



Cleveland Chapter One NEWSLETTER

Established 1951

Summer Quarter 2019

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

The Internet of Things at our Summer Luncheon on Saturday July 13th, 2019



This quarter's program is brought to you by Friend of Chapter 1 **KA8CPB**, Marc Barnett, Director of Infrastructure at John Carroll University.

IoT (The Internet of Things) is everywhere today. It intersects with our business, our personal life, and most importantly our hobby.

We will take a high level view, of the what, how, where and why of IoT from wireless technology to devices you probably didn't even know are on the internet.

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@arrrl.net ■

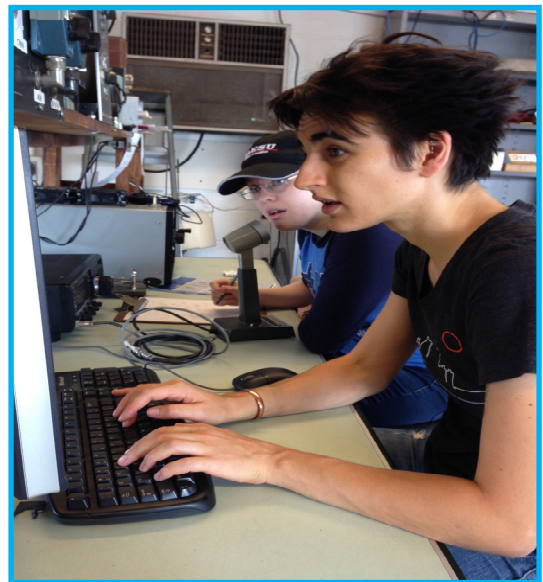
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Radio Sloyd– Part 1

By David Kazdan, AD8Y

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



Future QCWA members **AC8XY**, President of Case amateur radio club and **KE8HHV** operating at **W8EDU**

“Sloyd” is a 19th century Swedish word that translates roughly to “manual dexterity” or “craft.” It refers primarily to woodworking as an educational tool.

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Future Luncheon Dates

*October 12, 2019 January 11, 2020,
April 11, 2020 July 11, 2020*



Cleveland Chapter One Newsletter

Editor: .Robert M. Winston, W2THU

Past editors: George Mistic, KE8RN; "Dee" Logan, W1HEO; Bernie Hinrichsen, W2NTB (SK); Joe Zelle, W8FAZ (SK); Joe Tomazic, WT8P (SK).

Distribution: Fred Freer, K8IG

Roster changes: Notify Secretary/Treasurer Jim Arcaro, WD8PFK <jgarcaro@juno.com>

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

Dues: \$10.00 per year to Treasurer WD8PFK

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Chapter One Officers

President: Robert M. Winston, W2THU;
(216) 924-3314, <w2thu@arrl.net.>

Vice President: Fred Freer, K8IG; (440)446-8000, <w8fsf@arrl.net>

Secretary/Treasurer: Jim Arcaro, WD8PFK;
PO Box 324, Wickliffe, OH 44092; (216) 337-2793 <jgarcaro@juno.com>

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.

PEOPLE

New Members or Friends of Chapter 1:

Francis (Frenchie) W. Bousquet, Jr., W8KDT, of Mentor is now a member of QCWA and our 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:

Henry L. Schultz, W13U, a longtime Chapter 1 member passed away in Erie, Pa in June 2018. (Read is obituary on qrz.com.)

Jane Yvonne Stasun, K8OHS, of Willowick taught math and science at the Willoughby-Eastlake Junior High School for 40 years. Although not a QCWA member, she ran the Ham Radio Club and taught morse code to the students. (An early and unsung teacher-Elmer à la Carole Perry, WB2MGP?)

Recent Activities:

Jeff Covelli, WA8SAJ, reports that he is enjoying the well made Italian *ELAD* T-Mate2 control unit for his new SDR-PLAY SDR receiver. "This takes the mouse out of most functions and makes it like a REAL radio!"

Chuck Patellis, W8PT, suffered damage to his two towers and antennas in a winter storm this past February. He is in the process of erecting 2 Rohn 45s with an impressive array of HF & VHF monoband antennas and a log periodic! This is in addition to his 1/4 wave 80m vertical. Good DX Chuck!

