



Cleveland Chapter One **NEWSLETTER** Established 1951

Spring Quarter 2017

W8LYD 146.850 PL 110.9

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

Spring Luncheon is April 8th at *The Play Arcade and Kitchen* in Mayfield Heights

ALL YOU WANT TO KNOW ABOUT BROADCAST RADIO



Our **Saturday, April 8th** meeting will be hosted by our Chapter 1 member and well known radio personality and broadcast engineer, **Ted Alexander, W8IXY**.

If Ted's call letters remind you of a famous Cleveland radio station then don't be surprised when he shares memories of WIXY and other commercial radio stations in our area. Ted has extensive experience on both sides of the microphone from 500W AM stations all the way up to 50,000W clear channels. His expertise includes modern AM broadcast audio processing techniques.

Join us starting at 11:30 a.m. for our quarterly luncheon. **The Play Arcade and Kitchen is located at 5900 Mayfield Road in Mayfield Heights**. Eat off the lunch menu for about \$10.00. Door prizes, 50-50 raffle, music, and fellowship awaits! Please bring a friend! RSVP on the Wednesday night net or to w2thu@arrl.net ■

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Ralph Turner, W8HXC Receives 85th Anniversary Award



W8HXC is shown receiving the **QCWA 85th Anniversary Award** from Chapter 1 President, Bob Winston, W2THU. Clearly, you must have had a long career to earn this honor. Ralph, who will be 101 years old on 21 June, may be the oldest living member of QCWA, having membership number 3136. He joined QCWA in 1962 and was first licensed in 1932.

Please see RALPH TURNER page 3



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 Al Moriarty, N8CX; (216) 221-3682; <n8cx@mindspring.com>

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

Dues: \$10.00 per year.

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Chapter One Officers

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

Vice President: Al Moriarty, N8CX

Secretary: Al Moriarty, N8CX; (216) 221-3682 <n8cx@mindspring.com>

Treasurer: Jim Arcaro, WD8PFFK; PO Box 324, Wickliffe, OH 44092; (216) 337-2793 <jgarcaro@juno.com>

Operational Group

Membership: KE9UL

Net controls: N8ZT, KC8UIQ

QCWA Journal reporter: WB8N

License trustee: W8WGO

Awards chairman: W8WGO

Chief radio officer: K8QOT

Chapter musicians: WA8OZC, WB8ADF

Sunshine reporter: Dick Ingraham, WA8TPP, <reingraham@sbcglobal.net >

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



Please notify Secretary Al Moriarty of any changes in your address, e-mail etc. so your roster information can be kept current. Thanks.



Welcome back:

Dana Henry, W8DH and Diane Henry, WD8IMQ of Strongsville.

Be sure to check into our Wednesday night net at 8 PM on 146.85MHz, PL 110.9

All new members are announced on the net and then they are called by net control.

Sunshine:

Jack Goldfarb, W8WGO, is happy to be settled in his new home, recently purchased in Orange Village, where he expects to be back on the air after several months of inactivity. Jack, a staple on our weekly nets, should be checking in once again by the time you read this newsletter.

Dick Ingraham, WA8TPP, unfortunately fell and broke a small bone in his leg near the ankle. He is recovering at a nursing home while wearing an air boot and is very anxious to get home and resume his job as our sunshine reporter on our weekly nets. Hopefully, he will be back on the air by the time you get this newsletter.

Honored:

Ralph Turner, W8HXC, received the 85th Anniversary Award. Ralph is only the 8th QCWA member to be so honored. See story on page 1.

Recent Activities:

Joe Paluh, KB3LUE is happily keeping the VA amateur radio station at Wade Park on the air 5 days per week! Many thanks to Joe for honoring Chapter 1's commitment to the Cleveland VA Hospital and all of our veterans.

Ralph Turner

Continued from Page One

He is only the 8th recipient of this award!

Ralph was the Chairman of the Psychology Department at Oberlin College, where he co-authored a textbook on social psychology. He became interested in ham radio when he built a cat's whisker crystal radio while in the Boy Scouts.

W8HXC is a very active resident at Kendal of Oberlin, the famous retirement community near Cleveland. He is a life member of QCWA and Cleveland Chapter One.

(Thanks to Martin Davidoff, K2UBC and Marie Evans [seen standing behind W8HXC in the cover photo] for arranging the meeting at Kendal.)

TREASURER'S REPORT

Our balance stands at \$6,772.24. At the last meeting I announced the creation of a Facebook Group for our Chapter1.

If you are on Facebook, you should be able to find it by typing QCWA Cleveland Chapter 1 into the search bar.



Items of general radio interest will be posted there from time to time, as well as local meeting notices, etc.

Take a look if you are a Facebook user.

