



# Cleveland Chapter One **NEWSLETTER** Established 1951

Spring Quarter 2016

W8LYD 146.850 PL 110.9

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

## Spring Luncheon is April 9th at *The Play Arcade and Kitchen* in Mayfield Heights

### MAJOR ADVANCES IN HAM RADIO TECHNOLOGY AFTER WWII



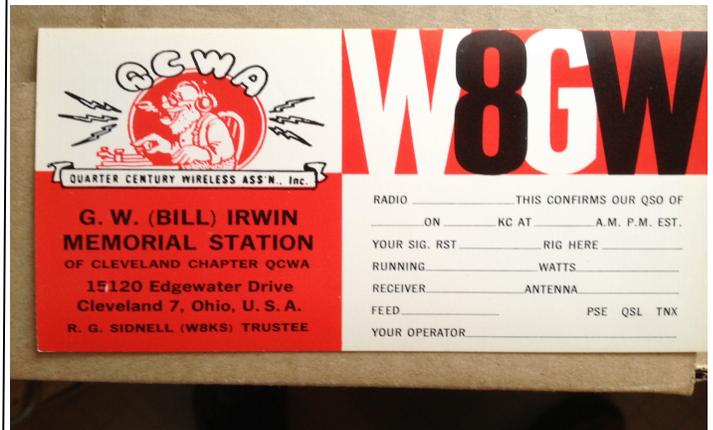
On **Saturday, April 9th** our own **George Mistic, KE8RN**, will add to our technical knowledge when he will discuss major advances in ham radio technology following World War II. The significant points are the invention of the low band transceiver, the ability to transceiver for transmitters and receivers, the move to smaller and lighter equipment and eventually to solid state rigs.

Join us for this fascinating technical history of the hardware in our hobby. The quarterly luncheon begins at 11:30 A.M. and will be held at **The Play Arcade and Kitchen 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! ■

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### QCWA Chapter 1 History

This QSL card belongs to Jack Goldfarb, W8WGO, who explained that we used to have a memorial station honoring **Bill Irwin, W8GW**. Jack didn't know Bill, but he does remember W8KS, the license trustee, who was a manufacturer's rep living in Lakewood.

### FINAL DUES NOTICE

Mail your \$10.00 check, payable to **QCWA Cleveland Chapter 1**, to our treasurer:

**Dave Foran, WB8APD**  
5439 Nan Linn Drive  
Willoughby, Ohio 44094-4365



## 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:** Robert M. Winston, W2THU

**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:** Dave Foran, WB8APD; 5439 Nan Linn Drive, Willoughby, OH 44094; (440) 942-0618 <wb8apd@hamnet.org>

### 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.*

## PEOPLE

### New Member:

**Thomas Miller, W1PDI**, of Bay Village was announced as our newest member on the Wednesday night net. Welcome to QCWA Chapter One!

### Sunshine:

**David Dennis, W8DDD**, is recovering from hip surgery at home in Highland Heights.

**Ken Kling, K8YLY**, is recovering from shoulder surgery, also at home in Euclid.

### Recent Activities:

**Mark Studer, KC8FQV**, is enjoying ham radio TV video shows on the internet such as Ham Radio Now, Ham Nation Weekly, & Wireless Institute of Australia Weekly. Mark suggests that you read our newsletter on line and make the text larger for easy reading.

**Jeff Covelli, WA8SAJ**, says that after getting the Swan 140 from John Linton, W8DKI, (see previous newsletter for Jeff's FB article), Jeff is now on a swan kick, having acquired the Swan twins, 600T transmitter and 600R receiver. Jeff is also featured on the cover of the latest Electric Radio magazine, to which he is a frequent contributor.

**Bob Winston, W2THU** & Jeannie St. Marie, KC8MNW recently returned from a month in Florida where Bob was very active on HF with an indoor 40m dipole.

### Deaths:

Longtime member, **Joe Gutoskey, Jr., W8DOE**, passed away on 24 February 2016. See page 3.

**Send your news for the People column to the editor: w2thu@arrl.net**

**MESSAGE FROM OUR SECRETARY**

www.clipartof.com · 437770

Hi everyone.

Well, I guess it's safe to say "welcome to spring." Even after a "super-mild" winter, it's good to see the warmer weather at hand. There is a slight prediction of snow for the Indians' home opener though. If I heard correctly, the "new" scoreboard came with a price tag of \$20 million!!

With the warmer weather at hand, it's time to start thinking about warm weather outdoor ham activities. Chapter 1 meeting's this month, April 9th, and again July 9th. and Field Day June 25th and 26th will all be here and gone before we know it. So, let's make a point to get outdoors with our radio clubs, friends and families so that we can say that we actually did something over the summer.