Craig Kollai, N8ZT, reported on our Chapter 1 net that he was elected President of the Aurora Community Theatre, where he has taken an active part for the past 10 years. Congratulations Craig!

SECRETARY/ TREASURER'S REPORT

By Jim Arcaro, WD8PFK

As I write this near the end of June, our treasury currently stands at \$5,601.35, so we are in pretty good shape. Our bank wants to begin charging us some small fees, and I will be stopping by and reminding them that they have a large sum of our cash, and we are not afraid to shop for a better deal. Stay tuned for updates.



Remember, there currently are no Chapter 1 dues if you were a previous member in good standing in 2018, and agree to receive the newsletter by Email. There are also no dues for those 80 years old, or older. If you wish to receive the newsletter by USPS mail, then send a check for 10 dollars, and note your Name, Call letters, and current USPS address to me at: QCWA Chapter 1, c/o Jim Arcaro, PO Box 324, Wickliffe, Ohio 44092.

Once again, it is important to notify me if you have moved, or have changed your Email address. I will usually send you back an Email confirming your request, just to make sure it's from you. You can send me an Email at: jgarcaro@juno.com

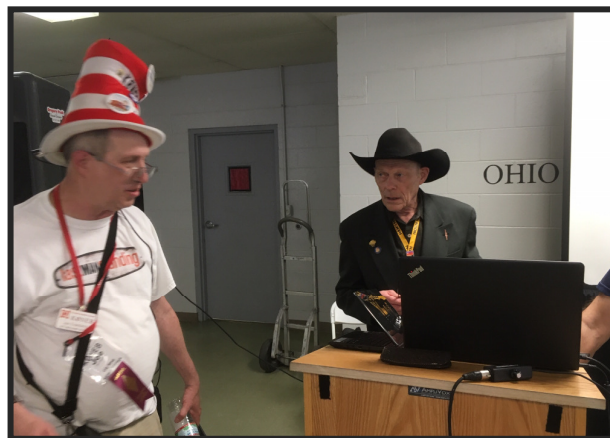
Field Day has just passed, and hopefully you were able to enjoy it, in one way or another. Kathy and I were invited out to a picnic near Parkman, Ohio, featuring some of our musician friends who excel on acoustic instruments, as well as a pedal steel guitar. Playing the pedal steel requires the use of both hands, both feet, and at least one knee! If you are right handed, you hold the slide in your left hand. You pick with the right, using finger picks. Your right foot controls the volume pedal, your left foot operates the pedals, which changes the pitch of some strings. Your left knee operates a lever which also affects the strings. I think it is the most difficult instrument to play well. Only a pipe organ comes close.

Friday lunch bunch continues at 11 AM weekly, at the Manhattan Deli on Ridge Rd., west of SOM, near Heinen's. Regular attendees were recently surprised by a visit from "Frenchie" W8KDT, who has been a ham since 1948. That's longer than I have been alive. He is well, and it was good to see the veteran. Other attendees over the past months have included: Sally N1BCF, Peter W1BKZ, Mark KC8FQV, Eddie KD8FTS, Bill N8IJG, Larry K8LPC, Charley WA8NJP, Ed WB8ROK, Ray N8EQT, and Jeff WA8SAJ. The "regulars" include: Bob W2THU, Marv W8AZO, Betty KC8FF, Jim WD8PFK, Jenn KG8WJ, Dick WA8TPP and Jeannie KC8MNW.

QCWA AT THE DAYTON HAMVENTION

Our national organization held its annual meeting at the Dayton Hamvention on Saturday, 18 May 2019. Chapter 1 president, **Bob Winston, W2THU** attended.

QCWA President, **Ken Oelke, VE6AFO** presented the 55 year Chapter Longevity Anniversary Award to Nebraska Chapter 25. **Joe Eisenberg, K0NED**, accepted. Joe is easily spotted and well known at Hamvention for wearing his Dr. Seuss hat. He also presides over the kit building forum at Hamvention and



K0NED & VE6AFO at QCWA Annual Meeting

is the kit building editor for CQ Magazine.