Jim, WD8PFK

OUR WINTER LUNCHEON

Chapter Treasurer, **Jim Arcaro, WD8PFK**, gave an excellent and thorough presentation on steam locomotives at the Play Restaurant in January. For a change, winter weather was not a factor because there was no snow on the ground. Thirty members and guests enjoyed the program, camaraderie, 50-50 raffle and many door prizes. Thank you Jim!



Jim Arcaro, WD8PFK lecturing on steam locomotives



Some of the 30 members and guests enjoying WD8PFK's presentation at the winter 2017 luncheon.

Sunshine Reports

Hear weekly updates on the Wednesday net by WA8TPP



Birthdays this Quarter

Happy Birthday to the following Chapter 1 members. Many happy returns and many, many more birthdays as well.

April

W8JH	Joe Hoffman	4/8
W8GR	Ray Lotenero	4/9
N8QE	Robert Hajdak	4/12
KC8FQV	Mark Studer	4/14
W8TAB	Thomas Bishop	4/22
W8MET	Metro Sinko	4/27

May

W1HEO	Dee Logan	5/3
N5JED	Charles Joseph	5/3
WA8TPP	Dick Ingraham	5/6
K8LPC	Larry Caskey	5/10
K8YSE	John Papay	5/15
AB8SB	Dave Parris	5/16
KC8UIQ	Robert Robertson	5/18
K8DBT	Donald Thomas	5/18
WA8YVF	George Ingmand	5/29

June

K8OCK	John Esborn	6/1
KE9UL	Joseph Nocifora	6/7
W8IMO	Robert Sull	6/14
W8LE	Byrness Haworth	6/15
W8BNT	Richard Petscher	6/20
W8FDN	Richard Scott	6/20
WI3U	Henry Schultz, Jr.	6/23

Is your birthday missing or wrong?

Then, let our secretary know.

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 Al Moriarty, N8CX—n8cx@arrl.net)

DWAINA MODOCK, K8ME, SK



It is with deep regret that we report the passing of Chapter One member, **K8ME**. **Dwaine** was well known in the Cleveland area as the organizer of the CARS Dayton bus trip. He was often seen at area hamfests checking QSL cards for DXCC.

In addition, he was one of the founders of the former ham radio station, K8ZOO, established at the Cleveland Rain Forest. You could always count on Dwaine, a frequent and generous volunteer, to get the project done.

K8ME was retired from General Motors, where he was active in the union.

Rest in Peace Dwaine

HAVE YOU PAID YOUR CHAPTER DUES?

Make your \$10.00 check payable to
"QCWA Cleveland Chapter 1"
 and mail to our treasurer:

Jim Arcaro, WD8PFK
PO Box 324

Wickliffe, OH 44092 THANK YOU!

**DON'T FORGET TO RENEW YOUR
 NATIONAL QCWA DUES AT
 WWW.QCWA.ORG**

President's Perspective

By Bob Winston, W2THU

Well, our Chapter 1 recently took a big leap into the social media age, when Jim Arcaro, WD8PFK, established a Facebook page this past November. Since most of us are “seniors” I suspect that you, like me, are not fully aware of Facebook’s reach. When it first came out in 2004, I had no interest. If it weren’t for my daughters, I would not even have a presence on this medium. After all, isn’t ham radio a social medium where you don’t need a billion dollar infrastructure to exchange messages, information and ideas?

Somehow, I became a Facebook member. (I think my youngest daughter signed me up and inserted a picture of me that I didn’t like.) Over the years, I added a photo that I did like and some minimal information about where I went to school. But, it never dawned on me that I could promote my business on Facebook. I thought it was just for chit chat between friends and family.

Then I started reading business ads in newspapers and magazines that said “Like us on Facebook.” Slowly, I became aware that even amateur radio clubs have a Facebook page. So, navigate over to QCWA Chapter 1’s Facebook page and like us. So far, we have 9 members. Let us know what you think.

Speaking of liking things, I liked the Orlando Hamcation enough last year that I went again this year. Once again, I spent time with our national QCWA organization both at their booth and at their forum. President **Ken Oelke**,

VE6AFO and Office Manager **Roberta Cohen, WA2FRW** were busy greeting attendees, signing up new members and renewing current members. I met some very interesting people at that booth!



When I pulled into the parking lot the first morning of Hamcation I parked near a young ham who was obviously working a satellite pass. Guess who he was talking to at that precise moment? It was Chapter 1 member **John Papay, K8YSE**, who was spending the winter in Arizona. Small world!

Another Chapter 1 member at Hamcation was **Gary Zimmet, WA8TJL** and his lovely **XYL, Janet** in their very impressive motor home. (Photo below)



Jeannie and I look forward to seeing you at the spring luncheon!