There are many club picnics and on-the-air activities that lend themselves to the outdoors. There is much to do so please participate in whatever activities you can.

Have FUN!!! This spring and summer.

Cu es vy best 73s to u es urs.

**Al, N8CX, VP/Secretary**

**TREASURER'S REPORT**

Our able treasurer, **Dave Foran, WB8APD** reports that we have \$ MONEY in the chapter bank account. Dues checks will be accepted at the upcoming luncheon.

**In Loving Memory**

**Joseph Gutoskey W8DOE**

March 24, 1923-February 24, 2016

Joe (W8DOE), and I met on the air in 1965, when I received my Tech license with 5 WPM code on 6-meters A.M. Joe helped convince me to get on SSB and then he and about 20 of us hung out on 6-meters SSB on 50.120 MHz in the late 60's from 7 PM to 11 PM almost every night or at least 3 to 4 times a week. Joe helped many folks including me on building techniques and doing it correctly and not having to do the job over again, which I still do today, why do it over again he always said! Joe was a great ELMER to me and I cherish every time I worked with Joe and later in my ham career I was able to help him when he got stuck on a problem. I later took him to many hamfests that required long driving he could not do and I really enjoyed being able to do that for Joe. In the 1980's Joe and I got on Fast Scan TV, along with about 25 of us in the Cleveland area and almost every night again all of us were sending video on 439.25 MHz (Cable CH-60) just like in the late 60's on 6-meters, but now with live color pictures and sound! All I can say is Joe was an inspiration to me very much and I will miss him very much. Thank you Joe for everything I'm doing today!

Your Friend, Jeff / WA8SAJ



## *Birthdays this Quarter*

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

(Compiled by Al Moriarty, N8CX)

### 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

WIHEO	Devere 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
K8ME	Dwayne Modock	6/16
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)*

## HEARD ON OUR CHAPTER NET



*In addition to answering trivia questions, our nets feature interesting discussion questions.*

A ham petitioned the FCC to issue lifetime licenses. We discussed the merits on 24 February. **Dick, WA8TPP** agreed, saying it works for commercial FCC licensees and some hams forget to renew. **Gary, N18Z** said 10 years is long enough. If you don't renew you are probably out of the hobby. **Craig, N8ZT** thought it was a good idea but how do you purge the silent keys?

On 13 January we answered the question: Did old tube radios have better audio than modern semiconductor rigs? **Al, WA8OZC** said that tubes always sound better because they don't fluctuate like solid state. **Bob, W2THU** insisted that his all tube Swan 350 has much better audio than his Icom IC-7000. **Ken, K8YLY** described tube audio as richer, while **Greg, N9AGC** called it warmer.

A non ham related topic was tossed around on 20 January: How does heavy snowfall affect you? **Joe, KE9UL** said he doesn't like to see it as much as he gets older. He still shovels lightly but pays for a snowplow. **John, W8VRJ**, finds that as he gets older it has a greater adverse impact on him because it limits people who try to visit him and prevents him from going out to lunch, resulting in cabin fever. **Ray, N8EQT** used to plow his 800 foot driveway, but now hires a guy who doesn't do as good a job as he did. **Dick, W8FDN**, said the snow doesn't bother him too much. Although it's slowed him down, he does indoor activities. He snowplowed and shoveled for 44 years, but now contracts it out. "We accept living up here and it's not too bad after all."

*Why not add your 2 cents worth by checking into our weekly chapter net every Wednesday evening at 8:00 pm on 146.85*

# President's Perspective

By Bob Winston, W2THU

I am writing this column from sunny Florida, as they like to say down here. No, we are not snow birds, just visiting some friends in Stuart, which is on the Atlantic coast about 30 miles north of Palm Beach.

In a previous issue I wrote about maintaining your QCWA national membership. I hope that those of you who let your membership lapse have now caught up on your dues. If you need another incentive, please note that there is a contest in the monthly QCWA *Journal* where you look for a secret phrase and simply email the page number to QCWA headquarters for a chance to win a nice prize. Last month there were two winners of the ARRL Handbook. In case you forgot, if you are not a member, you can't access the *Journal*, so you have no chance to win the prize.

I checked off a bucket list item by attending the Orlando Hamcation in February. This is the second largest hamfest in the United States and it lived up to my expectations. The QCWA forum was hosted by our president Ken Oelke, VE6AFO from Calgary, Alberta. Ken brought us up to date on the latest national happenings. Also present was our General Manager, Tom Loughney, AJ4XM of West Palm Beach. Ironically, shortly thereafter, Tom submitted his resignation and this position is now open. Once again, it is the only paid position in QCWA and it may be something that you would like to do. Check out QCWA.ORG for more information.



