



# Q-FIVER

THE OFFICIAL NEWSLETTER OF THE OH-KY-IN AMATEUR RADIO SOCIETY  
CINCINNATI, OHIO – [WWW.OHKYIN.ORG](http://WWW.OHKYIN.ORG)  
VOLUME 63 ISSUE 6 – JUNE, 2023

In this issue:

- **JULY Meeting Canceled**
- Red, White and Blue Ash news
- Photos from Antarctica
- Notes from the Library
- “Chasing Halley’s Comet”
- ...and lots more!



Photo by Zane Lindsay on Unsplash

The background of the entire page is a close-up, slightly blurred image of the American flag, showing the stars and stripes in a diagonal orientation.

**July club  
meeting is  
canceled**

*Enjoy the 4<sup>th</sup>!*

Photo by Tim Mossholder on Unsplash



## ***Red, White & Blue Ash: WORKERS STILL NEEDED***

*by Bruce Vanselow, N8BV*

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 4<sup>th</sup> at Summit Park in, of course, Blue Ash.

For event information, look here: [https://www.blueashevents.com/event\\_information/index.php](https://www.blueashevents.com/event_information/index.php)

Workers are still needed to staff the booth from about 3:45 pm through about 10:15 pm. The booth must be set up and ready to serve beer by 4 pm, when the event starts. All beer booths must be closed down when the BIG fireworks show begins, at about 10 pm. Sales are rather slow until about 6 pm when it begins to get very busy. From then through 10 pm, we need at least 7 workers at all times. Can you find some time on July 4<sup>th</sup> to help with this fundraising event?

If you have questions or are available to work the booth, please contact me 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!!

73, ..... Bruce N8BV

Photo by Tom Dahm on Unsplash

## ***Brunch Bunch***

*by Bruce Vanselow N8BV*

The next Brunch Bunch will be held Saturday, June 10<sup>th</sup>, at 1pm. The location for June is Drew's on the River located at 4333 River Road, 45204. Drew's is directly across the street from the intersection of Anderson Ferry Road and River Road. A very short distance across the railroad tracks.

“Drew's on the River is a sports bar and restaurant. It has been a well-kept secret among locals who flock to the place for great food, local talent, and a patio with a view. The restaurant offers a great menu with a variety of sandwiches, appetizers, soups, chili and salads. It was opened in the Spring of 2004 and is a family-owned and operated business living on the West side their entire life. The restaurant sits on the banks of the Ohio River on Rt 50 at Anderson Ferry.”

I've been told that Drew's has a website on Facebook.

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

## *The Reading & Radio Ranch: Notes from the Library*

by Justin Patrick Moore, KE8COY

June has arrived, and with it the promise of endless grill outs, trips to your favorite swimming hole, and perhaps even that annual tradition among hams, to many a kind of high holy day, with mandatory observance. Yes, I'm talking about field day. Whether you plan to join Oh-Ky-In at our usual out-of-the-way location at Mitchell Memorial Forest, or you plan on doing something yourself, the club library does have books that can help either the solo operator, small team, or larger group get down to business operating in the great outdoors. The following book is also a helpful guide if you ever wanted to go out to one of America's many great parks to do a Parks On The Air (POTA) activation.

*Portable Operating for Amateur Radio – Everything You Need to Get On the Air in the Great Outdoors* by Stuart Thomas KB1HQS is a slim volume that won't add much to the weight of your field pack. Here is the blurb from ARRL:

“Amateur radio stations traditionally have been associated with a table full of gear in a home station. In recent years, that has changed with the increasing popularity of operating portable, away from home. A new generation of compact, full-featured, portable radios combines with modern battery technology to make it easier than ever to set up your station and enjoy amateur radio in the great outdoors. Add that to the increase in organized outdoor operating activities, clubs, and programs, and it's no wonder that ham radio operators are inspired to venture into portable operations.

Anyone can give portable operating a try. Portable operators use HF and VHF bands, as well as SSB, FM, CW, and digital modes. There's something for everyone, no matter your license class or interests. Whether you want to activate from a picnic table at a nearby park, or a remote summit after a backcountry hike, *Portable Operating for Amateur Radio* offers a wealth of practical information to help make your portable amateur radio operations successful.”