Best 73, Bob Winston W2THU

THE REGENCY HR-2, CLEGG FM-27 AND OTHER EARLY TWO METER RIGS

By George Mistic, KE8RN



Regency was a pioneer in solid state equipment, both for consumer electronics and ham radio items. They built the world's first commercial transistor radio, the model TR-1, in 1954, only six years after the transistor's invention at Bell Telephone Laboratories. In 1956, they announced the first item of solid state ham radio equipment, the AR-1 mobile converter. At the time, essentially all phone ham radio operation was on AM, so a normal automobile radio with a ham band converter was a suitable ham radio receiver for AM phone reception.

Their next item of ham gear was the wildly popular model HR-2 two meter FM transmitter-receiver designed primarily for mobile operation. The unit was crystal controlled only on both transmit and receive, all solid state, and quite small. When it came out, most hams on two meter FM were using lightly modified commercial two-way high band equipment from Motorola, GE, RCA, Link, and others.

The first rig made for ham radio two meter FM was the Clegg 22er FM, a version of the AM radio, the original Clegg 22er home and mobile rig. It had a tunable receiver and a crystal controlled transmitter running about 20 watts input to a single 2E26 final amplifier tube. The HR-2 used a crystal controlled receiver, much more suitable for channelized repeater operation. It was much smaller, but had almost the same power level as the Clegg rig. It was a very popular radio; we sold them at Pioneer-Standard Electronics at East 55th Street and Prospect Avenue in Cleveland; I sold dozens of them. They were much easier to use mobile than the Clegg 22er FM or old converted commercial two-way radio gear. A car equipped with a simple ¼ wave whip antenna 19 inches long, or a gain antenna like the Newtronics BBLT-144 5/8 wave vertical and the Regency HR-2 was able to operate well with all local repeaters and the HR-2 was quite easy on the automobile's 12-volt electrical system, drawing 800 mA on receive at high volume and about 3 amps on transmit in the high power position. The HR-2 and the related models like the HR-2B and the base station HR-212 were all crystal controlled, requiring a pair of custom-made crystals for each channel desired.

The Clegg FM-27 that quickly advanced to the very popular model FM-27B was the next major step in two meter FM radios. There were many "me, too" radios that followed the Regency HR-2 that were crystal controlled and needed a pair of crystals for each channel or repeater desired. The groundbreaking Clegg FM-27B had a ten position switch and a 300+ degree potentiometer. The switch selected the 100 KHz steps; there is a separate control for the receiver and the transmitter. Each has a continuous control that moves the frequency within the 100 KHz step to allow the operator to set the exact desired frequency, like 146.52 MHz. *Please see REGENCY HR-2 on page 7*

REGENCY HR-2

Continued from Page 6

. The Clegg FM-27B needed no crystals to reach any frequency between 146.00 and 148.00 MHz; a toggle switch set 146-147 MHz or 147-148 MHz, the ten position switches for transmit and receive [2 switches] and a continuous control for each to move within each 100 KHz step to tune to the each 10 KHz point needed. I added an external touch-tone pad to my Clegg FM-27B so I could make telephone calls via a repeater with an autopatch available like the 146.16/146.76 repeater had at the time. In 1974, a mobile telephone was a rare luxury. At the time, there were endless discussions about whether you could order a pizza using an autopatch call with a two-meter radio; it was definitely a profit-making endeavor for the pizza shop, but not for the ham radio operator.

The FM-27B did not have a built-in sub-audible tone encoder, which limits its utility today, but I have designed a sub-audible tone generator that is built into the microphone of my Clegg FM-27B to make it usable with many repeaters today. I have set it up to work with the QCWA Chapter One repeater and the Pittsburgh North Hills Amateur Radio repeater. The details of the subaudible tone generator design I did will appear in a future issue of Electric Radio Magazine.



The Clegg-27B 2 meter transceiver that the author still uses today with his homebrew sub-audible tone generator.

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 and the camaraderie is even better. Come join us!

Ham Radio Services:

Equipment sold or purchased: If you want to dispose of old radio equipment that you no longer want, KE8RN offers to either purchase it or sell it for you on eBay. Excellent eBay reputation with 15 years experience. Call George Mistic on 412-486-8566 or email him at KE8RN@comcast.net.

FOR SALE

The following items are brand new. They have never been used or powered up. All in their original boxes.

Elecraft KX-1 kit with paddle. New \$369. Asking \$325.

Flex-1500 Software Defined Radio. New \$649. asking \$550.

Contact Bob Winston, W2THU: w2thu@arrl.net or 216-924-3314.

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CLASSIFIED ADS ARE FREE TO ALL QCWA CHAPTER 1 MEMBERS.