



# Cleveland Chapter One NEWSLETTER

Established 1951

Winter Quarter 2019

W8LYD 146.850 PL 110.9

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

## How About Some Story Telling at the Winter Luncheon on Saturday January 12th?

Hams are known for chewing the rag!



Oftentimes, the best meeting programs are when you share those amateur radio memories. After all, we are a group of old timers who can spin a yarn or two. Tell us how you got into the hobby, your first rig, your first DX contact or your first public service event.

Do you have any amateur radio related pet peeves? What's the proper way to call CQ, or to break into an HF QSO? What topics are taboo on the airwaves nowadays? Is destined a word? What the heck is your "personal?"

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](mailto:w2thu@arrrl.net) ■**

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### Do You Remember This?



Recently, **Jerry Dusa, WB8ADF** visited **Bob Winston, W2THU's** QTH. Jerry mentioned that his uncle, Joe Chadowski, had several patents, one of which was for an antenna controller assigned to the Cornell-Dubelier Company of South Plainfield, NJ.

Bob reviewed the patent and thought it looked familiar, so he went into the garage where he kept some of his old stuff. It didn't

*(Please turn to page 4.)*

### Future Luncheon Dates

*April 13, 2019. July 13, 2019  
October 12, 2019, January 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, W8FSF

**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, W8FSF; (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:** KE9UL

**Net controls:** N8ZT, KC8UIQ

**QCWA Journal reporter:** W8FSF

**License trustee:** N8ZT

**Awards chairman:** Open

**Door Prize chair:** N1BCF

**Chief radio officer:** K8QOT

**Chapter musicians:** WA8OZC, WB8ADF

**Sunshine reporter:** Dick Ingraham, WA8TPP, <reingraham@oh.rr.com >

**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:*

**Jennifer West, KG8WJ**, Willoughby, Ohio

**James Tullis, W8CZN**, Hudson, Ohio

**Gerardo Garcia, K5VC**, San Antonio, Texas

(All of the above are members, not friends, of Chapter 1 because they are members of QCWA.)

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

### *Sunshine:*

**Ed Stevens, WB8ROK**, is recovering from burns he received as a result of a house fire. Unfortunately, Ed's QTH will have to be torn down, but Ed is in good spirits.

**John Esborne, K8OCK**, was honored for his WWII military service at an in-home ceremony. (See page 3)

**Cliff Bade, W8CJB**, is recovering from a bad fall where he broke some bones while in Sedona, Arizona.

**Joe Nocifora, KE9UL**, is recovering from a mini stroke at a rehab facility in Chardon. He has been checking into the Trivia Net with an HT.

### *Recent Activities:*

**Sally Dawson, N1BCF** and **Pete Harmon, K1BKZ**, asks how do you turn a 10' corn stalk into an antenna? Good harvest including 50 quarts of cider. They have a new Yaesu FT991A which is really nice for a push button radio. It does it all from MF through UHF. Check out Pete's boat anchor equipment on his qrz.com page.

**George Mistic, KE3RN**, published an article in the January 2019 *QCWA Journal* on the Drake 2-NT 80-20 meter CW Novice transmitter.





## Birthdays this Quarter

Happy Birthday to the following Chapter 1 members.

### January

K8PP	Fred Doob	1/15
KD8OXS	Tim Hunter	1/16
N8UIN	Sherrell Wimer	1/21
KC8UIQ	Robert Robertson	1/21
WB8LDV	Charles Martin	1/28
W8DDD	David Dennis	1/28
AB8M	Doug Dever	1/30

### February

K5VC	Jerry Garcia	2/15
KC8FF	Betty Scholz	2/18
KC8ZOE	Floyd Wimer	2/21
WA8SAJ	Jeffrey Covelli	2/22
N8IJG	William Wihebrink	2/29

### March

K8EHP	Michael Cegelski	3/2
K8HLJ	George Harizal	3/2
WA8NJP	Charles Whalen, Jr.	3/2
N8OOG	Jim Wimer	3/4
W8AZO	Marv Grossman	3/10
WA8VSJ	Arthur Lewis	3/11
W8KYD	Ronald Mayer	3/18
WB8PIY	Jeff Dettmer	3/19
W8WHO	Clifford Dice	3/29

*Birthdays are announced each week during the chapter's Wednesday night net at 8:00 p.m. on 146.850 pl 110.9. Join us! (Corrections to Jim Arcaro, WD8PFK; jgarcaro@juno.com)*

(Continued from page 1)