QCWA PRESIDENT, KEN OELKE, VE6AFO AT THE ORLANDO HAMCATION



LOTS OF TUBES AT STUART HAMFEST

While at Hamcation I met fellow Chapter 1 member, **John Papay, K8YSE**, of North Royalton, who was demonstrating amateur radio satellite. John was set up outside, tracking the birds and making lots of contacts both stateside and DX.

Coincidentally, while in Florida, the local club sponsored the Stuart Hamfest last week, so Jeannie, KC8MNW, and I stopped by with Kelby (our standard poodle) to meet the local hams. They put on a nice event at the Martin County Fairgrounds, with a unique twist. Their hamfest is free. Admission, tailgating and parking were all gratis. So, how do they do it?

They sell raffle tickets for 3 great top prizes. If my behavior was typical ( I spent \$20.00 for 7 raffle tickets, when normally I would have paid about \$5.00 to attend the usual small hamfest), then you can see how they generate more income than by charging admission. I guess it works, because they have been doing it for 40 years! By the way, the 3 top prizes were the Yaesu FT-DX1200 HF transceiver, the FT-7900 dual band transceiver and the FT-60 dual band HT.

No, I didn't win, but I got to eyeball with my old friend and former LEARA trustee, Dick Myers, K8RM, of Orange, who is snowbirding nearby. I also met a local ham, Eric Boyd, W4ELB, who grew up in Chardon.

We look forward to seeing you at the spring luncheon on Saturday.

Best 73, Bob Winston W2THU

## The RME Model 4300, 4350 AND 4350A

### by George J. Mistic, KE8RN

#### The RME model 4300, 4350, and 4350A ham band only receivers from the 1950's

The RME 4350 was a popular double conversion ham radio only superhetrodyne from the late 1950's.



It is the new version of the single conversion 4300 receiver that came out in the mid 1950's. Neither receiver was well equipped to handle SSB as neither version had a built-in product detector; RME sold a separate SSB receiving accessory that had a product detector and AGC for SSB and CW, the model 4301 SSB adapter. The accessory was about the size of the matching speaker but a lot more expensive.

The RME 4350 and 4350A covered 160, 80, 40, 20, 15, 11, and 10 meters with no six meter coverage, as many of the competing receivers did have. The RME 4300 and 4350 did cover 160 meters which much of its competition did not. The 4350A had a first IF of 2195 KHz and a second IF using the common 455 KHz; the earlier 4300 had only the 455 KHz IF. It used common 7 and 9 pin miniature tube and a small octal rectifier tube, a 5Y3GT. The 4300 used eight tubes, a 6CB6 RF amplifier, a 6U8 mixer and tunable oscillator, a 6CB6 first F amplifier, a 6U8 second IF amplifier and BFO, a 6T8 diode detector, ANL, and audio voltage amplifier, and a 6AQ5 audio output amplifier, plus an 0A2 voltage regulator tube and the previously mentioned 5Y3GT power supply rectifier. The 4350A used mostly the same tube lineup plus an extra 6U8 second mixer and second conversion oscillator; a third 6CB6 was added in the crystal calibrator in the later models. Circuitry was fairly conventional with no unusual quirks as I recall. It did not regulate the filament current of the oscillator or mixer tubes as was sometimes done on other receivers, especially those made by National.

The RME 4350A came out about 1957, about two years after the original 4350 debuted. There were two versions of the 4350; the early model did not have a built-in 100 KHz crystal calibrator. The later version of the receiver, introduced in 1958 and made through 1959 and called the model 4350A, did have a built-in 100 KHz calibrator but it cost an additional \$1520.00, about the cost of the plug-in calibrator accessory for the 4300 and the early version of the 4350A. The 4300, 4350, and 4350A were not very heavy or large receivers when compared to radios like the 70 pound Hallicrafters SX-101; they weighed between 28 and 32 pounds and were 16.5 inches wide, 10 inches high, and 10 inches deep. They were not quite as trim and light as the Collin S-Line receivers, but not the desk crusher that the Hallicrafters SX-101 was.

