



Q-FIVER

THE OFFICIAL NEWSLETTER OF THE OH-KY-IN AMATEUR RADIO SOCIETY
CINCINNATI, OHIO – WWW.OHKYIN.ORG
VOLUME 63 ISSUE 7 – JULY, 2023



In this issue:

- **July Meeting Canceled**
- Photos from Field Day
- Book recommendations
- ...and lots more!

**July club
meeting is
canceled**

Enjoy the 4th!

Photo by Tim Mossholder on Unsplash

Brunch Bunch

by Bruce Vanselow N8BV

The next Brunch Bunch will be held Saturday, July 8th, at 1pm. The location for July is West Shine Family Restaurant. West Shine is located at 3245 Westbourne Drive, 45238, in Green Township. West Shine is a short distance from Western Bowl.

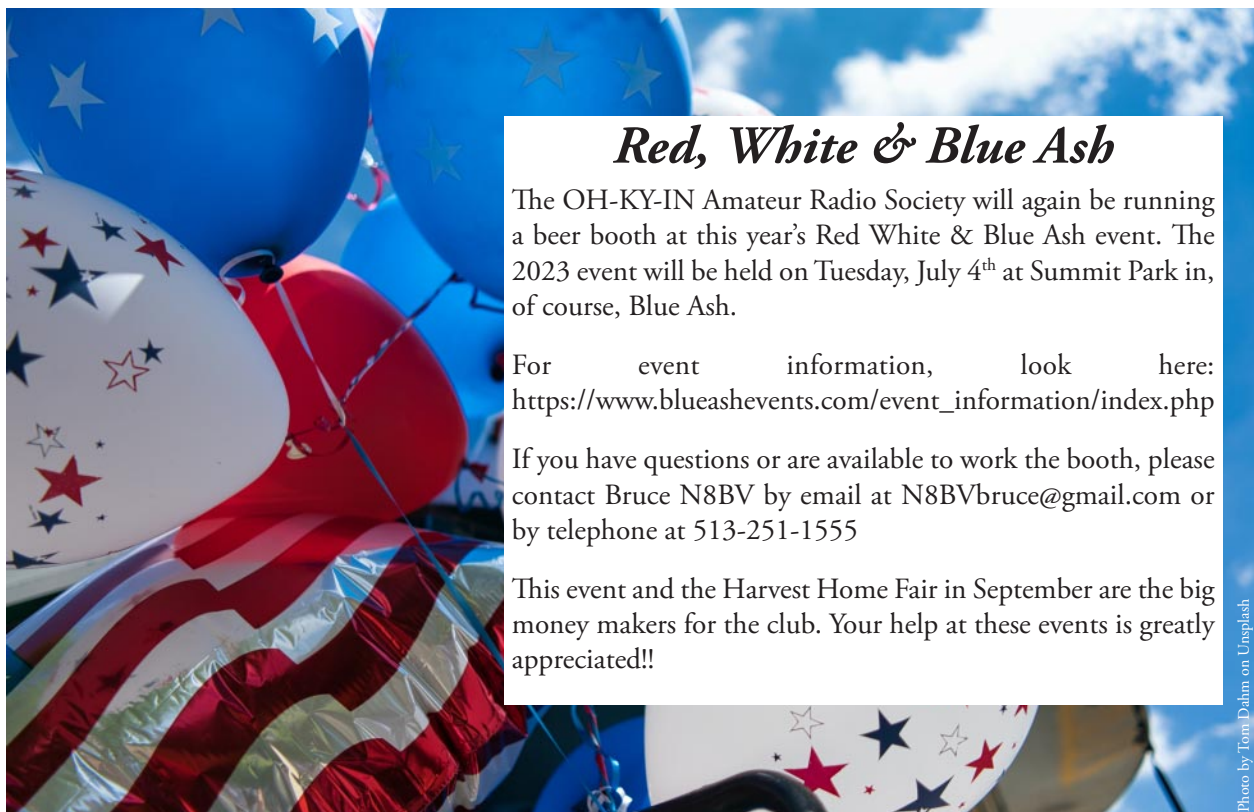
“Our family is excited to serve fresh awesome food to the West Side!!! Our menu represents recipes handed down for generations and some new ones from our culinary team! Our restaurant has become our second home and we hope it becomes your second home as well!”

