



Cleveland Chapter One **NEWSLETTER**

Established 1951

Summer Quarter 2015

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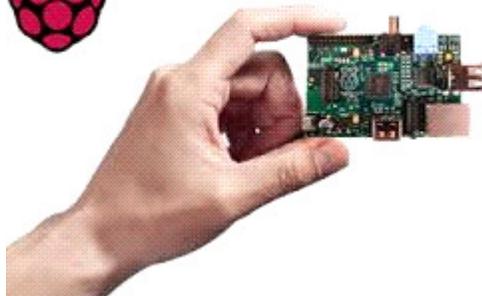
<http://qcwa-cleveland-1.org>

Summer Luncheon is July 11th at *The Play Arcade and Kitchen* in Mayfield Heights

IT'S ALL THE RAGE IN HAM RADIO
NOW FIND OUT MORE ABOUT



Raspberry Pi™



Our **Saturday, July 11th** meeting will feature **Jeff Kopcak, K8JTK**, who is our local expert on this fascinating device. Jeff is a Technical Specialist in the ARRL and he publishes the *Dongle Bits* column in the LEARA newsletter.

This will be an introductory look at the Raspberry Pi focusing on the idea behind the device and how it became so popular. We'll learn about the components available on the circuit board and have a quick tour of the operating system.

Join us starting at 11:30 a.m. for our quarterly luncheon. **The Play Arcade and Kitchen is the old Boneyard where we used to meet, 5900 Mayfield Road in Mayfield Heights, Ohio.** Eat off the lunch menu for about \$10.00. Door prizes, 50-50 raffle, music, and fellowship awaits! Please bring a friend! ■

In This Issue

2. People
3. Secretary & Treasurer's Reports
3. Missing Awardees
4. Birthdays
4. Heard on the Net
5. President's Perspective
6. Gonset G-76
7. For Sale

Our Spring Luncheon



Chapter 1 wishes to thank **Eddie Stevens, KD8FTS**, for his informative lecture on Advanced and Portable Communication. at the April 2015 meeting.

DIRECTIONS TO LUNCHEON

Exit I-271 at Mayfield Road (US 322) Westbound. Travel about 1 mile to Lander Road. Drive past Lander Road and the restaurant will be on your left after Staples. Enter through front door!



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 Members:

QCWA Chapter 1 welcomes:

George Pindroh, K8KR

Alvin Singer, N8QGT

Recent Activities:

Jeff Covelli, WA8SAJ, spoke at the Dayton Hamvention at the Drake Forum and about Kenwood hybrid radio history. He is also checking out the new Italian Elad FDM-Duo 5 watt all mode transceiver.

George Pindroh, K8KR, was anxious to go to Dayton this year on the CARS bus. (Maybe George will tell us how it went at our summer luncheon, Ed.)

Sunshine:

Bob Roberts, KC8UIQ is recovering from a difficult and painful illness but was an outstanding net control operator on 1 July!

Deaths:

W8PJN, George W. Cox, SK

Long time QCWA member, George Cox passed away on 21 June at the age of 96.

George was a WWII Navy veteran. He will be missed. Our condolences go out to his family.



Phyllis Pracker, XYL of QCWA Chapter 1 chief radio officer James Pracker, K8QOT, passed away on 9 April 2015. Please extend your condolences to Jim and his family.



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**MESSAGE FROM
OUR SECRETARY**

Hi everyone,
Welcome to the
“middle of summer.”

Here it is July 4th already and it seems as if just a couple of weeks ago it was Memorial Day. How quickly will Labor Day and the end of summer be upon us ???

Enjoy the outdoors now and get out to as many radio club and other picnics as possible!!!

I hope Field Day went well for everybody. Our club, NOARS (Northern Ohio Amateur Radio Service) was a complete washout and flood out. We had to cancel early Saturday morning. Some members operated as 1D and 1E stations from home so as not to waste the weekend.

Well, see you again at the summer meeting. In the meantime
“the vy vy best 73 to u es urs.”

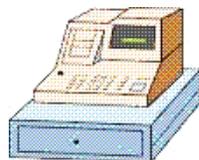
Al, N8CX, VP/Secretary

TREASURER’S REPORT

Greetings!

Marty and I are visiting our son’s family in Philadelphia, so we will miss you at the summer luncheon. Our chapter bank balance is \$xxxx.78. Enjoy the meeting!

de Dave Foran, WB8APD



**ANNIVERSARY AWARDS
LOOKING FOR THEIR OWNERS**



W2THU presenting Cliff Bade, W8CJB with his 50 year anniversary award in Boynton Beach, Florida

Cliff wasn’t able to attend our awards luncheon last October, so Chapter 1 president, Bob Winston brought the well earned certificate to W8CJB’s QTH in January while escaping winter weather in northeast Ohio.