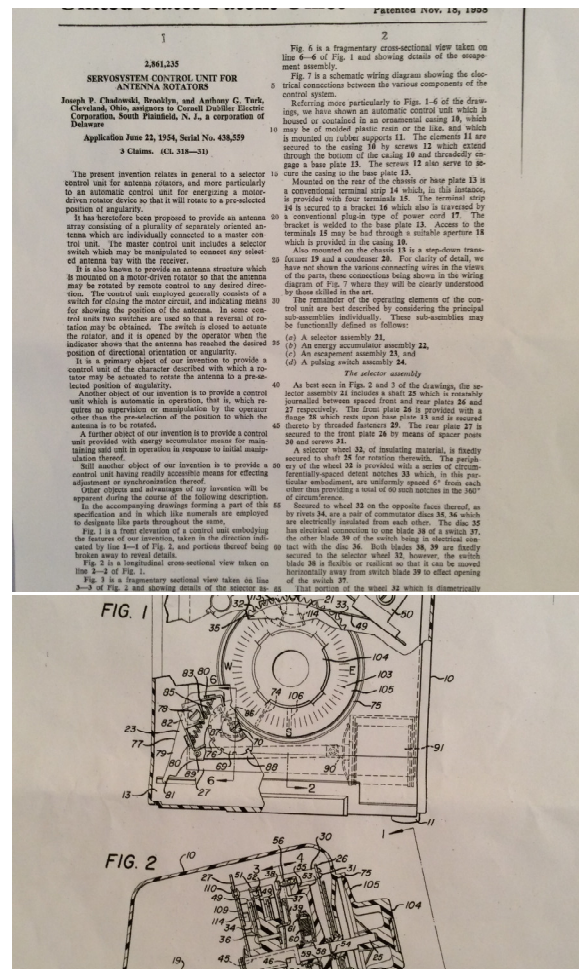
## Do You Remember?

take long to find the old control box for the AR-22 rotor. Bob bought this around 1960 to turn his Moseley TA-33 Jr. 3 element tri-band beam.

The AR-22 was designed mainly for TV antennas, but it could also rotate the fairly light weight yagi which was the smaller version of the full size TA-33.

Oldtimers recall the unique feature of Joe Chadowski's design –the click, click, click of the rotor box as the antenna rotor is turned to the compass point set by the big selector wheel that you see in the photo.

Here's a partial view of the 1954 patent, which is designated a ***Servosystem Control Unit for Antenna Rotators.***



# President's Perspective

By Bob Winston, W2THU

## Happy New Year-

I hope that you had an enjoyable holiday season with your family and friends. **Jeannie, KC8MNW** and I celebrated the traditions of both Hanukkah and Christmas as we enjoyed visits with our respective children and grandchildren. Our best wishes for a healthy and happy New Year to all of you!

Chapter 1 could not function without the help of those hams listed on page 2 of this Newsletter. Thanks to all of their efforts over the past year, especially our secretary/treasurer **Jim Arcaro, WD8PFK**, who keeps the records of our organization in fine order. The new dues structure requires keeping track of your age, how you receive this Newsletter and your email address.

## Revisiting Chapter 1 Badge Issue -

In a recent column I requested a member or friend of our chapter to take over badge making duties after the passing of W8WGO (SK). A volunteer recommended that we purchase a good quality badge maker and associated materials for approximately \$250.00. Your leadership questioned if we will have enough badge orders to justify the cost of the machine.

VP **Fred Freer, W8FSF** favors badges without a pin, preferring the magnetic type.

Few of you wear these bright yellow badges to our luncheons and even fewer ask to have one made. We need some guidance from you. Let me know if you would like a Chapter 1 badge, and if so, what style you prefer. (See page 2 for my contact information.). Thank you.

## QCWA QSO Party -

This information is for friends of our chapter. (Members read about the QSO party in the *QCWA Journal*.) The contest runs from 1300 ET on Saturday, 9 March to 1300 ET on Sunday, 10 March. The goal is to work as many hams as possible on all bands from 160 m to 2 m, not including the WARC bands or 60 m. You may operate voice, CW or any digital mode.

The exchange is as follows: Year first licensed,

your first name, your QCWA chapter number, or if you are not a QCWA member, your state or province or country.

Go to [www.qcwa.org/qso-party.htm](http://www.qcwa.org/qso-party.htm) for complete information. Let's make Chapter 1 competitive this March!



My first new car in 20 years! Where to put the rig?

## List of Parts Suppliers -

W8FSF would like to assemble a listing (small database) from our fellow members about their favorite sources for parts and equipment. He surmises that we all know of sources that perhaps others are not aware. (See page 2 for Fred Freer's contact information.)

## Dues Are Due -

Unless you are a life member of QCWA, check to see if you owe them any dues. You can save money by renewing for a 3 year term at only \$18.33 per annum. Several of you let your membership expire in 2018.

Read WD8PFK's column to figure out if you owe any dues to Chapter 1. Most of you will owe no dues under our new dues structure. You might even be entitled to a refund!