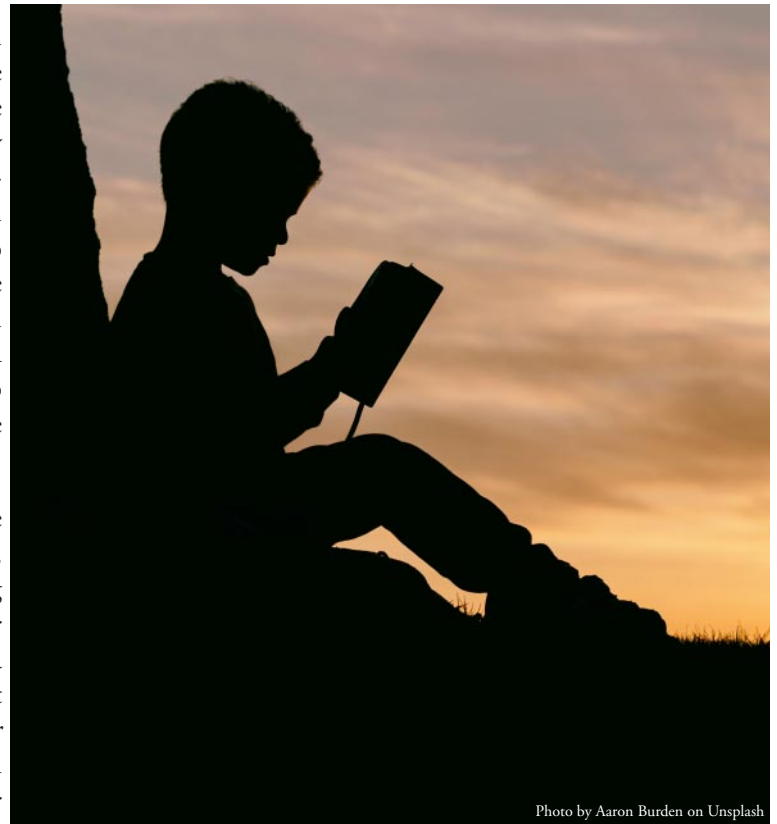


Photo by Aaron Burden on Unsplash

The library has many other books if you'd rather stay indoors on the last weekend of June and try your hand at some other radio project, perhaps even just an hour or two reading about the hobby.

Until next month keep on practicing you're three R's: Reading, Radio and Reminiscing about field days past as we roll out the coax for this year's edition.

Until Next Time: Keep Your Batteries Charged & Your Aerials Up!

Your club librarian can be reached via email at: [justinpatrickdreamer@gmail.com](mailto:justinpatrickdreamer@gmail.com)

## *Chasing Halley's Comet*

*by Steve Weeks, AA8SW*

Wait, did this article end up in the wrong publication? OHKYIN is not an astronomical society. Let's see if we can find a connection.

Halley's is by far the most famous astronomical object of its class. It is the only comet visible to the naked eye that comes around the Sun often enough for a few lucky people to see it twice in a lifetime. But this seems like an odd time to be drawing attention to it – Comet Halley last approached Earth in 1986 and won't be back until 2061. Currently it is approaching the opposite end of its orbit around the Sun and is located over 3 billion miles from us – not only invisible to the naked eye, but outside the range of the largest telescopes.

However, Halley is gone for a while, but not forgotten. While both comets and asteroids consist of debris left over from the formation of the Solar System, comets are much more interesting than asteroids – which are basically just chunks of rock. Comets, on the other hand, are complex structures often described as dirty snowballs, containing a vast number of rocky particles ranging from dust to boulders, held together by various frozen gases as well as water ice.

For most of each orbit around the Sun, comets are frozen solid and remain dormant at a temperature of hundreds of degrees below zero in deep space, but when they enter our neighborhood and start to feel the strong radiant heating of the Sun, they come alive and start shedding large amounts of gases and debris, as the frozen gases and ice near the comet's surface quickly vaporize in the heat. The head (nucleus) of the comet, which is only a few miles wide, becomes surrounded by a visible "coma" which can be thousands of miles wide, and the comet develops tails which can be a million miles long, as seen in this NASA image of Halley from 1986:

