



Cleveland Chapter One NEWSLETTER

Established 1951

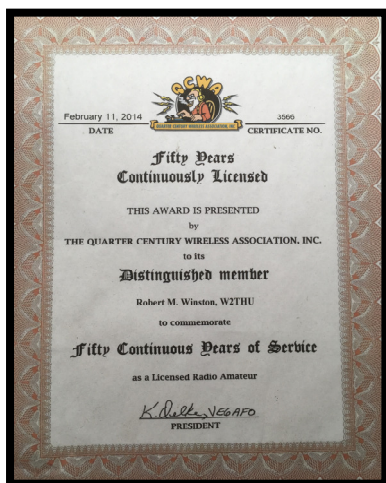
Fall Quarter 2019

W8LYD 146.850 PL 110.9

<http://qcwa-cleveland-1.org>

Join Us at Our Annual Award's Luncheon and More!

See a Buddipole™ Demonstration



Our Chapter 1 tradition continues when we recognize those amateurs who have made special contributions to our great hobby. Anniversary awards will also be presented to all QCWA members who have been licensed for 50 years, 55 years, 60 years and more. Some of you may also receive the Century Award or the Fifty Years Continuously Licensed Certificate.

There will also be a demonstration of the Buddipole.™ Fellow member **Paul Andrews, N8NYI** will set up this HF portable dipole antenna system right before your eyes. He will comment on his experience using this type of radiator while operating outdoors.

Join us starting at 11:30 A.M. at **The Play Arcade and Kitchen, 5900 Mayfield Road in Mayfield Heights**. Whether we are up or down, the back door is closest. Eat off the lunch menu for about \$10.00. Door prizes, 50-50 raffle, music, and fellowship awaits!

RSVP on the Wednesday night net or to w2thu@arrl.net ■

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Our Summer Luncheon Program



Marc Barnett, KA8CPB at the Podium

We had a very large turnout of members and friends who wanted to learn about the so called Internet of Things (IoT). Most of us came away feeling that any device connected to the internet is capable of spying on you. We also learned from our younger hams that this is not necessarily a concern for their generation. Many thanks to KA8CPB for a very fine program!

Future Luncheon Dates

*January 11, 2020, April 11, 2020
July 11, 2020, October 10, 2020*



Cleveland Chapter One Newsletter

Editor: .Robert M. Winston, W2THU

Distribution: Fred Freer, K8IG

Roster changes: Notify Secretary/Treasurer Jim Arcaro, WD8PFBK <jgarcaro@juno.com>

Meetings: Second Saturday of January, April, July, and October at the *Play Arcade and Kitchen*

Dues: \$10.00 per year if you want this Newsletter mailed to you via USPS. Dues is free if you are 80 or older or accept this Newsletter via email only.

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Chapter One Officers

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Operational Group

Membership reporter: Open

Net controls: N8ZT, KC8UIQ

QCWA Journal reporter: K8IG

License trustee: N8ZT

Awards chairman: Open

Door Prize chair: N1BCF

Chief radio officer: K8QOT

Chapter musicians: WA8OZC, WB8ADF

Sunshine reporter: Open

Web administrator: K8ZGW,
<dritchie@dr.com>

■
Please notify Secretary/Treasurer Jim Arcaro of any changes in your address, e-mail etc. so your roster information can be kept current. Thanks.



New Members or Friends of Chapter 1:

Frank Horvatic, W8BMW of LaGrange, Ohio, who is a QCWA member, is now a member of Chapter 1.

Welcome! Please check into our Wednesday night net on 146.85 MHz. at 8PM. Newcomers are announced and called on the air.

Silent Keys:

David Goodman, WA8UIT was a consultant to government agencies on RFI. Condolences to his XYL Helen Bell, KC8IKK and family.

Sunshine:

David Dennis, W8DDD, is recovering from replacement hip joint surgery but is expecting to join us at the fall luncheon next week.

Recent Activities:

Jim Arcaro, WD8PFBK, is helping to repair the firebox on the steam locomotive Reading 2100. This restoration is taking place at the Roundhouse in the Cleveland Flats.