President Oelke reviewed the organization's financials including scholarships for amateur radio students attending schools of higher education.

Carole Perry, WB2MFP and **Dave Prestel, W8AJR**, discussed youth education and the FAR scholarships, respectively, both offering excellent advice in their fields. In particular, Dave urged us to encourage students holding amateur radio licenses to apply for these Foundation for Amateur Radio scholarships. Carole introduced a scholarship recipient, **Ruth Willett, KM4LAO**. Ruth thanked QCWA for funding these awards, without which she would not have been able to attend college.

For more information on the annual meeting, see the *QCWA Journals* for June and July of this year.

Sloyd

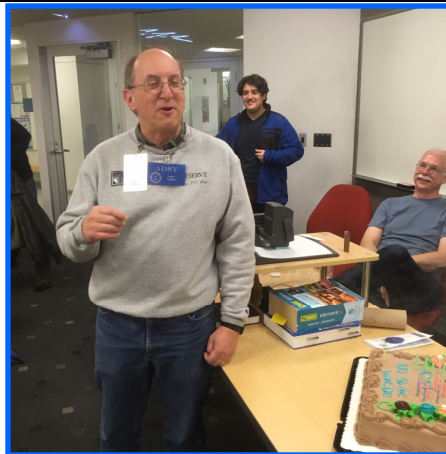
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The officers of the Case Amateur Radio Club of Case Western Reserve University in Cleveland, Ohio have created “Radio Sloyd.” In this university classroom curriculum, amateur radio is used broadly in teaching, research and critical thinking. This certainly could be extended to the teaching of science, technology, math, language arts, history, social and political science, and other university-level areas. Our class has been successful in guiding four years of students through library research and paper writing, with focus on communications regulation and censorship issues. It has produced award-winning papers, an IEEE conference presentation, and a teaching award for its faculty advisor. It has certainly put the amateur radio club on the university’s map. We hope that it can become a model for university amateur radio clubs’ interactions with their schools.

Collegiate amateur radio has had varying fortunes. Columbia University and Massachusetts Institute of Technology had the nation’s first college clubs and stations. By the middle of the last century, about two hundred schools had ham clubs and they were part of the technical teaching landscape. Just as school music departments had bands and orchestras, physics and electrical engineering departments had a lab with antenna cables running out the window to rooftop antennas. Students, faculty, and staff visited off hours to maintain the equipment and use it for contests, DXing, traffic handling, and sometimes research—all the activities the Amateur Radio Service is meant for. Sputnik was tracked by school stations, and much radio and antenna research was published out of the facilities.

Then the internet happened.

By the early 1990s, many of the technically-minded students who might have investigated radio engineering and amateur radio headed for computer programming and the internet. It’s hard to blame them; computer networking and communications was quite obviously the “next big thing” of the era. To students, amateur radio suddenly looked quite old-fashioned.



The author Dave, AD8Y celebrating at W8EDU

University amateur radio stations went unused. The floor space was valuable and was repurposed; equipment budgets were reduced, often to zero. Universities were becoming liability sensitive at the same time, and roof access for antenna work was taken away from radio club members.

The Case club was never dismantled. The station is in a blockhouse on the roof of an 8-story engineering building and although it was nearly disused for ten years, it did remain available. Some maintenance and station improvement was performed by alumni members. The station’s two towers stayed in place, decaying in Cleveland winters but putting out a signal when activated. A new group of students discovered W8EDU in 2010 and reactivated its undergraduate club charter. They gave license exams and station tours, had operating activities including hidden-transmitter hunts, and enjoyed having a meeting place.

In fall of 2015, the electrical engineering department chairman told the faculty advisor that the station was under pressure from university administration for closure, primarily because university attorneys wanted students off the roof and certainly not climbing towers. He said he could support the station’s continued existence *if* the facility had involvement in university curriculum and in research. He could not support it solely as a student club only—the club would have to get off the roof. Members talked about it. We proposed a course to the

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President's Perspective

By Bob Winston, W2THU

Happy Fourth of July! Yes, I am writing this column on our national holiday, a time when we get together with family and friends to celebrate the founding of our country. Hopefully, you were able to do so.