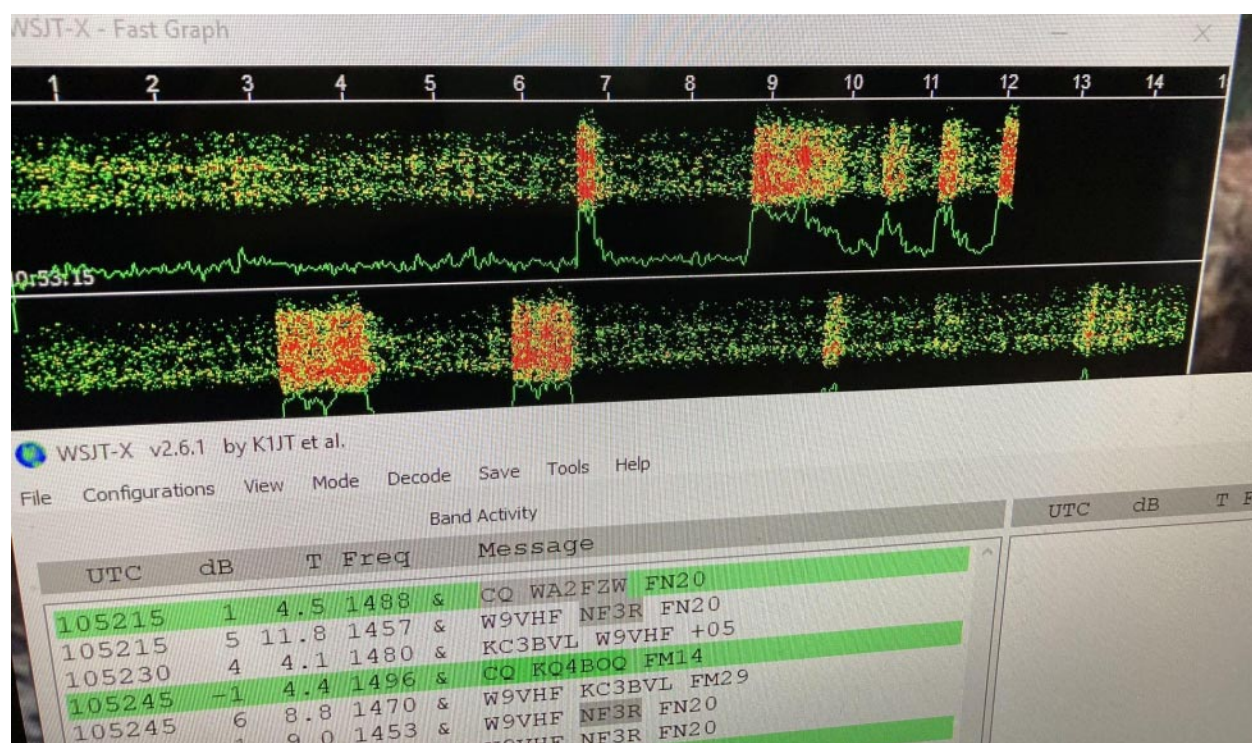


These are the features that make a nearby comet so easily visible from Earth, and fascinating to humans throughout recorded history (the first recorded sighting of Halley was in 239 B.C., or possibly before). Soon the comet returns to deep space and stops shining, but it leaves something behind – the vast amount of debris that it shed, more than a ton per second, while it was visiting the inner Solar System. Some of the debris falls into the Sun but much of it remains in orbit. When the Earth, in its annual journey around the Sun, encounters a cometary debris cloud, the rocks burning up in the atmosphere give us – shooting stars! Aside from the visible spectacle, the rocks vaporizing at thousands of degrees produce a large ionization trail in the upper atmosphere, which can strongly reflect VHF radio signals. This is somewhat similar to the way that ionization in the upper atmosphere caused by the Sun bends HF radio waves back to Earth and enables long distance communications almost every day.

*Continued on page 6*

*Continued from page 5*

But there is a catch when it comes to use of meteor trails! Normal solar excitation of the ionosphere may persist and support HF communications for hours or days, but the ionization trail from the destruction of small meteors only remains usable for radio communication for a tenth of a second or two. How can we transmit our call signs in a recoverable way in a tenth of a second? Joe Taylor, K1JT to the rescue! The intrepid Dr. Taylor, retired Princeton physics professor, Nobel laureate and, most importantly to our hobby, the developer of the extremely successful digital modes FT8, FT4, WSPR, JT65 and JT9, has developed another mode called MSK144 specifically for the purpose of meteor scatter communications. Astoundingly, MSK144 transmits a complete data package, including redundant data features, every 70 milliseconds. Here is an MSK144 “waterfall” (a misnomer since time runs horizontally in this graph) during this year’s Halley meteor shower; the red vertical marks are the RF signatures of meteor strikes and most have a duration of no more than a couple of tenths of a second. Each of those strikes could support a complete MSK144 transmission. Below the graph, the software is listing several decodes obtained from transmissions bounced off of Halley debris trails in the period shown on the graph (this was while the meteor shower was especially active).



The Earth passes through Halley debris every year in late April and early May (technically, the Eta Aquarid meteor shower), and during that time this year, I made several MSK144 contacts on 6 meters between 500 and 900 miles. Other stations better equipped than mine made many contacts on 2 meters and even higher bands.

So, that’s how Halley’s Comet is connected with amateur radio. Thanks to modern computer technology and the revolutionary inventions of Joe Taylor, the exotic experience of bouncing signals off of meteor trails is an opportunity open to all hams with reasonable 6-meter stations. Prior to MSK144, that was not the case – meteor scatter contacts were very difficult and generally only attempted by expensive stations with large towers, big yagis and powerful transmitters, in addition to special audio equipment to send and receive CW at 200 words per minute.

Many of us will not be around to see the return of Comet Halley in 2061, but now we have another way to connect with the uniquely-famous comet. 73!



## *A Celebrity Among Us*

Some of us were already aware that Kitty W8TDA was recently selected for a trip to California to be featured in a commercial. She shares her story here. It's amazing what a couple of acts of kindness can accomplish!

