



Zero Beat

Volume XXXV, no 12

<http://www.w8lky.org>

December, 2021

Serving the Tri-County area since 1986

Club Programs & Events

December 4th - Club Breakfast
December 8th -
Club Christmas Dinner
January 12th - Club Meeting
([for all events, see w8lky.org](http://www.w8lky.org))

Club Breakfast

On the first Saturday of each month, we meet for breakfast at

**Don Panchos Restaurant
(2105 W. State St, Alliance)**

All are welcome.

Club Meeting

No club meeting this month. Look for our next meeting on January 12th at Don Pancho's

Club Christmas Dinner

Dec 8th, 6PM @ First Christian Church (1141 W. Beech St, Door 5)

w8lky.org/2021-aarc-christmas-dinner/

"Tis The Season"



We are entering the last month of 2021 and the past year has been quite a challenge. But there is one great advantage of being a Amateur Radio Operator. We can look out the window

and it is 20

degrees and the snow piling up and we can be drinking a cup of coffee and talking to someone near or

far away. It is a great and wonderful feeling to say the least.

Together, we have weathered another year of this dreaded COVID-19 and mutation of the COVID

and we are still standing and talking on the air waves. We might not had the pleasure of many face to face monthly business meetings as we had wished, but our Two(2) Meter Net severed it's purpose. So we can count our blessings together during this soon to be another November to remember and a joyous December of 2021 yet to be experienced.

We shared together two(2) separate ways and means fundraisers. The first was our HF Transceiver raffle and the our Chinese Auction at our really great October face to face meeting. We pro-

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AARC Meetings

The Alliance Amateur Radio Club meets on the Second Wednesday of each month at **Don Panchos Tex-Mex Cafe**. For times, and program information, check the meeting announcement in this newsletter, or check our website (see below)
Talk-in on either of the club repeaters.
Meetings begin at 7:30 PM. Visitors are always welcome.

Find Us Online:

Web: www.w8lky.org

E-mail: w8lky.radio@gmail.com

AARC Repeaters

2 Meters

145.370 (-) W8LKY
(PL - 110.9hz)

440 MHz

442.350 (+) W8LKY
(PL - 131.8hz)

Nets

Tuesday

Homeland security Net

7:00PM 147.51 Simplex

Thursday

Ten Meters

8:00PM 28.420 MHz (SSB)

8:20PM 28.100 MHz (CW)

Two Meters

9:00 PM 145.37 MHz W8LKY (-)

"Tis The Season" - Continued

vide donations to Alliance Police and Alliance Fire Departments Firefighters Unions and the Salvation Army Holiday Fundraising efforts. That was a fine testimonial to everyone's efforts to make this year of 2021 still something to rejoice in and bring a smile to our faces, job well done.

We have planned a wonderful evening to join together in fellowship and celebration of 2021. The date is December 8th and the location is Fellowship Hall in Alliance First Christian Church 1141 West Beech Street (enter door 5). The meal will be served promptly at 6pm, the menu is your choice of baked chicken or a tasty ham loaf, green beans, mashed potatoes and gravy and a great dessert. Please note methods of making reservations (\$12. Each person) on our web site or contact Ron or John. At 8pm, a Sixteen(16) member Senior High School Vocal Group "Duke Street" from Marlinton High

School will entertain us, featuring some great Holiday Music selections. At 9pm, we will present Honors both Individually and Ham of the Year for 2021. Tom Sly, ARRL Ohio Section Manager will offer remarks Dress is to be appropriate for the occasion when possible, we realize some may arrive late because of work schedules. Everyone should make an effort to be at this year end event of AARC.

73

Ron(KE8HCY)

Let's See Your QSL Card!

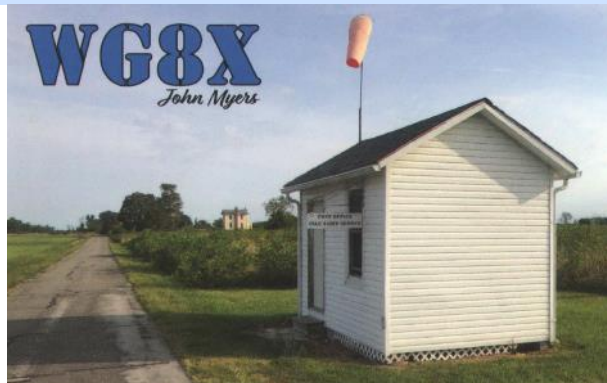
Well, I asked last month for scans of your QSL card if you have one. So far, the response has been disappointing. So, this month you have to see my latest card.