Volunteers Needed - You may have noticed three vacancies in our *Operational Group*, which is listed on page 2 of every chapter newsletter. Both the Membership Reporter and the Sunshine Reporter require someone who **regularly** checks into our Chapter 1 nets. I suppose this could be the same person. News of new members would come from our secretary, while sunshine (birthdays, sick list, silent keys) might take some fleshing out.

The Awards Chairman, with the advice and consent of our officers, and member recommendations, selects those who are to be recognized at our annual awards luncheon in October.

Please contact me via email if you are interested in helping out. Tnx!

Cleveland Hamfest -

The 45th Cleveland Hamfest is set for Sunday, 22 September 2019 at the Cuyahoga County Fairgrounds. Gates open at 8 AM. Chapter 1 always sets up a table where we promote QCWA and our local chapter. We are looking for volunteers to help set up and man (and/or woman) the table. We need a fresh face or two to promote our organization. Please volunteer!

Dayton Hamvention® -

Jeannie, KC8MNW and I made the trek to Xenia to attend the 67th annual Dayton Hamvention®. This time we stayed in an Airbnb in Urbana. Previously we lodged in Troy for many years but Urbana is quite a bit closer to the Greene County Fairgrounds.

Every small town has something special. We were walking around Urbana's downtown area and came upon an old movie house that had been converted to a live theatre venue, known as the Gloria Theatre. We were treated to the *Harps of Grace*, a 12 member harp ensemble that played

superbly and at a bargain price of \$7.00 each!

This third edition of Hamvention® in Xenia proved the charm. We experienced no problems and the weather was perfect. They eliminated the bussing problem from the high school parking lot to the Fairgrounds by taking us right to the entrance, rather than dropping us off in a field across the way where, in prior years, farm tractors pulled



W2THU & KC8MNW at HAMVENTION®

wagon loads of hams through the mud!

I didn't buy much because I don't really need anything. However, I purchased one of those motorized antenna mounts where you lower your VHF/UHF mobile antenna so you can clear your garage door. Well, it didn't take long for me to forget to lower the antenna, resulting in the mount ratcheting backwards. It's a simple fix and hopefully I won't do that again.

CWRU Ham Station W8EDU -

Dave Kazdan, AD8Y, who is the faculty advisor at Case's amateur radio club, advises that Amateur Electronic Supply's entire QSL collection from the Wickliffe store is now in their care. W8EDU is looking for stories about these cards and requires assistance in organizing and scanning them for the Cleveland Memorial Project.

The Case ham club will be helping out with the WWV centennial celebrations and special event station in October, when WW0WWV will be on the air 24 hours per day for 5 days. You can contact David via email: dxk10(at)cwru.edu.

See you at the luncheon! 73, Bob W2THU

A Gonset G-50 Got Me On The Air Right Away in 1963

By George Mistic, KE8RN



I first got my amateur radio technician license in 1963 on the day President John F. Kennedy was assassinated in Dallas, Texas on November 22. My father John, W8VRJ, had bought the G-50 a few years ago, about 1960. He was somewhat disappointed in the receiver sensitivity since before the Gonset G-50, he had used a very good six meter converter with a Hallicrafters SX-71 tuning 14.0 to 18.0 MHz to cover the six meter band. He copied the cascode RF amplifier stages of the Tecraft converter in a Bud Radio mini-box using two 6BQ7 tubes. It dramatically improved the G-50 receiver.

The Gonset G-50 ran 48 watts input on six meters from a 6146 tube in the final amplifier which delivered about 27 watts output. It was modulated in a most strange circuit with a pair of 6L6GT tubes in parallel providing both the receiver audio and Heising modulation of the 6146 final amplifier. The G-50 only had a 120 VAC power supply internal because it was too large to use mobile although six meters was a popular mobile band at the time. The G-50 had a lever switch like the Gonset Communicator I, II, and III did; it is I think odd that it did not have a relay to provide Push To Talk [PTT] operation as the competitive Clegg Thor VI did provide. The Clegg Thor also had push-pull 6BQ6GTA tubes to provide modulation. The Thor ran 60 watts to a type 6883 tube which is a 12.6 volt filament version of the 6146.