“Do you remember the last time you actually had to talk with a banker? Was it pleasant, or did you feel rushed, or maybe even frustrated? When I discovered that the numbers just did not add up on my braille credit card statement, it was clear that the time had come to talk with a banker. I soon discovered that the only way we were going to get to the bottom of this problem was to go through all credits and purchases line by line. Since reading braille is slower than reading print, I offered to call back at a time when they were not so busy. My banker would have none of that. She basically told me that I was her customer and we would take as much time as I needed. I was blown away!! She was true to her word. We worked till the problem was resolved. I followed this transaction up with an email to the branch manager telling her of outstanding service I had received from this employee. I thought nothing more about it until I received a call in early January from Huntington's marketing department expressing possible interest in using my story in their 2023 commercial campaign. Throughout January and the first part of February, I consented to a background check and interviewed with several different people, none of whom would make a definite commitment that I had been chosen. Finally, with airplane ticket in hand and instructions on specific clothing to bring for the commercial, I knew that stardom was in my future, all be it for a few seconds. Lolol!! We were told that the commercials would begin airing in May. I have caught a couple on channel 5, WLWT. To date, I have not seen mine. Here is a link for all the commercial stories. Mine is the fifth or sixth one down.”

[https://players.brightcove.net/1555356979001/experience\\_641c90b6bfaf3600258df56a/share.html](https://players.brightcove.net/1555356979001/experience_641c90b6bfaf3600258df56a/share.html)



## *May, 2023 Meeting Minutes*

OH-KY-IN Amateur Radio Society  
Minutes of May 2<sup>nd</sup>, 2023, Member Meeting

The meeting was called to order at 7:30 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: None

New Licenses or Upgrades: Bruce KE8WLY New License

Attendance:

- 22 in person
- 13 via zoom

Health and Welfare:

- George N3VQW has lost some weight
- Ted NC8V may be having back surgery this summer.

Awards & Achievements:

- Bob was in TX for five days for Orienteering.
- Horacio KA8TVY received the DX Century Club award.
- Steve AA8SW made some meteor scatter contacts up to 600 miles away on 6 meters using the residue of Halley's comet.

Prior Meeting Minutes: Steve W8SCI made the motion, and Justin KE8COY seconded accepting the meeting minutes for February as published in the Q-Fiver. Motion passed.

Membership: Not present. 129 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: None

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

Classes and Exams: With a joint effort between QCEN & OHKYIN, All the classes went well. More classes in the future, with a possible Extra class if an instructor is found. The new licensees have been very active with the local clubs.

Fox Hunts: Bob WA6EZV. Nothing currently going on.

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

Nets: None

Website: None

QCEN: The next meeting is May 12<sup>th</sup> at 7PM at the Red Cross building.

*Continued on page 9*



*Continued from page 8*

ARES: None

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:

Brunch Bunch: Saturday May 15<sup>th</sup> at 1PM at Camp Washington Chili.

Events:

- Flying Pig Marathon May 5<sup>th</sup>-6<sup>th</sup>
- Field Day June 24-25<sup>th</sup>
- Dayton Hamvention May 19<sup>th</sup>-21<sup>st</sup>
- Red, White & Blue Ash July 4<sup>th</sup>

Old Business:

- By-laws Updates: Still on hold
- Repeater Internet Connectivity Grant: Filing final updates on the grant at this point.
- Portable Satellite Ground Station Grant: Cesi KD8OOB advised nothing at this point going on.
- The 146.625 seems to be going off during weather events. Plans are being made to make changes to make the system more stable.

New Business:

- The ARRL recently sent out a survey concerning dues and other items

Program: Horacio Falciglia KA8TVY will present on the Antarctic Esperanza Base

Split the Pot: \$66.00 The winner will receive \$33.00. The winner this month is K8DFL

Motion to adjourn made by Dennis KD8ILY Seconded by Rocky KE8DZS. All in favor. Meeting adjourned at 8:45PM.

Respectfully submitted, Steve Crase N8PUP, Secretary

## ***Amateur Radio Infrastructure Projects***

*by Mark Landis KD8ZLD*

ARES is interested in investigating and organizing the following improvement projects that would benefit local ham radio operations and emergency communications.

- Winlink Gateway & Packet Stations There is a need to increase packet coverage in Hamilton County and surrounding areas. There are a few groups north of SW Ohio that are expanding and would be willing to allow us to link to them.
- ARDEN Mesh Nodes This is a very powerful digital capability that creates a data network between locations using radio. However, due to the line-of-sight nature of the technology, we would need to determine how practical this could be for our area.
- APRS We have seen an increased need for self-contained trackers and also digipeaters and gateways to receive those trackers. This has been most noticeable during the Flying Pig while tracking the Sweep Bus. If we can increase APRS coverage in the area we could expand its use for other events and the capabilities it provides.

If you are interested in assisting with these projects, please contact Bryan Hoffman at [hoffgroup@gmail.com](mailto:hoffgroup@gmail.com) or Gary Coffey at [gcoffey1@outlook.com](mailto:gcoffey1@outlook.com). Thank you!