Back in the day, the QSL card was referred to as the final courtesy of a Ham Radio contact on HF. It's kind of fallen by the wayside in recent years for domestic contacts, but some of us still exchange cards.

So, I'd like to give you an opportunity to share your QSL card here. Maybe your card will be an inspiration to others who want to do a card, but aren't quite sure where to start.

This month, we have my new card. It shows the post office on North Bass Island; where KD8BBK & I visited this year.

If you would like your card to grace our pages, please send me a scan, or a card at kd8mq1@gmail.com



A Wikipedia for ham radio?

By Dan Romanchik, KB6NU

I and co-author David Sawicki, WA3DS, have just published the *Ham Radio Reference*. The book took quite a while to write because there's quite a bit of information in it. Not only does it contain an extensive glossary of amateur radio terms, there are chapters on:

- CW abbreviations and Q signals.
- Amateur radio bands and frequency allocations.
- Call district, U.S. section, ITU region, and CQ region maps.
- Part 97 rules.
- DX Code of Conduct.
- Traffic handling.

The technical reference section includes information on:

- Units of measurement.
- Scientific notation
- Ohm's Law, power, and decibels.
- Frequency, wavelength, and antenna lengths.
- Resistor color code.
- Schematic symbols.
- Wire and coaxial cable data.
- Data communications interfaces.

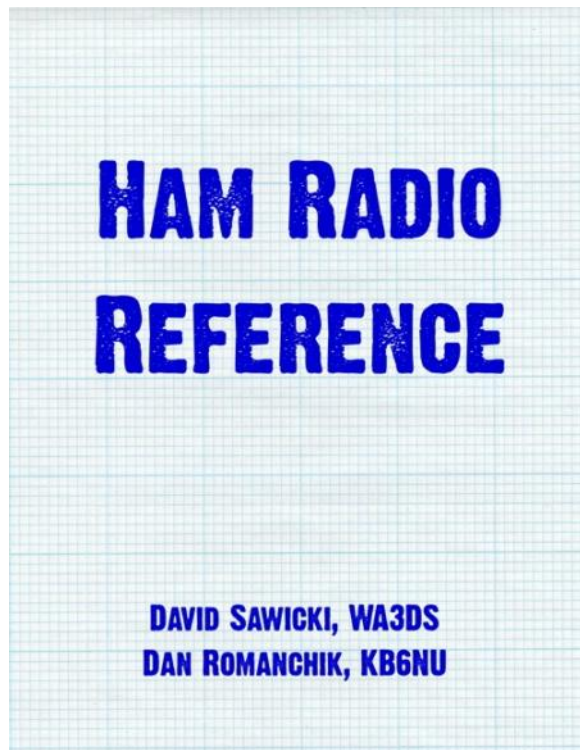
The book is available in both [PDF](https://www.kb6nu.com/product/ham-radio-reference/) (https://www.kb6nu.com/product/ham-radio-reference/) and [Kindle](https://www.amazon.com/Ham-Radio-Reference-David-Sawicki-ebook/dp/B09MC7WFWV/) (https://www.amazon.com/Ham-Radio-Reference-David-Sawicki-ebook/dp/B09MC7WFWV/) versions.

Publishing this book got me thinking about another idea, though. After I sent copies to my colleagues at [Amateur Radio Digital Communications](https://www.ampr.org) (https://www.ampr.org), Rosy, KJ7RYV, our executive director, emailed me:

"Dan, this is great! Thank you.

I wonder...what if we made a page on our website that was just a set of links to references like this. It could be helpful, especially for beginners. What do you think?"

At ARDC, we had just created a list of other amateur radio resources for internal use, and I had a similar thought about putting that list online. The list reminded me of the AC6V website (<http://ac6v.com/>), which included all kinds



A Wikipedia for ham radio? -cont.

By Dan Romanchik, KB6NU

of good stuff for radio amateurs. Unfortunately, as is noted on the website, "AC6V.com is an archive of Rod/AC6V's webpages, and is no longer being updated."

Rod, AC6V, passed in 2008 and many of the links on AC6V.Com are now dead, and much of the information is outdated. And, there are a lot of new resources—like our new book—that are missing. Since there aren't any other encyclopedic resources for ham radio—at least none that I know of—I am proposing that we form a group to develop a "Wikipedia for ham radio." It would be a lot of work, but if we could recruit a community of editors, then it might be doable. In addition, a group effort would be a lot more dynamic and sustainable than a one-person effort.