For a look at the menu, as well as a map, go to westshinerestaurant.com.

Remember that the Brunch Bunch always meets the second Saturday of every month at 1pm at a location to be announced each month. If you can't join us this month, maybe you'll be available to join us in the months ahead.

As always I'm looking for suggestions on what restaurant you think might be a good place for the Brunch Bunch to visit in the future.

73, Bruce N8BV



Red, White & Blue Ash

The OH-KY-IN Amateur Radio Society will again be running a beer booth at this year's Red White & Blue Ash event. The 2023 event will be held on Tuesday, July 4th at Summit Park in, of course, Blue Ash.

For event information, look here:
https://www.blueashevents.com/event_information/index.php

If you have questions or are available to work the booth, please contact Bruce N8BV by email at N8BVbruce@gmail.com or by telephone at 513-251-1555

This event and the Harvest Home Fair in September are the big money makers for the club. Your help at these events is greatly appreciated!!

Photo by Tom Dalm on Unsplash

Amateur Radio Books and a Few Online Resources

by Robert, K4PKM

In the age of the Internet and Google searches, books may seem almost outdated, or at best, more hassle than just typing in a few search words. However, I have found a good library of books invaluable for deep-diving into topics, and frankly, more reliable than the myriad of voices and opinions on the Internet.

I have collected a random sampling of books and resources which I hope will be of some use depending on the topic(s) of interest.

ARRL Handbook – (almost any edition, the latest editions are not a necessity) the gold standard for encyclopedic information about amateur radio; spans multiple years. One recent development is the option to buy a set of smaller books rather than the one massive volume, which is much easier to handle.

ARRL Antenna Book – same as above, but focused on all things antennas

Radio Communications Handbook (RSGB) – the British equivalent of ARRL Handbook, again older editions are quite good

ARRL Hints and Kinks (18 editions so far) – these are short topics with suggestions and problem-solving ideas (get ‘em used!)

Antenna Classics series from ARRL – culled from articles in QST over the years, such as wire antennas, Yagis, verticals, etc.

ARRL Operating Manual – good for exploring the world of amateur radio

The World-wide Listening Guide by John Figliozzi – absolutely excellent SWL reference with not just stations, but program guides

Building Successful HF Antennas – Peter Dodd RSGB; considered an expert and has been writing a column for their publication for years

Antennas Mastered – Peter Dodd

The New Shortwave Propagation Handbook – George Jacobs, et al. – excellent book on propagation for HF; shouldn't overlook books on shortwave radio since our HF bands are in the same parts of the spectrum

Art of Electronics – great practical resource for understanding circuit design from a not-so-technical standpoint

Rider's Perpetual Troubleshooters Manuals – these and many other older public domain books may be found online for download at such places as: <http://www.acrayara.com.ar/cms/RM?action=listLibraryFiles> and <http://www.tubebooks.org/>

Amateur Radio Transceiver Performance Testing - Understanding HF transceiver data from QST Product Reviews. Great for Amateur Radio operators looking to purchase a transceiver!

Antenna Physics: An Introduction - Delve Deeper into Antenna Theory: not an easy read, but great for the technically-minded among us

Portable Operating for Amateur Radio - Anyone can give portable operating a try. Portable operators use HF and VHF bands, as well as SSB, FM, CW, and digital modes.

Ham Radio for Arduino and PICAXE – Experiment with Arduino microcontroller projects such as APRS Data Logger, QRSS Beacon, APRS display, SWR Scanner and more.

Raspberry Pi Explained (RSGB) – Includes hints and tricks to get things up and running quickly, as well as installing many popular radio programs developed for Pi.

Power Supplies Explained (RSGB) -- explains in understandable terms what the power supply is doing, right through to designing your own custom-built power supply.

Receiving Antennas for the Radio Amateur -- focuses entirely on active and passive receiving antennas and their associated circuits. The active antenna holds a prominent position in this book, as it offers good receiving performance while taking up minimal space. Recent developments in radio frequency (RF)

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semiconductors, especially low-noise RF operational amplifiers, have made a number of previously difficult-to-implement active antenna designs a very simple task.