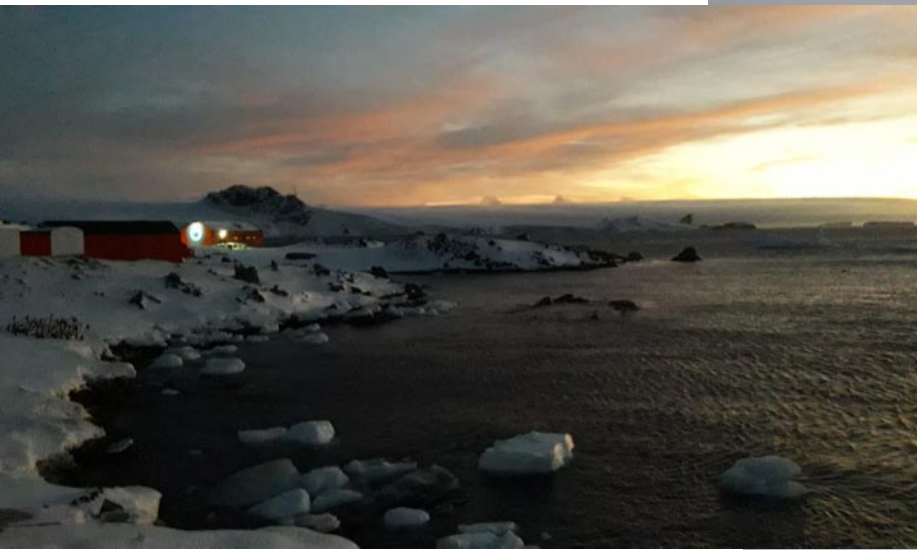
## *Base Esperanza*

*by Horacio Falciglia KA8TVY*

Base Esperanza this morning, Argentine Antarctica with Operators of LU1ZV/LU8DBS Juan Benavente, and Noemi Cisneros operator of LAR36 Arcangel San Gabriel Radio Nacional Antarctica Argentina. (Only short wave station).









## Self Introduction

by Henry Rosche, N5AWB

My crystal radio and shortwave listening got me into ham radio when I was young. Build my own equipment from Heathkit radios. My call was WD5DZD, which I thought was very awkward in Morse code since most folks got it wrong. So in 1979 I walked into the New Orleans FCC office and sat for my Technician license, passed. Then took my General test, and passed. Then took the Advanced and passed. Failed the Extra then but passed the 20 wpm code. I did apply at that time for a different call sign. I was issued N5AWB and that was nice since a lot of Trekkies loved the N5 call sign preamble which was a great episode, BTW. With voice and 2 meters now available I was so busy operating that I never really got back to the extra test. What fun it was in the 70's and 80's prior to cell phones and having an auto patch on a local repeater. Many thought it was decadent to make a phone call from your car. Loved my Heathkit and Azden 2-meter radios. Fast-forward to 2023 and I passed the Extra test this last Thursday 3,16,2023. So finally 46 years later I finished it. email: N5AWB@arrl.net

I was working at Radio Shack back in the 1970's and my ham Elmers were Nic Nicolaides (W5GFM) and his son Tom (WA5ZCC). With their help and study I made it to advanced easily. Nic is now a silent key and Tom took his call several years ago.

I have been a life member of ARRL (American Radio Relay League) since 1976. I was paying \$12 a year for QST, they offered a life membership for \$240, which was my first ever credit card purchase. Figured I would be a ham for 20 years and that would be that. However the magazine went up and so did membership, so a win after all. Got my money back on that deal several times over. Got lucky on that one. Well worth the admission price for a young ham. Plus you get a 47 year collection of QST's.

While at Stennis Space Center I worked for NORDA, NOARL and then NRL and on fleet trials one year (fall and winter, 1986), I got to operate the ship's station to join the Alligator Net on 80 meters (Alligator Net. 3.920-3.922 LSB) sponsored by the Ozone Radio Club, Slidell, LA.

Right before I began my period of ham inactivity (due to move and flying) I was part of the crew at Stennis Space Center, Bay Saint Louis, MS where the NASA radio station was ours to work the 25th Anniversary of the Apollo Lunar Landing. Lots of fun and contacts, very nice radio setup with a tower mounted large log periodic antenna. I still have a large manila envelope full of the international stamps that came in for the QSL card exchange. Our mailing address back then was:

K5GY  
C/O NASA  
Bldg 1201  
SSC, Mississippi 39529



◆ Henry seated at Stations 3 and 4 of the NASA Stennis Radio Room. Rear Group: Dave Marshall, Hillary Mesick, Chuck Thurman, and Terry W Towles, K5GY

Let me explain a bit about the flying detour. I began flying in 1991 while NASA was doing aerial surveying with a Lear jet and a thermal camera (8-12 nm range – very infrared). My aircraft did not have a belly polluted by exhaust heat from the engine so we installed two camera ports in the belly (one visual, one thermal, videos on YouTube under Grumman Pilots.) We had a battery, power inverter and two VCRs mounted in a rack in the baggage compartment. We then spent a few days gathering data over the Huffman Prairie at Wright Patterson AFB and with the data and the processing we were able to locate the original Wright Brothers hangar on Huffman

*Continued on page 13*

*Continued from page 12*

Prairie. We also showed where the road was, the trail to the latrine by the creek, and an old RR ROW all in reference to the hangar. Working with Dr. Tom Severs, NASA's only archeologist was a blast I still think about.