Jeff Covelli, WA8SAJ, reports that he assembled the Nouveau-75 QRP AM transceiver kit, along with **Fred Freer, K8IG** and **Jim O'keefe, N8AUG**. (More on this nifty rig elsewhere in the newsletter.) WA8SAJ is also experimenting with the Heil Parametric Equalizer.

Craig Kollai, N8ZT, and his XYL Elizabeth just returned from an African safari. Perhaps N8ZT will be able to give a program on their travels at a future luncheon.

Metro Sinko, W8MET and XYL **Linda Sinko, N8LRS** participated in the 4th annual POW/MIA special event from Ohio on 40 meters.

Bryan Torok, N8OOF retired from the Cleveland Division of Police on August 6, 2019 after completing 38 years of service. Due to the vagaries of Medicare and health insurance costs he is looking for a job.

SECRETARY/ TREASURER'S REPORT

By Jim Arcaro, WD8PFK

Chapter 1 members and friends - the Treasury is in very good shape this fall, with a balance of \$5,479.40. It's worth repeating that you need to remember several things:



- 1) You need to keep me informed of any changes to your E mail address.
- 2) You pay no Chapter dues if you receive the Email edition of this newsletter, and are a full member of QCWA.
- 3) If you wish to receive a printed newsletter, please send a check for ten dollars, payable to QCWA Chapter 1 to: QCWA c/o Jim Arcaro PO Box 324 Wickliffe, Ohio 44092. The only exemption for this is if you are over the age of 80.

I have come up with a clever little way of circumventing the monthly bank maintenance fee. The bank waives the fee if there is any deposit, of any amount, for the month. So, instead of taking the 30 or 40 dollars we collect from the 50/50 raffle, and depositing it all at once, I deposit 5 or 10 dollars each month. We have not been charged any fees since this went into effect and I started doing this.

The Cleveland Hamfest has just passed and we had quite a few members stop by, sign in, and say "Hi !". We also welcomed a new member to Chapter One. He is: W8BMW Frank Horvatic . Welcome Frank !! One thing I did not like about the Hamfest is the new "ending" time of 12 Noon. I would change that to 1 PM. The reason being that vendors seem to pack up an hour before the closing time. So this year, some started to pack up at 11 AM. If you get there at 10 AM, you have one hour to walk around, see everything, and converse ? I think not.

On another subject, we are always looking for meeting topics, and one I would like to see is an introduction to LINUX. With Windows 7 losing support next year, and changes coming down the pike every year like

CLEVELAND HAMFEST HOSTS CHAPTER 1

The 45th Cleveland Hamfest featured great weather, a fine flea market and indoor vendors. We set up our club table featuring award plaques, newsletters, applications to join both QCWA and our local chapter. Other handouts included reasons to join QCWA and reasons to join Chapter 1.

About 33 amateurs autographed our sign in sheet and we gained a new member to boot! Welcome Frank, W8BMW.



David W8DDD, Doug AB8M, Don, K8ZGW and Marv, W8AZO at our Chapter 1 Table

clockwork, I would entertain changing computer systems to avoid ALL the problems the Windows operating systems present. All we need is someone to step up who knows how to explain things slowly and in simple terms. Like most of you, I know almost nothing about LINUX, except how to spell it.

If YOU have a topic you would like to present, please let our President Bob Winston W2THU or me know. Thank you.

Don't forget, the weekly net is on 146.850 MHz, 110.9 PL, every Wednesday night at 8 PM. The Chapter 1 website is: qcwa-cleveland-1.org , where you can find this and previous newsletters and all kinds of other Chapter information. Also, the Facebook page is: QCWA Cleveland Chapter 1, if you care to visit, or join. 73, Jim

RADIO SLOYD — PART 2

By David Kazdan, AD8Y

(Reprinted from West Mountain Radio Newsletter with permission of the author.)



CWRU Amateur Radio Club President AC8XY

After licenses are gained, we distribute inexpensive HTs and have on-air communication exercises. We hold demonstration traffic nets and emergency nets, and we have an on-campus contest.

Students who want more technical radio content may join us in building tape-measure Yagis for the foxhunts, operating and maintaining the station with us, and planning engineering senior projects that use the station.