If you never picked up your award at our October 2014 luncheon, then send an email to w2thu@arrl.net to arrange delivery. The following members have not received their certificates:

- Kenneth Kling, W8VZT—55 years**
- James Pracker, K8QOT—55 years**
- Mike Cegelski, K8EHP—55 years**
- Donald Sealy, W8QKO—60 years**
- Richard Scott, W8FDN—60 years**
- Frederick S. Freer III, W8FSF—50 years**
- George Misic, KE8RN—50 years**

Just to be clear, Bob won’t be coming to your QTH unless, like Cliff, you live within one mile of his sister or you are good DX.



Birthdays this Quarter

July

W8PT	Chuck Patellis	7/4
K8SGM	George Keltner	7/4
N9AGC	Greg Smith	7/7
KO8C	Dan Dillon	7/11
N8AUC	Eric Jessen	7/21
W8ANJ	Steve Molnar	7/25
WA8OZC	Al Lada	7/25
W2THU	Robert Winston	7/28
WA8TJL	Gary Zimmet	7/28
WB8ADF	Jerry Dusa	7/29
NW8X	Richard Williams	7/30

August

N8CX	Alan Moriarty	8/5
W8AR	Walter Robinson	8/7
W8WHO	Clifford Dice	8/8
K8ZGW	Don Ritchie	8/10
KC9IQF	Kate Saccany	8/12
W8GVE	Howard Reichle	8/14
WD8AQH	Nadya Cole	8/15
KE8GA	George Vilican	8/17
WB8N	Thomas Wayne	8/17
NV8L	Sam Wolfe	8/20
AA8BV	Robert Mate, Sr.	8/22
KD8IE	Kevin Ritchie	8/24
K8SHJ	Carl Lewis	8/28
W8FSF	Fred Freer	8/30

September

W8WNA	Kirk Sanderson	9/6
KB3MPF	Barbara Mistic	9/12
N8EQT	Ray Suing	9/16
K8LXH	Harry Winfield	9/21

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@mindspring.com)

HEARD ON OUR CHAPTER NET



Instead of trying to answer a trivia question, our nets feature discussion questions.

We talked about our vintage gear on 9 April. **Gary, WA8TJL** owns a Johnson Matchbox to feed his Mosley Classic 33. **Dick, WA8TPP** has an NC-98 and HQ140. **Ken, K8YLY** is the proud owner of an SX-24 that belonged to his dad, while **John, W8VRJ** gave his SX-70 to his son **George, KE8RN**.

On 20 May we discussed our QSL collection. **Dick, W8FDN** said after 65 years as a ham he has thousands. **Jack, K8IIU** said that he stopped counting long ago. **Dick, WA8TPP** believes he has 400-500. **Joe, KE9UL** has about 70 or 80. **Jack, W8WGO** has 400– to 500 going back to 1941. The one he cherishes is when his brother Marvin was in Germany during the Korean War—a MARS QSL card. On the low end, **Ray, N8EQT** has 2 or 3.

Is QCWA still relevant was discussed on 17 June. **Ray, N8EQT** said yes because we run the VA Hospital station. **Gary, WA8TJL** enjoys to reflect back and note the impact our hobby has had on our careers. He also enjoys the fellowship and sharing similar experiences. **Ken, K8YLY** enjoys the local chapter meetings and net and the recognition of being in the hobby for so many years.

Why not add your 2 cents worth by checking into our weekly chapter net every Wednesday evening at 8:00 pm on our own 146.85 repeater. All you need is a PL tone of 110.9 Hz.

President's Perspective

By Bob Winston, W2THU

As usual, Jeannie and I attended the Dayton Hamvention this past May. I made sure to visit the QCWA booth where I met our new national treasurer **Charles Tropp, N2SO**. I remember reading Charle's bio when he came on board not long ago and found so many things that we had in common that I immediately called him on the landline to chat. So, meeting him in person was certainly a pleasure and you can be sure that our national finances are in good shape.

I also attended the QCWA Forum which is always very informative. They featured the QCWA scholarship program where we met several young hams who received scholarship money from our national organization. These funds are administered by the Foundation for Amateur Radio (FAR), which decides which applicants receive scholarships and the amount of their award. The FAR committee was represented by **Dave Prestel, W8AJR** who is well known to local hams as a former resident of Chagrin Falls and an active LEARA member. It was good to see Dave again.