So, I'm throwing this out there. Do you think it's worth creating an up-to-date AC6V.Com? Should it be a wiki or perhaps some other kind of website? Would you be willing to help? If so, send me an email (cwgeek@kb6nu.com). If there's enough support for this idea, perhaps we could get the ball rolling after the first of the year.

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Dan Romanchik, KB6NU, is the author of the KB6NU amateur radio blog (KB6NU.Com), the "No Nonsense" amateur radio license study guides (<https://KB6NU.Com/study-guides/>), and often appears on the ICQPodcast (<https://icqpodcast.com>). When he's not thinking up crazy ideas like a Wikipedia for ham radio, he operates CW on the HF bands and plays around with software-defined radio.

LEARN MORSE CODE - CW

WITH THE LONG ISLAND CW CLUB

**HELPING TO EXPAND THE
USE AND POPULARITY OF CW**



longislandcwclub.org/

Items for sale from the WA8NEJ Estate

- J-38 KEY ON BASE \$35.00
- ASTRON RS-20A POWER SUPPLY
(output terminals have been replaced with 1/4-20 bolts.) \$45
- Butternut Spider antenna (no hub) \$15
- Drake 2-CS speaker **ASK**
- Drake 2B receiver - with manual, schematic, and documentation of work done
(date unknown) - has Crystal Calibrator **ASK**
- Drake 2-BQ speaker/Q-Multiplier **ASK**
- EICO 706 CODE OSCILLATOR (working) \$15
- Heathkit EK-1 VOM, with companion manual \$15
- Heathkit EK-2 Receiver - looks complete, however the chassis is loose in the case.
Has not been powered up. \$15
- K9LU BD3 CLASSIC KEY (IAMBIC)
- KANTRONIC PACKET COMMUNICATOR 9612
- Knight kit VOM (similar to Triplett 630 VOM) \$15
- MFJ MFJ-1272BYV Microphone/TNC Switch Model
- MFJ MFJ-411 Pocket Morse Tutor - w/manual (Works) \$10
- MFJ MFJ-207 HF SWR ANALYZER M/N MFJ-207 W/ 2 AC adaptors - 1.75 - 30MHz
\$25.00
- MFJ MFJ-249 1.8-170 antenna analyzer W/Manual (Works) \$60
- MFJ MFJ-962C tuner MFJ-962C - 1.5KW (Not roller inductor) \$125.00
- Micronta 22-124A Power Supply \$5
- RADIO SHACK HTX-212 VHF FM TRANCEIVER (2 METER MOBILE) 10w/45w (MIC
PLUG APPEARS TO BE GLUED INTO SOCKET). Working, but the mic cord is beginning
to show signs of wear at the strain relief \$30
- Realistic 28-110 3 TRANSISTOR SHORTWAVE RADIO KIT \$5
- Standard C528A HT 2M/440 w/ drop-in charger & 7(!) battery packs; 2 of them look
like they've never been opened. Also has a speaker mic \$35
- Tigertronics BayPac BP-1 Packet Modem \$10

Interested in any of these items?

Contact John, WG8X

WG8X@kd8mq.net

330-936-5021

Items for sale from the WA8NEJ Estate

- Triplett 630
Untested. Meter movement moves freely. Ohm range dead. \$10
- Van Gorden Engineering Hi-Q 1:1 BALUN \$10

Books (Make offer)

- Radio Servicing by Abraham Marcus 1960
- Hints and Kinks Vol 6 by ARRL 1959
- The Radio Amateur's License Manual 1970 by ARRL
- A course In Radio Fundamentals by George Grammer (ARRL)1960
- On the Air with Ham Radio by Steve Ford 2001 (ARRL)
- Amateur Radio Theory Course by Martin Schwartz 1992 (AMECO)
- Elements of Radio by Marcus and Marcus 1959
- The ARRL Extra Class License Manual Ninth Edition (with practice cd)
- Personal Computers in the Ham Shack by Paul Danzer and Richard Roznoy (ARRL) 1997
- Ham Radio FAQ by ARRL 2001
- The Radio Today Guide to the ICOM IC-7300 by Andrew Barron 2019
- The ARRL Operating Manual For Radio Amateurs 12th Edition2019
- ARRL 2019 Repeater Directory
- 1969 Radio Amateurs Callbook US, Spring 1969 supplement
- 1969 Radio Amateurs Callbook Foreign, Spring 1969 supplement
- RF Exposure & you Hare 1998
- Radio Amateurs HandbookARRL 1978
- Radio Amateurs HandbookARRL 1965
- Radio frequency Interference & how to fix it ARRL 1991
- Understanding Amateur Radio ARRL 1977
- Ameco Advanced Class Radio Amateur License Guide Ameco 1968

Interested in any of these items?