The CARC has been used as a curricular lab now in courses on mixer circuits, RADAR, communications theory, and acoustics. We have won the School Club Roundup several times, had good showings in November Sweepstakes, and supervised about fifteen senior electrical engineering projects. The student club has become a well established part of the university's academic ecosystem.

It's been a wonderful experience! Let us know if you would like to schedule a contact and obtain the coveted W8EDU QSL card, or if your club—collegiate or otherwise—would like to compare notes on operating, class involvement, and research projects.

POW/MIA SPECIAL EVENT

By Metro Sinko, W8MET

For our fourth year **Linda N8LRS** and I were operators for the Special Event POW/MIA from Ohio on 40 meters SSB. Linda was at the microphone and I was the logger. Forty-five states QSO'd with us and we logged 630 QSOs.



The POW/MIA Special Event QSL Card

This event originated from Mike, K4MIA and this is his 10th year. There were a total of 8 operators on 40, 20 and 2 meters working other modes such as PSK31, SSTV and FT-8. We had operators from Texas, Mississippi, Utah, Florida and Ohio. The group effort had a total of 2,675 QSOs and 49 states worked, missing Alaska. If you go to QRZ.com and query K4MIA, complete information can be found with pictures of the operators. A picture of the QSL card is shown above.

We work this special recognition to support our troops. I was working the originator, K4MIA during the event one year and found out that we both worked each other as novices in 1968 when we were only 15 years old and a friendship was rekindled on the air. Mike asked me to participate in this event and I have been doing it ever since.

73, **Metro Sinko, W8MET**

President's Perspective

By Bob Winston, W2THU

It's the 4th day of October and we just turned the heat on! My goal was always to wait until November to warm up the house. Is this another sign of getting old?

Editing this Newsletter was a lot easier this quarter because I received so many articles. We normally have two regular contributors, WD8PFK and KE8RN. This time we had six. Thanks so much and keep those stories coming!



Fairport Harbor Lighthouse at the Museum

Lighthouses on the Air - On the weekend of 17-18 August, I had the pleasure of participating in this event, in which amateur radio operators all over the world set up their stations at, on or near a lighthouse. Thanks to David Spondike, N8SAX of Copley Township who picked the Fairport Harbor lighthouse, for alerting me to this opportunity.

Locals know that Fairport Harbor has 2 lighthouses. There is one at the end of the breakwater that is not easily accessible. Dave operated from there. I chose the other one, which is a few hundred yards from the Lake Erie shore and is now a museum. The folks in charge were very kind to me, allowing the full use of an adjacent garage to set up my Icom IC-7000 and LDG ID-100 Autotuner, and to be protected from the elements.

Now it was time to set up an antenna. I brought a 20 meter dipole that I had assembled years ago for portable work.

After eyeballing the area, I decided to tie one end of the dipole to the top of the lighthouse. I climbed the circular staircase inside the structure being careful not to bang my head when I got to the top rung which terminated in sort of a trapdoor. Once outside it was fun to walk 360 degrees around the circumference where I took pictures from all points of the compass.



W2THU & K4LNN at Fairport Harbor Lighthouse Museum Garage

I fastened one end of the dipole to the protective railing and returned to the ground. Unfortunately, I didn't have enough rope to run over the top of the museum and connect the other dipole leg to a flagpole, which would have resulted in a fairly horizontal antenna. I opted instead for a rather short lightpole behind the garage resulting in a 20 meter dipole with one leg almost vertical and the other horizontal.

Luckily, a would be ham, Brian Stevens, who had come by to observe amateur radio in action arrived just in time to help me with the ropes. (Brian is now KE8NAG, having just passed his Tech and General exam at the Cleveland Hamfest!)

How did we do? Well, Duane Duncan, K4LNN, who was visiting from Vero Beach, made the initial contacts the first hour. I operated both days and worked 21 states, all on 20 meters. I did work states on all 4 "coasts" of the continental U.S., although I had very few QSOs, probably due to the terrible band conditions and compromised antenna.

Fall Luncheon - I was going to write about some other topics but I ran out of space. So, I'll see you at the luncheon where I can tell you more.