Flying eventually led to a YouTube channel, 'GRUMMAN PILOTS' now with over 11,000 subscribers. Learned a lot about video from all of this. On this channel you can find a split screen version of the visual and thermal data from the Wright Brothers Hangar work back in 1993. There is also video using fast scan television transmitted from the plane and lots of aerial video. <https://youtu.be/p8TgQkdoswU>

My wife Luann is a wonderful person who supports me in all I do. I knew I had married the right girl when I learned her dad was the FE on the C130 that landed on an aircraft carrier back in the 60's. Not just one landing, BTW, no tail hook, no JATO assist, the only mod a smaller orifice in the nose wheel strut. 27 landings from 80,000 to 124,000 lbs. Good job Al.

I joined a local amateur radio club near me, Milford Amateur Radio Club, they run a WIRES-X repeater and I bought a small digital handheld (FT70) so I could listen. Like what some of this digital radio can do, going to be fun.

I also just bought the Yaesu FT5D and set it up for APRS. I just checked aprsfi.com and there I was, rubber duck on my screened back porch showing location and message on the screen. Such fun!

Part of getting back in to ham radio again is reaching out to hams I knew years ago in the South. Sad state of affairs when I have to look them up and mail them a letter giving them my contact info and telephone number. I set up the forwarding so you can email me at: [N5AWB@arrl.net](mailto:N5AWB@arrl.net).

So today set up a Comet CP22E 5/8 wave 2-meter base antenna on a fiberglass mast up 20 feet through 50 feet of RG8X and with the FT70 or FT5D I can hit the repeater. So nice to hear and talk to the traffic. Well worth the few hours to set this antenna up. Thanks to the guys at R&L Electronics for the advice and having this stuff in stock. So we are back on the air and worked a station on the Lake of the Ozarks today. The Comet CAA-500 MK II antenna analyzer (1.8 - 500 MHz) says 50 ohms and 1.1 SWR at 146.76.

My ham gear from back in the day was an ICON R7000, IC 730, IC 211A, IC 471 with a Delcon T 210 linear amp. When I got the amp to check it my elmer Nic, set it up for testing and forgot to put the cover plate for cooling back on. Cost me 3 4CX250B tubes which were expensive back then but today, unaffordable. Amp works well except for the power meter but most of the time with the SB 102 and then the IC 730 I just ran barefoot.

I have bought recently an FT70, FT5D, FTM300D, HRI200, cables, adapters (antennas, coax, etc.) and now need a laptop to start with WIRES-X. I applied a few days ago for my node ID from Yaesu. Having fun with this.

Starting to feel more like a ham. Bought a new FP-1030A power supply for my FT991A and made some value added modifications. Video here: <https://youtu.be/5pniJw47wLU>

Joined and was accepted in the Quarter Century Wireless Association. Hard to believe that I qualified for a 45 year award. Time flies from 1977 when I got my license.

May 8<sup>th</sup>, at 9pm on the OH-KY-IN 146.67 repeater I participated in the SSTV net on the FM repeater.

Made my first visit to Dayton Hamvention this year along with my wife who is studying for Technician. It inspired this to the ARRL folks:

Video as we were leaving at 10:30 am on Friday to come home: <https://youtu.be/kGm2pGAzLLU>



*Continued on page 14*

*Continued from page 13*

So before I jump into the topic, let me tell you a little bit about what kind of ham I am. I was a novice at an early age building my own gear. Then in 1979, after using an ARRL study guide for advanced licenses past novice, I walked into the FCC office in New Orleans and took the technician test and passed it. Turned around took the general and passed it. Got the Advanced test and passed it. Turned around took the extra test, failed it as I didn't study the extra regulations in the study guide. My bad. However I got so busy operating voice with 2m and single sideband 40 meters that I wasn't worried so much about getting my extra.

Right after that college, marriage, and children took over in my life and my logbook went silent April 1980 until May of 2023. And in typical ham fashion I'm replacing all my old gear with new gear.

I have a new FP1030A power supply for my Yaesu FT991A that I modified before I've ever used it. I'm still putting my antennas up, but it sure makes me feel like a ham again! Which brings me back to the topic of publications.