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330-936-5021

Dayton Hamvention Expects to be Live Event in 2022

[Dayton Hamvention](#)® organizers are planning to mount the first in-person show in 2022, following 2 years of COVID-related cancellations. The event is set for May 20 – 22 at the Greene County Fairgrounds and Expo Center in Xenia, Ohio. Last January, Hamvention organizers from the sponsoring Dayton Amateur Radio Association ([DARA](#)) announced they were calling off the 2021 event after considerable planning was already under way. The Hamvention Executive Committee cited lagging COVID-19 vaccine distribution in the US and the emergence of a more communicable form of the virus.

Southgate Amateur Radio News quotes Hamvention General Chairman Rick Allnutt, WS8G, as saying that Hamvention committees “have been meeting, and volunteers are committed to making up for the time lost to pandemic cancellations.” The Hamvention website is already accepting bookings from vendors and inside exhibitors, and individual visitors can already buy tickets, which Allnutt said, “are all printed and ready to go.”

Nominations for the 2022 Hamvention Awards opened on November 1. Hamvention seeks “the best of the best” nominees for its Technical Achievement, Special Achievement, Amateur of the Year, and Club of the Year awards. Nominations close on February 15, 2022. Submit nomination forms via [email](#) or USPS to Hamvention Awards Committee, Box 964, Dayton, OH 45401-0964

Contest University (CTU) will take place on May 19 in conjunction with the annual Hamvention Super Suite activities, which will be moving to the [Hope Hotel](#) in Dayton. In addition to CTU, these activities will include the Top Band Dinner, the Contest Dinner, and the KC DX Club’s CW-copying competition, among other possible events. (From the ARRL Website)

W8LKY Finishes In The Middle Of The Pack



This year, the AARC finished in the middle of the pack for the Ohio section. That’s not too bad. I wasn’t able to find any other entries for the club, but maybe you can. Let me know if you operated from home, and submitted a score. Complete scores can be found at http://www.arrl.org/results-database?event_id=389882



AARC Repeaters

2 Meters

145.370 (-) W8LKY
(PL - 110.9hz)
Echolink:

440 MHz

442.350 (+)
W8LKY
(PL - 131.8hz)

Nets

Tuesday

Homeland security Net
7:00PM 147.51 Simplex

Thursday

Ten Meters

8:00PM 28.420 MHz
(SSB)
8:30PM 28.100 MHz
(CW)

Two Meters

9:00 PM 145.37 MHz
W8LKY (-)

Minutes

Remember, our club minutes (with the financials redacted) can be found on our website at w8lky.org.

The treasurers report can be obtained by e-mailing the treasurer at WG8X1@gmail.com

Contest University 2022

Tim Duffy, K3LR, For Contest University

Attention Contesters and DXers! Contest-related activities that have previously taken place at the Crowne Plaza Hotel during the Dayton Hamvention® are moving to the Hope Hotel beginning in 2022.



In May 2022, official Contesting activities will be at the Hope Hotel, including four nights of the Contest Super Suite, Contest University, The Top Band Dinner, The Contest Dinner and the KC DX Club CW copying competition. There may be additional related events as well.

The Hope Hotel is an excellent facility, well suited for Contesters and DXers. There is plenty of parking and it is located closer to the Hamvention than the downtown Dayton hotels. The Hope Hotel is adjacent to the Wright-Patterson Air Force Base. Guests do not go through the security gate. We have spent almost two years working on this project and we believe you will enjoy the change of venue.

Room reservations will be taken by the Hope Hotel. You can get room reservations by phone only. If you try to book on line you will see that there are no rooms for those dates. Every room in the Hope Hotel has been blocked for Contesters and DXers for Hamvention week.

You can call 937-879-2696 and ask for a reservation in the Contest University 2022 room block. There is no minimum night commitment. The room rate is \$143 per night plus tax and that includes a hot buffet breakfast each day of your stay. The room rate is the same for a single queen, two queens or a single king with a pull out.

If you have 2022 reservations at the Crowne Plaza (now the Radisson Hotel Dayton) you can contact the Radisson at (937) 224-0800 to cancel and obtain any refunds. The Radisson is aware of the venue change for our activities. Please spread the word to all Contest Club reflectors, etc.

