Jan. 8-9	EUCW 160m Contest	www.eucw.org/eu160.html
Jan. 8-9	YB DX Contest SSB	https://ybdxcontest.com
Jan. 9	DARC 10-Meter Contest	http://bit.ly/2pCiRo1
Jan. 9	NRAU - Baltic SSB Contest	www.nraubaltic.eu
Jan. 9	NRAU - Baltic CW Contest	www.nraubaltic.eu
Jan. 12	VHF-UHF FT8 Activity	www.ft8activity.eu/index.php/en
Jan. 15-16	Hungarian DX Contest	www.ha-dx.com/en/contest-rules
Jan. 15-16	NA CW QSOP	http://ncjweb.com/naqp
Jan. 15-16	UBA PSK63 Prefix Contest	http://bit.ly/2Oi8fsa
Jan. 15-17	ARRL Jan VHF Contest	www.arrl.org/january-vhf
Jan. 22-23	BARTG RTTY Sprint	http://bartg.org.uk/wp/contests
Jan. 22-23	North American SSB QSOP	http://ncjweb.com/naqp
Jan. 26	UKEICC 80 M Contest CW	https://ukeicc.com/80m-rules.php
Jan. 28-30	CQWW 160M CW Contest	http://cq160.com/rules.htm
Jan. 29-30	REF CW Contest	https://tinyurl.com/78z37kdi
Jan. 29-30	Winter Field Day	www.winterfieldday.com

ARLD049 DX news

This week's bulletin was made possible with information provided by OH0NC, 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.

SENEGAL, 6W. Dani, EA4ATI is QRV as 6W1TG from Dakar. Activity is on 80 to 10 meters using mainly SSB. QSL via LoTW.

MALDIVES, 8Q. Tor, DG7RO will be QRV as 8Q7RO from Fihalhohi Island, IOTA AS-013, from December 11 to 27. Activity will be mainly on Satellite QO-100. QSL to home call.

ZAMBIA, 9J. Mario, IK1MYT is QRV as 9J2MYT from Lusaka until June 2022. Activity is on 40, 20, 17, 15, and 10 meters. QSL direct to IZ3KVD.

QATAR, A7. Special event stations A721FAC and A721FCA are QRV until December 18 during the FIFA Arab Cup 2021. QSL via bureau.

SPAIN, EA. Pascual, EA5WO is QRV with special event callsign AN5OKW from Torrent until December 20 to commemorate the 80th anniversary of the Battle of Moscow. Activity is on the HF bands using various digital modes. QSL via LoTW.

THAILAND, HS. Brad, VK2BY will be QRV as HS0ZNR from the Nam Yuen district from December 12 to January 21. Activity will be on 160 to 10 meters. QSL direct to home call.

SAUDI ARABIA, HZ. Some members of the Saudi Association of Radio Amateurs are QRV with special event station HZ19SAT until December 28 as part of a Saudi Satellite Event. QSL via operators' instructions.

FINLAND, OH. Finnish amateur radio operators are allowed to use the prefix OF until December 23 to celebrate the 100th jubilee of the Finnish Radio Amateur Society, SRAL. QSL via bureau.

WESTERN SAHARA, S0. The Sahrawi Amateur Radio Union special event callsign S0S is QRV from Tifariti. Activity is on 40, 17, and 10 meters using SSB. The length of activity is unknown. QSL direct to EA2JG.

BANGLADESH, S2. Station S21DX is QRV from Manpura Island, IOTA AS-140, until December 16. Activity is on the HF bands using SSB and FT8, and on Satellite QO-100. QSL via EB7DX.

SLOVENIA, S5. Special event station S522PMC is QRV until January 2 to promote the PMC Contest. QSL via bureau.

KAZAKHSTAN, UN. Special event stations UN30RK, UP30RK, UO30RK, and UQ30RK will be QRV from December 11 to 19 to commemorate the 30th anniversary of Kazakhstan's independence. QSL via LoTW.

BURKINA FASO, XT. Harald, DF2WO is QRV as XT2AW from Ouagadougou until December 20. Activity is holiday style on 160 to 6 meters using CW, SSB, and various digital modes. QSL via M0OXO.

The 4 States QRP Group Second Sunday Sprint, OK1WC Memorial, Worldwide Sideband Activity Contest, RTTYOPS Weeksprint, NAQCC CW Sprint, QRP 40 Meter CW Fox Hunt, Phone Fray and CWops Mini-CWT Test are scheduled for December 13 to 15.

Please see December QST, page 62, and the ARRL and WA7BNM Contest web sites for details.

OHIO'S



The final pages of 2021 are quickly being turned and the number of remaining 2021 ham radio activities in the Southern Ohio region are becoming fewer and fewer. So let's take a look at those remaining events.

The **Highland ARA's** President Pat Hagen, N8BAP, announces ARRL Great Lakes Division Director Dale Williams will be on hand at the Club's December 14 Christmas Dinner Party to make a special award presentation on behalf of the ARRL's Board of Directors. Hagen also states Vice Director Scott Yonally will attend the event. Secretary Kathy Levo, N8ZNR, reports a record 85 plus reservations have been received to date for the dinner party! Because the event had to be cancelled last year, this year her committee is going all out for a great occasion featuring a catered meal, door prizes, award presentations, a raffle drawing and elections. Last minute reservations will try to be accommodated. Telephone Levo at 937-393-4951.