The RME 4350A was followed by the model 6900; it was a very nice and attractive receiver designed for SSB use as well as AM and CW. RME failed to thrive at this point, a bit before Hallicrafters, Hammarlund, and National ran into problems, and largely for the same reasons. RME did not learn the smaller and lighter lesson from Collins like Heathkit, Drake and the Japanese did well enough to thrive in the late 1960's and later; the 6900 was too large and heavy at 35 pounds and 17 inches wide, 9.75 inches high, and 12.125 inches deep. RME did not make a transmitter that would transceiver with any of their receivers. The RME receivers did not transceive with anything, an increasingly fatal flaw. RME apparently offered one receiver after the 6900 known as the 6902; it did not sell well at all, and is little known. I have never seen one and don't know anyone who has. There were no more products from RME after the 6902 and the 6900 was the last well known receiver they made. I have a 6900 I bought many years ago; it is a nice receiver that receives SSB very well.

**Please reserve and pay for your 2016 Dayton Hamvention Bus Trip ASAP.**

Saturday May 21, 2016 CARS is again sponsoring a Bus trip to the Dayton Hamvention.

Every amateur radio operator in the world probably dreams about going to the Dayton Hamvention at least once. Please join us in 2016, it is an incredible event and offers something for everyone.



The Bus trip will cost \$50.00 dollars per person, we will not stop for breakfast on the way down, but there may be a fast food stop on the way home. You are responsible for both your food and Hamvention tickets. Go to <http://www.hamvention.org/tickets.php> to order your tickets.

**Stop 1:** The 56 passenger bus will leave promptly at 5:00 am from the Kmart parking lot at the intersection of Engle and Bagley Roads, in Middleburg Heights, Engle Road is a 1/4 mile west of I-71, Kmart is behind the Gas station. Vehicles will be safe, there is security.

**Stop 2:** The bus will also pickup riders at I-71 & Rt 303 at the SE corner of the Kmart parking lot and will depart for Dayton at approximately 5:30 am. **When ordering tickets please tell us which stop you will be at.**

**Bus tickets must be purchased and paid for in advance.**

If you have any questions please see Dwaine at a CARS meeting or call him at 440-582-3462. Checks must be made out to CARS and mailed to: Dwaine Modock K8ME, 8113 Thornhurst Dr., North Royalton, OH 44133 attn. Dayton bus

73, Dwaine, K8ME

### **A LITTLE HUMOR ?**

If a clock is hungry does it go back four seconds?  
The man who fell into an upholstery machine is fully recovered.

You feel stuck with your debt if you can't budget.  
A lot of money is tainted. It t'aint yours and it t'aint mine.

A boiled egg in the morning is hard to beat.  
He had a photographic memory that was never developed.

Shotgun wedding. A case of wife or death.  
Time flies like an arrow. Fruit flies like a banana.  
Without geometry, life is pointless.

When you dream in color, it's a pigment of your imagination.

He often broke into song because he couldn't find the key.

When she told me I was average, she was just being mean.

**Cash For Clunkers**—Seen on a Laundromat bulletin board: "For Sale-Car. Must be Towed. Gets great gas mileage."

### ***ARE YOU A MEMBER IN GOOD STANDING OF CHAPTER 1?***

Well, if you have paid your dues for the current year the answer is probably yes. Most members pay by check, so review your check register or look at your bank account on line. If you pay by cash at the quarterly luncheons, this method won't work for you.

However, an easy way to see if the treasurer and secretary have you down as paid up is to look at the mailing label on this newsletter. The two digit number tells you the last year you were paid in full. Your label should say 16 for 2016. That is good. If you are aged 90 or older, your label says either L (life) or 90, which means that you are no longer required to pay chapter dues.

If you are receiving this newsletter via email attachment or notice, that does not necessarily mean you are paid up, because the email list has not been brought up to date. We regret if this has caused any confusion.

Our secretary, **Al Moriarty, N8CX** is diligently revising the email list now.

### ***CHAPTER 1 MEMORIES***

The following excerpt is from an old newsletter. Does anybody know these former members? Let us know.

*Following Mr. Fehl's talk, we will announce the winner of the Greater Cleveland Amateur-of-the-Year Award. This award is open to all hams within a 50 miles radius of the center of Cleveland who are dedicated to public service through amateur radio. Entries may be mailed to Max Bauer, W8ALI, 6805 Mayfield Road, Mayfield Heights, Ohio 44124. Deadline is February 10th. The recipient will then be QCWA's nominee for the Annual Amateur-of-the-Year Award to be presented at the Hamvention in Dayton.*

*George Lister, W8NV, who recently received his QCWA Golden Anniversary Certificate, was the key speaker at the QCWA fall dinner meeting. George revived many memories of Euclid Beach Park, where his innovations, as communications chief, put life and sound into countless park attractions, drawing thousands of visitors from all over the country.*