Get on the Air with HF Digital 3rd edition – Get on the air with 11 different digital modes, including the lightning-fast PACTOR system, the weak-signal WSJT-X modes, and relative newcomers like VARA and JS8Call

Software Defined Radio (SDRs) – an introduction to SDRs and how they are impacting modern radios

Digital Storage Oscilloscopes

Oscilloscope Guide – BK Electronics – basic How-To for using oscilloscopes

Radio Antenna Engineering

Electronics Experimenter's Manual

Hands on Radio Experiments Vols. 1-3

A Course in Radio Fundamentals

A Beginner's Guide to Radio by F. J. Camm – 27 lessons on radio basics

RCA 3-volume books on Tubes – comparisons and alternatives

Amateur Radio Essentials - RSGB Publication – excellent short articles on various aspects of theory and projects to build

Elimination of Electrical Noise – RSGB Publication

Reflections III – Excellent book on feedlines and how waves travel between the radio and the antenna

Novel Antennas - RSGB Publication for interesting antennas which can work in small/unusual spaces

Hart Reviews - RSGB Publication concerning various equipment reviews from the last 20 years or so, more details than just specs and features

Beginner's Guide to Reading Schematics

Successful Wire Antennas

UHF/Microwave Experimenter's Handbook

Satellite Handbook – ARRL Publication

Propagation and Radio Science – ARRL Publication

Storm Spotting and Amateur Radio – discusses how to become a weather spotter and what information is actually useful to report during a storm, not just “It's pretty windy here!”

Low-Band DXing – the definitive guide to working 80 and 160 meters for DXing. A Classic, none better.

(These last two have been recommended by Justin KE8COY)

In Marconi's Footsteps: Early Radio. It is by an Australian Ham and is about his pilgrimage to Marconi's home in Italy and places he did his work with radio. The second half details his building of replicas of the early equipment.

The Voice of the Crystal & Instruments of Amplification, both by H. Peters Friedrichs



Photo by Tom Hermans on Unsplash

*OH-KY-IN's
ARRL Field Day 2023*



Photo by Ryan Owens AC8UJ

◆ (Above) Right to left, Phil KE8LYG, Cesi KD8OOB and Julia KE8IUU operate the club satellite station while Devin KE8PEQ looks on.



Photo by Joe Felix K8NW

◆ (Above) Dick WB4SUV launches a line into a tree while others observe.



Photo by Ryan Owens AC8UJ

◆ (Left) Mike KE8ZLB staffs the GOTA station and information table.

Silent Keys



Mike WOLFORD KG4DSG

Mike was an active member of OH-KY-IN, participating in all things digital. He often brought news of the latest happenings at TAPR conferences and other similar events.

James Michael WOLFORD, born in Cincinnati to James Edward (deceased) and Betty WOLFORD on August 20, 1960. Dear brother of Valerie WOLFORD. Also survived by numerous cousins. He passed away on Sunday, May 14, 2023 at the age of 62. Graduate of Colerain High School and attended Miami University. He worked at Miami University, Brevard County Circuit Clerk, Florida and was currently employed at Pomeroy in Northern Kentucky. Mike's interests were music and amateur radio. Memorial gathering at Little Flower Church, 5560 Kirby Ave., on Wednesday (May 24) from 10:00 AM until Memorial Mass at 11:00 AM. In lieu of flowers, memorials may be made to Little Flower St. Vincent DePaul, 5560 Kirby Ave. Cincinnati, Ohio 45239. Private graveside service has already been held. Special condolences may be expressed at frederickfh.com



William (Bill) CORRIGAN KA8TWB

Bill participated in many of our mobile foxhunts over the years.

William CORRIGAN 71 of Cincinnati, OH passed away on June 17th, 2023. He was the son of Philip and Nellie Edith CORRIGAN. William was a member of the Dayton OH Canoe Club. He was preceded in death by his parents. He is survived by his sister, Barbara (Russell) Poynter and brother, John David CORRIGAN. Visitation will be held on Monday, June 26th, 2023 at Cooper Funeral Home from 10am-12pm. Service will begin at 12pm. Burial will be at the convenience of the family. Cooper Funeral Home is serving the family.