HALLICRAFTERS AND MANY MORE USA AND UK HAM SUPPLIERS VANISH

By George Mistic, KE8RN



The Hallicrafters S-108 was a fairly low cost receiver with reasonable performance; the SX-110 was basically the same receiver with a crystal filter, S-Meter, and antenna trimmer added and the speaker deleted. These receivers are new and updated versions of the earlier S-20 and S-20R followed by the next generation S-40, S-40A, and S-40B. These receivers were a step above the S-19 Sky Buddy and the very popular S-38 family which included the S-38, S-38A, S-38B, S-38C, S-38D, and S-38E. The S-108 became available in 1959 and went on until 1963; the SX-110 lived from 1960 to 1963. These models led to several later receivers that continued through the balance of the 1960s and some survived well into the 1970s.

Hallicrafters built some models that were all new and not updates of earlier models, but the updating of earlier models was done very frequently. The SX-42, S-76, SX-71, SX-101, SX-115, SX-117, and SX-146 were all new models, not obvious updates. Others of Hallicrafters many, many models borrowed heavily from earlier models. Famous derivatives include the S-40 family, S-85, SX-99, SX-100, S-120, S-129, SX-25, SX-62, SX-96, SX-99, SX-110, SX-122, and SX-133. Many more models borrowed ideas from earlier Hallicrafters or other products. Ultimately, the advances of Collins Radio Company were the most significant ideas copied by others in the amateur radio business. Sadly, Collins is happy to stay with the commercial aircraft, military, and government business and no longer pursue the amateur radio market, which served to keep the Collins name in the public eye.

Like many of the traditional ham radio product suppliers, Hallicrafters fell on hard times starting in the 1960s. Some amateur radio suppliers like Drake, Collins, Swan and a few others went on well into the late 1970s, 1980s, and in a few cases beyond that. Sadly, brands like RME, Hammarlund, Gonset, SBE, National, and Galaxy/Globe/WRL did not survive the 1970s if they made it that far. Sad to see mostly companies from Japan and similar areas to be the only suppliers left. A few USA and UK companies are in the amateur radio business, but far fewer than there used to be.

TUBA PLAYING CHAPTER MEMBER MARCHES IN OU ALUMNI BAND!

George Harizal, K8HLJ



K8HLJ front row, 2nd from left, in 1967

I will be out of town marching with the **Ohio University Alumni Marching Band** the same day as the fall Chapter 1 luncheon. Events include marching in the homecoming parade, performing at the Ohio U. vs Northern Illinois Football Game Homecoming Halftime show and postgame and lots of socializing with fellow band members from decades ago.

I was one of the founding members of the current edition of the **Marching 110**, having marched with the band from 1965 through 1969 plus a number of Homecoming games after that. The band had 110 members when I marched but as it grew through the years to almost 250 today, it kept the name "Marching 110" to indicate the percentage of effort expected from every member at every rehearsal and performance.

It's a world class band that was the first collegiate band to perform in New York's Carnegie Hall, and it has performed in Italy, Ireland and France and marched in the Macy's Thanksgiving Day Parade three times and will travel to Japan next year!

73 to all my fellow QCWA friends.

BUILDING A QRP AM TRANSCIVER KIT

Fred Freer, K8IG

Several of our chapter members have embarked on counter-intuitive kit building (i.e. QRP equipment in the depths of sun spot activity). **Jeff Covelli, WA8SAJ** and **Jim O'Keefe, N8AUG** and I (mine is serial # 43!) are building 75 meter AM phone QRP kit transceivers manufactured by 4SQR (www.4sqr.com). These kits are accompanied by manuals that are not quite as instructive and orderly as were the Heathkit (or even Eico) manuals. However, the design incorporates contemporary technology (IC's and digital displays and a hand-held microphone) and the builder gets to wind four



toroids too.

In the old days, (yesteryear), we wired components to terminal strips, tube sockets, filter cans and soldered discrete resistors, capacitors and maybe even strung dial cords in our kit building days. In these kits, all of the components are soldered to a circuit board (some components are preassembled and soldered), a few wires are prepared and connected, four toroids are wound and mounted and the case panels are mounted to and surround the printed circuit board. We'll plan an update on these projects for the January, 2020 meeting.