You see when I was modifying the power supply I did consult my 1970 ARRL handbook while modifying the power supply for wire size, current values, drill sizes, etc.

I've always been a fan of ARRL publications. I bought QST in 1975 and in 1976 one of the issues arrived the same day my first credit card arrived. I used to read my QSTs cover to cover back in that time and I saw the Life Membership. There it was and I had a brand new credit card. So I purchased a life membership that year for \$240, which was 20 years of QST at \$12 per year, back then. I've also bought their handbooks over the years soft bound at first and then mostly hard copies. I haven't bought a lot of their reference books for FM, single side band, and antennas lately. Those specialty books were softbound, in smaller format, and costing about \$4 each back in 1976.

So here we are today, and I just got back from early Friday morning up at Hamvention in Xenia. Today May 19<sup>th</sup> I bent the ear of the ARRL staff there and had some good chats with the folks. On the way back home, while I was being driven home I got to thinking about the publications because we had talked about the dues increase and I don't have a dog in that fight because I'm a life member.

Now QST is going to cost what QST is going to cost to publish and it needs to stay color glossy. We also talked about the handbook now as the one that I just bought for 2023 the hardcover in black, nicknamed the tombstone, is really large and here's the tie-in:

During my modification of the power supply, when I had to go get an ARRL handbook to look up wire sizes and drill sizes and stuff for components, I didn't go to the 2023 handbook, I went to my 1970 handbook that was lighter. I could go to the page I needed very quickly looking up because it's dog-eared and marked because I've been using it for since 1970.

When we got back from Hamvention today I looked up the phone number for the ARRL HQ. I wanted to talk to the staff that really get their hands dirty all the time and had to stay and keep things running while others attended the event. The person who took my call was John and we had a nice chat about pubs and especially the handbook, which is why I am writing this.

Here are some ideas about the handbook: Loose leaf bound, so that you can bind it through ring binders or other types of binders for archival purposes on a bookshelf. Easy to photocopy or scan.

Put the handbook out in various volumes, each of the volumes covers various topics so say you only need to buy the volume for antennas or another topic just buy the volumes you need.

Then I really like the old handbooks because they were almost disposable. You'd buy one every four years or so back they were \$4. That's a dollar a year for your publication. Much like a phone book, you used, it marked it up, dog-eared it and then you threw it away when the new one arrived. They would not cost a lot but you will sell more of them.

*Continued on page 15*



*Continued from page 14*

So in closing, I think that when it comes to the handbook, there should be a pretty shiny hardcover that looks really good in your bookcase. However from a practical standpoint, for hams that get their hands dirty modifying and really using the information in the handbook, I'd like to see something more convenient as an alternative.

73s

Henry N5AWB

Here is the back story on all of this. 5 years ago in May I suffered a Spinal Cord Injury, which has left me with no feeling south of my waist. Confined to a wheelchair now for mobility.

My recovery has recently made it to the point where I start to feel somewhat normal and have a full day. As part of that we began going through all the stuff I have collected over the years and organize it. One large pile in the effort was my old ham radio gear. So I dusted off my old ICOM IC 24AT and R7000 receiver and took a listen. Funny, could see the signal on the repeater, but no voice. Yep, digital modes. Thanks to Dr. Google on that one.

So I ordered an Yaesu FT70 (had not been to R&L yet, the Candy Store) and was able to hear finally. So off to R&L for a FT5D and a FTM300, SCU-17, WIRES-X, FT991A, FP1030A.

With the FT5D I was able to get APRS up and running. It required a 5/8 wave 2-meter base antenna at 15 feet with the FT5D but I am solid into most of the repeaters I hear.

Once I had gear I started joining clubs. Started with Milford, used their website for the practice pool and test but eventually bought a 90 days subscription to a testing site and took practice test for 4 days until I was scoring in the high 90's or 100's. Went to the meeting at Milford, scored a 96 on the Extra.

Also joined the OHKYIN group but cannot make the meeting due to stairs. West Chester VOA group we attended open shack night, then the meeting the next night and joined. Fun group.

So in the process of setting up how I want my shack to be. Making decisions on tower and antennas. Thanks to all who have answered my many questions.

I have always been very independent and now I am forced to ask for help to do what I used to be able to do on my own. This really chaps my butt, but since I have no feeling there, it is a push. So let me say I do and will need help with the final assembly of the station. To that end, when we have a work day, I will provide a bbq lunch cooked on the grill, the pool is open for swimming and cold beverages after the work is done. That is how we did back when I first became a ham.

I was amazed at how easy it was to start with SSTV now. Back in 1980 I had a surplus Delta Air Lines WX Fax machine (rotating drum) on special thermal paper. It required a custom built circuit from my receiver to get the signal I was trying for which was the GOES weather satellite downlink. Needed a better receiver then. Now I just downloaded two free apps for my android phone and holding it near the radio, viola I am on 2-meters SSTV via a FM repeater. When the FT991A comes on line, I plan on trying to work some SSTV on HF, 6 meters and 2-meters SSB. Such fun, so much to learn about putting the theory to good practice.