June, 2023 Meeting Minutes

OH-KY-IN Amateur Radio Society
Minutes of June 6th, 2023, Member Meeting

The meeting was called to order at 7:32 PM by Ryan AC8UJ with the Pledge of Allegiance. The club held a hybrid meeting at the Lockland Church of the Nazarene and via Zoom.

Guests: Brad KY4JT

New Licenses or Upgrades: None

Attendance:

- 15 in person
- 20 via zoom

Health and Welfare: None

Awards & Achievements:

- Julianna KE8IUU just graduated high school and plans to attend the University of Delaware.
- Leah Cooper KQ4IVY received her tech and general at Hamvention.

Prior Meeting Minutes: Drew KE8JTL made the motion, and Kitty WA8TDA seconded accepting the meeting minutes for February as published in the Q-Fiver. Motion passed.

Membership: Not present. 146 have renewed for the year out of 148 from last year. Please renew at <http://renew.ohkyin.org/>.

Treasurer: Brad KE8JTM. Treasures report read and filed for audit.

Silent Key: Mike KG4DSG

Tech Committee: All the repeaters are working, just need people to use them.

Classes and Exams: Tom W8WTD has agreed to be the education chair.

Fox Hunts: Bob WA6EZV. They had almost 90 people at the Dayton Fox Hunt.

Library: Contact Justin KE8COY if you would like to check out items from the library.

Nets: None

Website: None

QCEN: Will have field day inside at the Red Cross building.

ARES: Working on several projects that were outlined in the last Q-Fiver.

SSTV: Every Monday night at 9PM. We have a small group of regulars. Would love to have some more check ins. If you need help, please reach out to Steve N8PUP.

WINLINK: None

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Brunch Bunch: Saturday June 10th at 1PM at Drew's on the river.

Events:

- Field Day June 24-25th
- No Club Meeting July 4th
- Red, White & Blue Ash July 4th
- July 22nd - 23rd Bike MS
- August 5th Paddle Fest

Old Business:

- By-laws Updates: Still on hold
- Repeater Internet Connectivity Grant: Final report was filed
- Portable Satellite Ground Station Grant: Cesi KD8OOB advised nothing at this point going on.

New Business:

- The hardline was sold by QCEN at Hamvention. The club made \$350.00 from the sale.

Program: Cesi KD8OOB Nano/VNA

Split the Pot: \$47.00 The winner will receive \$24.00. The winner this month is Bob WA6EZV

Motion to adjourn made by Ted NC8V Seconded by Dan KF4AV. All in favor. Meeting adjourned at 9:19PM.

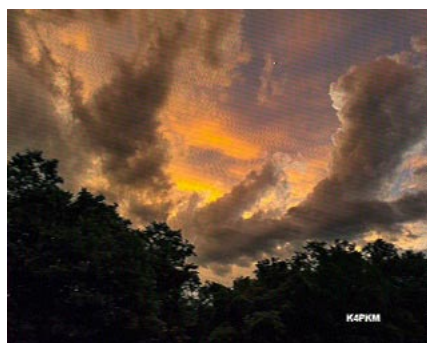
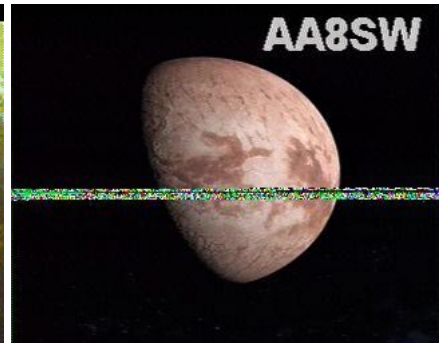
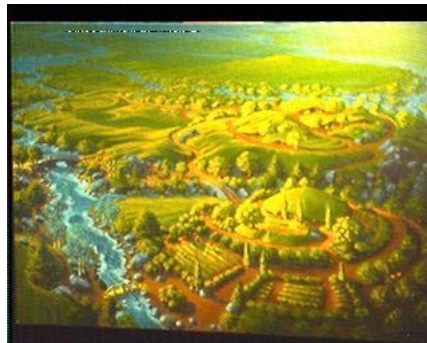
Respectfully submitted, Steve Crase N8PUP, Secretary