We look forward to seeing you on Wednesday night, May 18, 2022, for the first night of the 2022 Contest Super Suite at the Hope Hotel. <https://www.hopehotel.com/>

ARRL Author, QST Technical Editor Joel Hallas, W1ZR, SK

11/29/2021

Retired QST Technical Editor Joel R. Hallas, W1ZR, of Westport, Connecticut, died on November 25. An ARRL member, he was 79. Hallas retired in 2013 but remained active as a contributing editor, handling the popular "The Doctor is In" column in QST and the podcast of the same name. He had been a radio amateur since 1955.

"Joel was not only brilliant, he shared that brilliance with the ham radio community in a way that taught innumerable hams things they needed to know in order to experience success and enjoyment," said ARRL Publications and Editorial Department Manager Becky Schoenfeld, W1BXY. "He was a fine mind, a generous mentor and colleague, and a consummate gentleman. He will be missed."



Retired ARRL Publications Manager Steve Ford, WB8IMY, recalled Hallas as "an iconic figure in amateur radio media as a prolific author of QST articles and ARRL books, and even in the audio podcast community. I greatly enjoyed being Joel's sidekick for the popular 'Doctor is In' podcasts. He had a wry sense of humor both on and off the microphone and a remarkably stoic attitude toward the illness that would eventually claim his life."

Hallas authored six books about communications technology, published by ARRL. His titles include *Basic Radio*; *Basic Antennas*; *The ARRL Guide to Antenna Tuners*; *Hamspeak*; *The Care and Feeding of Transmission Lines*; *Understanding Your Antenna Analyzer*, and *The Radio Amateur's Workshop*.

Hallas earned his bachelor's in electrical engineering from the University of Connecticut and an MSEE from Northeastern University. He previously had worked for Raytheon as a radar systems engineer and for GTE as a nuclear weapons effects (electromagnetic pulse) analyst and as a satellite and terrestrial communications systems engineer, as well as for IBM and AT&T. He also taught at the college level.

He enjoyed sailing, as described in the July 2009 issue of QST. He and his 24-foot sloop *Windfall* — fully equipped with a ham station that used the insulated backstay as an HF antenna — graced the front cover.

Survivors include his wife of 58 years, Nancy, W1NCY.

(From ARRL.org)

Special Event Station W8A - December 5th

Join us on **December 4th & 5th, 2020** for the special event celebrating the passage of the 21st Amendment to the Constitution of the United States of America. We'll be on the air starting Saturday December 4th at 7 pm (local) and running until midnight on Sunday Dec 5th from Kent, Ohio on 20, 40 and 80 meters.

Ohio was one of the last 3 states to ratify the 21st Amendment on December 5th, 1933. The others were Pennsylvania and Utah. Utah was the 36th state to ratify the Amendment, giving it the 3/4 majority of states approval necessary to become law.

Ohio and Pennsylvania had ratified the amendment



earlier in the day, Utah pushed to get it done at 3:32 PM (local) to beat the state of Maine to be the state that secured the passage. It was the first time in the history of the US that an Amendment to the Constitution had been repealed, and it was not done by congress, it was done by "We the People".

Once all of the last 3 states needed passed the 21st Amendment, the sale of Alcoholic Beverage in the US became legal again - immediately! The end of Prohibition was immediately

turned into one Big Party!

So grab a glass of your favorite beverage, give us a shout on the air and join the party. Please, be responsible in your revelry.

Celebrating the end of prohibition

73, and we hope to work you!

Please QSL direct to: Tom Sly - WB8LCD, 1480 Lake Martin Dr. - Kent, OH 44240

SASE would be appreciated, but all QSLs will be answered.

(From the November issue of the Ohio Section Journal)

WG8X Rambling

Hi everyone, Christmas came early at the WG8X household. It's a bit of a long story, and begins back in September when I met up with a friend, Mike, WB8ERJ for a day of Biking, and activating.

Well, Mike got me hooked on the concept of Hike-in Park activations. More specifically, the idea of QRP CW for those activations. So, between him, and Tony, KD8BBK, my backpack CW station is ready.

The CW paddle is commercially available from Gigaparts & others. It is printed off on a 3D printer, and works well for the price point (\$42).

Then, I ordered the QCX-Mini. It generates a blistering 5W on 40 Meters. Minis for other bands are available as well. You can see the YouTube video for the QCX [here](#). So it finally arrived this week, and I'm hooked.

The weight of the rig and paddle are measured in ounces; not pounds. This means a lot when you are hiking.

I've already been sneaking QRP into my activations, and have been surprised at how much you can do with only 5 watts.

So as you are tuning the bands, check around 7044 for my CQ maybe you can get in my log. 73 DE WG8X



Newsletter Information

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Alliance Amateur Radio Club
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www.W8LKY.org