Clevelanders probably remember Eunice Bernon, K8ONA, wife of Bernie Bernon who ran Bernie's Ham Shack on East 21st Street. Eunice ran the Apricot Net on 51.0 MHz every Monday night starting at 8:00 PM. In 1965, at age 16, I was hired to work Saturdays at Bernie's Ham Shack by Eunice Bernon for \$16.00 a Saturday back when the minimum wage was \$1.60 per hour. I had inherited an automobile, a 1963 Buick LeSabre that I had until 1970, so I could drive to work. Eunice and Bernie took a vacation to Florida in 1965, 1966, 1967, and 1968 in the summer while I worked at the store for about 10 to 15 days. Sadly, Bernie Bernon died in 1968 at age 54, very young.

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Gonset G-50

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I became interested in two meters which was an AM band in the mid 1960s. Bought an Ameco NuVistor two meter converter in 1968 and also built a Heathkit HW-30 Twoer. I used the Twoer for almost a year before building a transmitter using a 6146 tube in the final amplifier. I used the converter with a National HRO-7 that I bought for \$35.00 from the original owner who advertised it in the Sun Press weekly newspaper.

I was on both six and two meters for years; I bought a Clegg Thor VI from as I recall Olson Radio which used to be at 2020 Euclid for years back then. They closed out a few Cleggs at a HUGE discount; I bought a SSB six meter transceiver at the same time. I used them for years. I don't recall when or how the Gonset G-50 was sold, but it gave me a great start in ham radio.

George Misic, KE8RN, WA8LEM back then.

SLOYD

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CWRU general education program that involved amateur radio education. We were told that the course needed academic research and writing content. We huddled again, and developed Radio Sloyd. Among university courses that teach amateur radio and have license examination as part of coursework, this one is nearly unique in being part of nontechnical curriculum.

Our course, *Shrinking the World: Ham Radio and Distance Communication*, discusses the ways humans have communicated over long distances from ancient times to modern. From the first class, emphasis is on the ways that communication has altered human history, has had economic importance, and has been controlled in ways good and nefarious. We discuss smoke signals and the semaphore towers of Europe (with a nod to *The Count of Monte Cristo*), postal systems and landline telegraphy, newspaper distribution, radio, satellite communication, the internet.

Students learn some rudimentary cryptography (not for amateur band use!). Our in-depth discussion of communications regulation is FCC Section 97, the amateur radio service. The mid-term exam is the Technician test and all students are expected to qualify for that license.

We have reading and writing assignments as would any collegiate critical-thinking and research course. Students sample historical communications systems beginning with postal letter writing on stationery and with interesting stamps, a new experience for many of them. The next reading/writing assignment involves studying electric telegraphy and telegrams. We bring this to life by having students write amateur radio radiograms within the rules of amateur radio communications and third party treaties. We create an ad-hoc traffic net to get radiograms out of the classroom, and students are invited to watch the process of their messages being placed in the National Traffic System for dispatch—some in CW. They are asked to report when they receive a radiogram or other notification in response, and radiograms received at the club station for students are presented with some ceremony in class. The local and state level nets know we do this and are fully cooperative with the volume of traffic generated.

Amateur radio contesting is presented as an example of constrained speech, and all students are expected to make contacts in the School Club Roundup. Club members volunteer their time to act as control operator for the contest, and we usually do well in the Collegiate category.

(Part 2 will be published in the fall newsletter)

FRIDAY LUNCH BUNCH

Every Friday around 11 AM, a group of hams meet at the Manhattan Deli, located on Ridge Road, just west of SOM Center Road in Willoughby Hills. This is not a QCWA event. All hams, and even non hams, are welcome. The food is very good

QCWA CLEVELAND CHAPTER 1

c/o James Arcaro, WD8PFK

PO Box 324

Wickliffe, OH 44092

FIRST CLASS MAIL

QCWA CHAPTER ONE NEWSLETTER

Read this Newsletter in Color:

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