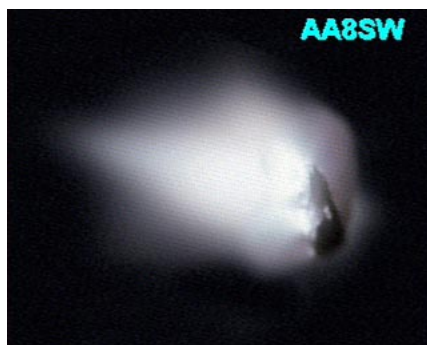
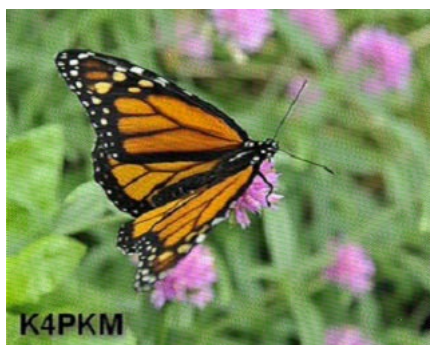
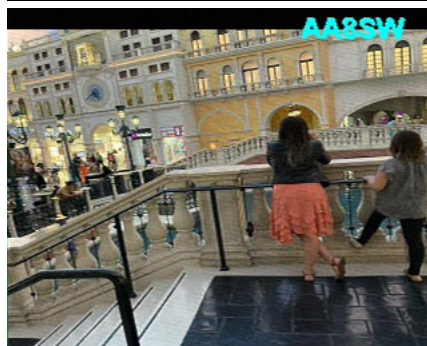
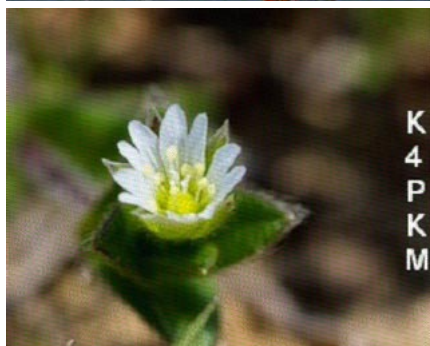
Having fun with the SSTV net every Monday on the 146.67 repeater . We also use the 146.76 repeater tied into America's KC Wide room. Luann and I tune in the Trivia net and Fishstick nets on Monday and Tuesday nights and we are happy with the warmer weather so we do not have to wrap with a blanket out on the screened back porch, the current shack. Jumping in with both feet, expression goes, although I cannot!

Henry N5AWB

Loveland, OH

### 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 - June 2023

## De KA3MTT

Sun	Mon	Tue	Wed	Thu	Fri	Sat
9X2AW - Rwanda Thru 6-14  	Z38EE - North Macedonia thru 5-30  	KH8W - American Samoa thru 5-31  	D4CW - Cape Verde Is thru 6-13  	1 T31TT - Central Kiribati thru 6-12  	2	3
4	5	6 VU7W - Lakshadweep Is Thru 6-18  	7	8	9	10 VP6A - Ducie I Thru 6-24  
11	12	13 8Q7KB - Maldives Thru 6-21  	14	15	16	17
18	19	20	21 7Q7WW - Malawi Thru 7-3  	22	23 VP2V - Br Virgin Is Thru 6-29  	24
25 OY - Faroe Is thru 7-5  	26	27 VP9 - Bermuda thru 7-8  	28	29	30	

*Prepared by Nathan Ciufu, KA3MTT*



## *Calendar of Upcoming Events*

Monday	June 5 @ 9:00 PM	SSTV Net (146.670 Repeater)
Tuesday	June 6 @ 7:30 PM	Club Meeting (Zoom & Lockland Church of the Nazarene)
Wednesday	June 7 @ 9:00 PM	Tech Talk Net (146.670 Repeater)
Monday	June 12 @ 9:00 PM	SSTV Net (146.670 Repeater)
Tuesday	June 13 @ 7:30 PM	Board of Directors Meeting (same Zoom info as club meeting)
Wednesday	June 14 @ 9:00 PM	Tech Talk Net (146.670 Repeater)
Monday	June 19 @ 9:00 PM	SSTV Net (146.670 Repeater)
Wednesday	June 21 @ 9:00 PM	Tech Talk Net (146.670 Repeater)
Sat & Sun	June 24 & 25	ARRL Field Day @ Mitchell Memorial Forest
Monday	June 26 @ 9:00 PM	SSTV Net (146.670 Repeater)
Wednesday	June 28 @ 9:00 PM	Tech Talk Net (146.670 Repeater)
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	Club Meeting <b>CANCELED</b>

### *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](mailto: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 Ciufu 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.