Photo by Ryan Owens AC8UJ

OH-KY-IN SSTV Net Samples

Here's a sample of the images you could be receiving if you tuned into the weekly SSTV net on the 146.670 repeater. The net meets every Monday night at 9:00 PM Eastern time. No special equipment is required. If you have a 2 meter receiver and a computer or smart phone, you can receive images. If you don't know how, check in to the weekly Tech Talk net Wednesdays at 9:00 PM Eastern and ask for help. Hope to hear you all on the nets!



DX Spots - July 2023

De KA3MTT

Sun	Mon	Tue	Wed	Thu	Fri	Sat
7Q7WW - Malawi Thru 7-3 	OY - Faroe Is Thru 7-5 	VP9 - Bermuda thru 7-8 	FP - St Pierre & Miquelon thru 7-11 	OX3LX - Greenland Thru 7-18 	KH2 - Guam thru 7-4 	1
2	3	4 KH8RRC - American Samoa Thru 7-18 	5	6 PJ5 - Saba & St Eustatius thru 7-18 	7	8
9	10	11 8Q7HU - Maldives Thru 7-18 	12	13	14	15
16	17	18	19	20	21	22
23 OY - Faroe Is thru 7-26 	24 TG4 - Guatemala Thru 8-4 	25	26	27 TF - Iceland thru 8-17 	28	29
30	31					

Prepared by Nathan Ciufu, KA3MTT

Calendar of Upcoming Events

Monday	July 3 @ 9:00 PM	SSTV Net (146.670 Repeater)
Tuesday	July 4	Red, White & Blue Ash Fundraiser (Details: Bruce N8BV)
Tuesday	July 4 @ 7:30 PM	CANCELED: Club Meeting
Wednesday	July 5 @ 9:00 PM	Tech Talk Net (146.670 Repeater)
Monday	July 10 @ 9:00 PM	SSTV Net (146.670 Repeater)
Tuesday	July 11 @ 7:30 PM	Board of Directors Meeting (same Zoom info as club meeting)
Wednesday	July 12 @ 9:00 PM	Tech Talk Net (146.670 Repeater)
Monday	July 17 @ 9:00 PM	SSTV Net (146.670 Repeater)
Wednesday	July 19 @ 9:00 PM	Tech Talk Net (146.670 Repeater)
Monday	July 24 @ 9:00 PM	SSTV Net (146.670 Repeater)
Wednesday	July 26 @ 9:00 PM	Tech Talk Net (146.670 Repeater)
Monday	July 31 @ 9:00 PM	SSTV Net (146.670 Repeater)
Tuesday	August 1 @ 7:30 PM	Club Meeting (Zoom & Lockland Church of the Nazarene)
Wednesday	August 2 @ 9:00 PM	Tech Talk Net (146.670 Repeater)

Meeting Information

Our monthly club meeting will be held at Lockland Church of the Nazarene (335 W. Wyoming Ave.). We will continue to offer Zoom video conferencing as an option. Please join us at 7:30 PM Eastern time each first Tuesday of the month. The Zoom call will open at about 7:20 PM for you to join. The passcode is 146670

<https://zoom.us/j/996062859>

If you are unable to join online, you may join by telephone at (301) 715-8592 with a meeting code of 996 062 859 and passcode of 146670. Long distance rates will apply.

OH-KY-IN Repeaters

146.670 (-) Clifton

146.625 (-) Edgewood (Fusion & analog WIRES-X)

146.925 (-) Delhi (Fusion & digital WIRES-X)

All repeaters require a 123.0 Hz CTCSS (PL) tone.

Life Members

John Phelps	N8JTP
Kenneth E Wolf	N8WYC
John W Hughes	AI4DA
Karl R Kaucher	KK4KRK
Fred Schneider	K9OHE
Dan Curtin	KF4AV
Steve Weeks	AA8SW
Kelly Hoffman	K8KAH
Jerry Shipp	W1SCR
Mick Cook	KD8IOQ
Steve Crase	N8PUP
Joe Felix	K8NW

Support OH-KY-IN by Shopping

Of course we appreciate your membership dues and all of the ways you give time and energy to the club, but did you know you can also support OH-KY-IN just by doing things you already do?