## Upcoming Luncheon-

Unlike last January's luncheon with its treacherous snowfall, the forecast for next week's meeting is mild and rainy. Please join us!

# The Signal-One CX-7

## First of the All-in-One Everything Dream SSB Rigs

By George Mistic, KE8RN



The Signal-One CX-7 transceiver was the first of the rigs that featured many built-in features like a keyer, broadband tuning, dual VFO's, digital readout, full break-in operation, and mostly solid state construction. The rig was announced in 1969 but was first advertised in QST in late 1970, as they would not accept ads for a product unless the manufacturer submits a product sample. The Signal-One had a retail price approaching a significant fraction of a new car; the radio was introduced at \$1695 and quickly went up to \$2195. The company eventually became a part of National Cash Register Company; it went on to other owners including Payne Radio which started as a ham radio dealership. I don't know the later history of the product and company too well, but I know they did update the product at one time and called it the CX-11. I do own an early CX-7 with a tube final and nixie tube digital readout; Barbara found it at a local Pittsburgh hamfest about ten to twelve years ago. After bringing it home and hooking it up, our first contact was 9A9AA in Belgrade, Yugoslavia. I cheated and had Barbara call him to cut through the pileup.

The final was a single 8121 tube made by RCA when they really were RCA; this was a conduction cooled version of the 8122 axial air cooled tetrode used in the National NCL-2000 linear, the NCX-1000 kilowatt transceiver, and the 2000 watt PEP Hallicrafters SR-2000 transceiver. The tube was physically connected to a large aluminum heat sink; this meant that the rig was quiet without a big blower for air cooling of the final tube. The rig ran about 400-600 watts PEP; a fairly large output for a barefoot transceiver. The AC power supply was also built in; they did not market any type of 12 volt power supply, as the rig was too big and power-hungry to use as a mobile rig. I worked at Pioneer-Standard Electronics on East 55<sup>th</sup> street along with Dana Henry, then WB8GUU, now W8DH; we sold this radio when it was new and actually sold a few of them. When the radio was announced, interest in it from a few serious hams was very high. It took the company over a year to get the first unit to us; the protracted announcement and release hurt their credibility a good bit. They were out years before the Collins KWM-380; the KWM-2 was the top Collins transceiver at the time and it had been out since 1959 and was old news at the time.

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## The Signal One CX-7

The rig covered 160-10 meters without WARC band coverage, as they were still in the future. The Signal One had two built-in VFOs so the unit could receive and transmit on two different frequencies; it used a digital frequency counter as a dial to indicate frequency to the nearest 100 Hz. The counter used Nixie tubes rather than LED readouts; later versions went to the more reliable LED counter displays. The rig had a versatile digital keyer built in. The only common station accessory that was not built into the unit was an antenna tuner; the rig is designed for a 50 ohm resonant antenna system. I am told that more than 1000 Signal Ones were built and sold; not a huge number, but an area well above Collins when it first came out. It is a very special radio to own and use.

## THE HAM RADIO PROMOTION PROJECT

I guess that November 1, 2018 might be as good a time as any to write this article.

In the early 2000's a few of us were talking at a "Friday Lunch Bunch" and one of the regulars, who's everyday job was in the promotion field, came up with the idea of the "Ham Radio Promotion Project."

The "project" was started by a couple of local radio clubs, The Indian Hills Radio Club, of Euclid Ohio and the Cleveland Chapter of the Quarter Century Wireless Association, hereafter referred to as QCWA.

The real spark plug was Dee Logan, WIHEO, who has "backed away" from amateur radio and Jack Goldfarb, W8WGO (SK), with a few others in ancillary roles.

Dee put together a program, complete with a "work book" and solicited radio clubs across the country to join, at one time 27 of them. Most made a donation to get the "Tool Kit" packet and a copy of the DVD that was produced by the Indian Hills Radio Club, QCWA and a friend of Dee's from the Detroit area, Frank Benesh, K8IFH.

A decision was made a few years ago to stop

selling the DVD and make it available on YouTube.

<https://www.youtube.com/watch?v=94gPxt0qAeA&feature=youtu.be>

This 15 minute video is the result of a major edit of the original 22 minute video, and is available for download. Some of the history is still "on line" at <http://neoham.org/>

As a side note, this URL can be made available to anyone that may want to use it. N. E. O. (North East Ohio) HAM is just too good a URL to let "disappear." I will be happy to answer any questions that I can about the "project."

Don Ritchie, K8ZGW ([dritchie@dr.com](mailto:dritchie@dr.com))

## AWARDS & GADGETS AT OUR FALL LUNCHEON



Attendees were treated to a description of the above items, some homebuilt, after the awards presentation. A complete list of the awardees will be published in the spring 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**

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