The Senior Nutrition Center in downtown West Union is the site for the **DeForest ARC's** Christmas carry-in dinner on the 14th. The dinner will start at 6:30 PM and be followed by a short business meeting and 2022 officer elections.

That same evening, and across the River from Adams County, the **Greater Mason County ARA** will conduct elections and celebrate the season with a dinner at the Mason County EOC Building. Correspondent Brent Wells, N4BDW, says the evening's activities start at 7:30 PM.

Also across the River but in West Virginia the **Tri-State ARA** will hold their annual Christmas dinner on the same evening at the Museum of Radio and Technology in Huntington, WV. Teresa and Mark Killen will be preparing the food and ask those attending to bring a desert. Please RSVP your intent to attend to Mark or Teresa at 740-550-3778.

Tom Delany, W8WTD, informs us the annual Christmas Party for the **Queen City Emergency Net** will take place on Friday, December 17. It will be a carry-in at the Red Cross Building on Dana Avenue in Cincinnati. All QCEN members are urged to attend.

The **Athens County ARA's** traditional Christmas Holiday Dinner will be held this year at the Pizza Cottage, 951 East State Street in Athens on Tuesday evening December 21. Besides pizza items, the restaurant features a full menu as well as a stocked bar. The Club will furnish appetizers and punch. Things start at 5:30 PM.

This past Saturday evening, several members of the **Highland ARA** assisted the local merchants by organizing and getting the annual Hillsboro Christmas Parade underway through the city's uptown streets. For some HARA members it was the first time they had assisted with such an event.

Some weeks back the **DeForest ARA** held a club program devoted to emergency preparedness preparations. According to Club President Kim Paquette, N8YWX, the program was so well received it was decided to offer it to the community. Therefore this past Saturday it was presented at the Guardian Methods facility near Peebles. Several presenters covered several aspects of basic trauma, home safety and emergency preparedness when at home or away. Duff Kindt, K8TFG, was the event coordinator.

Word from Mike Love, WB8YKS, is the December 20 meeting and test session of the Southern Ohio ARC has been cancelled.

Ted Jacobson, W8KVK, informs us of a new ham in Washington County. He is James McComas who has passed his Technician License and is now KE8TKY. He resides in Little Hocking. Congratulations and WELCOME!

Our congratulations go out to Sonny Alfman, W8FHF, on being named the **Cambridge ARA**'s Amateur of the Year. His selection was announced at the Club's December 6 Awards Banquet. Sonny was first licensed in 1962 as WA8FHF, but later was to get the "A" deleted when the callsign came available. He has been most active in the Club's testing and mentoring programs. Alfman was presented with a plaque to honor the occasion.

There is a large bell cast by the C S Bell Company in front of the Highland County Historical Society Museum. For well over 20 years the **Highland ARA** has held a New Year's Net to see who will be the first person to use the Club's repeater in the new year and as an activity to pass greetings to other area amateurs. Four years ago the museum board decided to usher in the New Year with the ringing of the Hillsboro manufactured bell. Upon learning those plans HARA contacted the HCHS and received permission to broadcast the bell ringing. John Willis, KE8JEM, says the ringing of the bell and HARA's traditional New Year's Net will kick off 2022 with this year's broadcast starting at the stroke of midnight. Any station within the footprint of either the Hillsboro 147.21 (100hz) or the Greenfield 146.685 (118.8 hz) repeater is invited to join in the fun and check in. Stations unable to hit the repeater may email highlandara@gmail.com to let HARA know they were heard. Usually some conversations start after the fun is over and often last into the wee-wee hours of the New Year.

Historically the **Sunday Creek ARF**'s popular hamfest kicks off the ham radio hamfest year in Ohio. Because of COVID, last year's Nelsonville event was decided to be cancelled. But this year it will return, but at a new location. This coming year the January 16 event will be moving to the Community Center in Shade, Ohio. As details are evolving, watch the OSJ and this column for informational updates as we get closer to the date.

And speaking of hamfests, word from Athens County and the **Athens County ARA** is the always popular Athens Hamfest will return to the city's community center on Sunday, April 24.

Last week I asked--One of the most popular toys of all time is the Slinky. How many feet of wire is in it? Actually this should be a rather easy answer for those who work 40 meters on a regular basis as you may have worked someone using a Slinky for their antenna. According to the History Channel, the Slinky has 80 feet of wire in it and was used as a radio antenna during the Vietnam Conflict by our military on their 7 MHz to 8 MHz frequencies because it was easy to transport and could easily be thrown into a tree and stretched out to use.