Kroger Community Rewards is a great source of income for the club and requires no effort! Visit <http://www.krogercommunityrewards.com/> and set us as your charity. We are organization **QY352**.

Contact Bruce N8BV for details about the program.



PANDA/stock.adobe.com

Meeting Location

The board has decided that we will continue meeting indefinitely at Lockland Church of the Nazarene, located at 335 West Wyoming Avenue in Lockland. It's right off I-75 at exit 12 (the Reading/Lockland exit southbound and the Davis St./Lockland/Reading exit northbound). Enter through the glass door by the mailbox under the awning. Be aware that there are about 5 steps down into the meeting room. Thanks to Steve N8PUP for making this facility available to the club for our meeting! We will also continue to offer Zoom for those wishing to join us online. If you have any symptoms of illness, please join us online to protect other club members.

Newsletter Submissions

Please send any submissions you would like included in upcoming newsletters to Ryan, AC8UJ. All content is welcome! You can e-mail content to him at his callsign at arrl.net. Please send all content either as plain e-mail text (attach any photos or graphics) or as a PDF file. Depending on the spacing needs of the particular issue, Ryan may reformat your content and adjust the layout. Because of this, if you send a PDF, please also include any graphics used as attachments.

Please renew your membership, if you haven't already



Committee Chairs & Appointments

Technical Operations Gary Coffey KB8MYC
 ARPSC Representative Jerry Shipp W1SCR
 Volunteer Examiners (open)
 QCEN Representative Pat Maley KD8PAT
 Membership Nathan Ciufo KA3MTT
 Fundraising Bruce Vanselow N8BV
 Education Tom Delaney W8WTD
 Repeater Control Ops Mgr. . . Bruce Vanselow N8BV
 PIO Devin Spielman KE8PEQ
 SSTV Net Mgr Steve Crase N8PUP
 Librarian Justin Moore KE8COY
 Q-Fiver Editor Ryan Owens AC8UJ (interim)
 ARRL Field Day Eric Neiheisel N8YC
 Historian Dale Vanselow KC8HQS
 Fox Hunters Dick Arnett WB4SUV
 Equipment Manager (open)
 Webmaster Rocky McGrath KE8DZS
 Silent Key Bryan Hoffman KC8EGV
 Tech Talk Net Manager Bruce Vanselow N8BV
 K8SCH QSL Manager Bob Frey WA6EZV
 TV/RFI Dick Arnett WB8SUV

OH-KY-IN Officers

President Ryan Owens, AC8UJ
 Vice President Cesi DiBenedetto, KD8OOB
 Secretary Steve Crase N8PUP
 Treasurer Brad Hast KE8JTM
 Director Drew MacDonald KE8JTL
 Director Bruce Vanselow, N8BV
 Director Dennis McGrath, KD8ILY
 Trustee Bruce Vanselow, N8BV

Consider a Donation to OH-KY-IN

Did you know that OH-KY-IN ARS has been recognized by the Internal Revenue Service as a 501(c)(3) charitable organization? That means anyone who itemizes on their Federal return can take a charitable deduction for a contribution to OH-KY-IN, as long as it qualifies under the general rules applicable to all other charitable contributions (for example, the contribution must be in cash, or other property which the organization has agreed to accept; the value of volunteered services is not deductible). Membership dues, such as the cost of a life membership, may even be deductible; consult your own tax advisor for details if considering that. Posthumous donations by Will or by naming the organization as beneficiary of a financial account are also welcome.

Please remember to **renew** your membership!

We need all of you to keep OH-KY-IN going strong!



OH-KY-IN Amateur Radio Society is one of the leading amateur radio organizations in the Cincinnati, Ohio area and has been for most of its 50-plus year history. We are a 501(c)(3) nonprofit organization dedicated to the advancement of all things radio.

No matter the amateur radio interest, OH-KY-IN members are involved.