Have you ever thought of shopping in the "Trim Your Tree" department at you nearest home improvement store for antenna materials? As we get closer to the big day, many stores start reducing the prices on items used for decorating. For instance, a tree stand for an eight foot tree can hold an antenna mast for a temporary use. The poles used to string lights along tree limbs or on house gutters can be used to thread antenna lines through or over tree branches. Another item often found is called the 'Twist and Seal'. It was designed to keep water from entering the junction of two Christmas light strands, but it does a great job protecting a PL259 from the elements. Bags for storing Christmas lights are good to use for storing that HF dipole you deploy when operating portable or having in your Go Kit. And who says those red and green storage totes have to be used only for storing ornaments and other decorations?

That does it for another edition. Here's hoping everyone has a safe, healthy and radio-active week as we get closer to celebrating the reason for the season.

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

Upcoming Hamfests

We **DO** have some hamfests scheduled for 2021!! Yes, take a good look at the list. The sad news is, if it doesn't show up here now, it's been cancelled!

*****Starting in December we will be listing all the upcoming 2022 Hamfests! And, there are a bunch already. Stay tuned.*****



Ohio Hamfests

2022

<p>01/16/2022 - Sunday Creek Amateur Radio Federation Hamfest Location: Shade, OH Sponsor: club members Website: QRZ KC8AAV Learn More</p>	<p>03/13/2022 - Winter Hamfest Type: ARRL Hamfest Sponsor: Northern Ohio Amateur Radio Society Learn More</p>
<p>03/20/2022 - Toledo Mobile Radio Association Hamfest and Computer Fair Location: Perrysburg, OH Sponsor: Toledo Mobile Radio Association Website: http://tmrahamradio.org Learn More</p>	<p>04/09/2022 - Sixty-Sixth Cuyahoga Falls Amateur Radio Club Hamfest Location: Cuyahoga Falls, OH Sponsor: Cuyahoga Falls Amateur Radio Club, Inc. Website: http://www.cfarc.org/hamfest.php Learn More</p>

<p>05/20-22/2022 - Dayton Hamvention Location: Green County Fairgrounds, OH Sponsor: Dayton Amateur Radio Association Website: https://hamvention.org Learn More</p>	
<p>06/04/2022 - FCARC Summer Hamfest Location: Wauseon, OH Sponsor: Fulton County Amateur Radio Club Website: https://k8bxq.org/hamfest Learn More</p>	<p>07/09/2022 - Mansfield Mid Summer Trunkfest Location: Mansfield, OH Sponsor: Intercity Amateur Radio Club Website: http://www.w8we.org Learn More</p>
<p>07/17/2022 - Van Wert Hamfest Location: Van Wert, OH Sponsor: Van Wert Amateur Radio Club Website: http://W8FY.ORG Learn More</p>	<p>08/13/2022 - Cincinnati Hamfest Location: Owensville, OH Sponsor: Milford ARC Website: https://CincinnatiHamfest.org Learn More</p>
<p>09/25/2022 - Cleveland Hamfest Location: Berea, OH Sponsor: Hamfest Association of Cleveland Website: http://www.hac.org Learn More</p>	

Print an Official or Unofficial Copy of Your Amateur Radio License

(By Anthony Luscre, K8ZT)

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



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

[Click here to download the instructions](#)

One Question Questionnaire

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!



Because of COVID, over the past two years have you been “on air” MORE or LESS than in prior years?

From the last Poll: ***Do you have any goals for your experience in Amateur Radio for 2020?***

55% said YES and 45% said NO. Before January 1st I would encourage you to look at your hobby and decide how you want to participate in it in the coming year. Set some personal goals, make a plan to achieve them, and then, most importantly, *work the plan!*

Ohio Section Cabinet

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



Hey Gang,

Have you taken a look at the **Swap & Shop** page on the Ohio Section webpage yet?? Here's a link that will take you there... <http://arrl-ohio.org/sm/s-s.html>

Do you have equipment that you just don't need or want anymore? Here's a great venue to advertise it, and it's FREE!! Is your club doing a fund raiser to help raise money? After a lot of thought, it was decided that the Swap & Shop webpage could also contain these types of items as well. The same rules will apply as do for the For Sales and Give-A-Ways and will only be posted for a month at a time. Please see the Terms & Conditions on the webpage.

If your club is doing a fund raiser and wants more exposure, please forward the information to me and I'll advertise it on the Swap & Shop webpage for you.

Now, I still want to remind you that it won't be listed in this newsletter because it would take up way too much space, so your ad will only appear on the website. It is there for any individual to post equipment Wanted / For Sale or Give-Away as well as for Club Fund Raisers. No licensed vehicles/trailers or business advertising will be posted. Postings are text only (no pictures or graphics) will be posted for a maximum of 1 month from date posting and require a contact phone number or email within the posting. Send your Wanted / For Sale or Give-Away post to: swap@arrloho.org

Back Issues of the PostScript and Ohio Section Journal

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



Want to Share your Club Newsletter With Others?

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

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

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



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

Chit – Chat, and All That!

Do you know someone that's not getting these Newsletters? Please, forward a copy of this Newsletter over to them and have them "[Opt-In](#)" to start receiving them. Heck, just have them send an email to: webmaster@arrl-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://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!!”



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!