Carol Perry, WB2MGP was also a guest because of her well known and tireless efforts to teach ham radio to school children in an intermediate school on Staten Island. I had a nice chat with Carol and discovered we lived a few miles apart when I was a resident of that New York City borough in the 1970s. I came away from the forum knowing

that QCWA was doing a fine job assisting these young amateur radio operators in their higher education goals. Many are majoring in science and engineering. Of the 67 scholarships awarded by FAR, 36 of them, totaling \$75,000 are from QCWA.

On the local front, our net ended up on the 147.015 repeater a few weeks ago. I mention this as a reminder that if you don't hear us on 146.85 always listen on 147.015, which is our back up. This high profile repeater does an excellent job of hearing some of the weaker signals.

There are two reasons we are moving the luncheon back to the east side. First, we always intended to return to the *Boneyard*, now known as *Play Arcade and Kitchen*, after renovations. Second, shortly before this newsletter went to press, I learned from **Al Lada, WA8OZC**, that Mimi's went out of business (thanks Al!).

Don't miss K8JTK's wonderful program this Saturday.

Best 73, Bob Winston W2THU



Former area resident Dave Prestel, W8AJR, a member of the FAR committee, spoke at the Hamvention QCWA Forum.

THE GONSET G-76

-A Review by George Mistic, KE8RN

The Gonset G-76 is a unique piece of equipment; it is an AM-CW [not SSB] transceiver covering 80 to 6 meters. It came out in 1960, three years after Collins introduced the first true SSB-CW transceiver, the historic KWM-1. The Gonset G-76 is



not a true transceiver, in that it does not transmit and receive on the same frequency unless the operator puts the internal VFO on the same frequency manually. The internal VFO does not work on six meters; six operation is only crystal controlled transmission. Except for six meter coverage, the G-76 is essentially a G66 receiver and G-77 transmitter in a single box. The concept of putting a

receiver and transmitter for 80 to 10 meters in a single box small enough to use mobile was a fairly new idea.

The Gonset G-76 uses a 6DQ5 color TV horizontal sweep tube as the final amplifier. It is a tribute to the versatility of vacuum tubes, or hollow state technology as they are sometimes known that the 6DQ5 was made by RCA to operate at 15.75 KHz in their first color television sets starting in 1953. It works quite well in the G-76 [and the Hallicrafters HT-40 AM-CW transmitter] at up to 54 MHz. The rig runs 100 watts on CW and 80 watts on AM for a good bit more power than rigs using a single 6146 true RF transmitting tube. Swan used the 6DQ5 in their single band transceivers for 75, 40, and 20 meters and their tri-band model 240 covering 75, 40, and 20 meters and rated them at 180 or 240 watts PEP.

The Gonset G-76 does not have any built-in power supplies; they offered an AC power supply and speaker combination in a cabinet the same size as the G-76. They also offered a separate solid state 12 VDC power supply for mobile; it was in a utility enclosure for mounting in a concealed location and was solid state, using transistors to make AC to produce the required high voltage. No vibrator is used as was used in the DC power supplies for the earlier Gonset G-66 and G-66B mobile receiver and G-77 mobile transmitter.

The G-76 has high-level plate modulation on AM using a pair of 6DQ6 black and white TV horizontal sweep tubes. These are located inside the transceiver, not in the separate power supply, like was done with the six meter Clegg Thor. The earlier Gonset G-77 AM-CW mobile transmitter used the somewhat smaller, lighter duty 6BQ6 tubes introduced for use in black and white television as horizontal sweep tubes.

The Gonset G-76 has a quite nice receiver, but it is designed for AM and not SSB or CW; it works fairly well on SSB and CW but does not have a product detector or AGC on SSB or CW. If it had been brought out earlier, I think the G-76 would have been even more popular. SSB was starting to catch on when it was first marketed; I am sure the lack of SSB capability was a limiting factor. (continued on page 7)

THE GONSET G-76 (continued)

- Gonset developed an SSB-CW transceiver about the same time they brought out the G-76; it was not as popular as the SSB-CW rigs from Collins, Drake, and others. I know of
- no other AM low band transceivers other than a few efforts that went nowhere from Hallicrafters that were just a
- receiver and transmitter in a single enclosure. Multi-Elmac, Morrow, Heathkit, and earlier, Gonset made
- separate transmitters and receivers aimed at mobile and to some extent, home stations, but no one else offered an AM transceiver for 80-10 meters.

Join the Friday Lunch Bunch
 QCWA Chapter One members and other radio hams gather for lunch Friday at 1100 in Wiloughby. The place? The Manhattan Deli, 34601 Ridge Road. (That's in the Pine Ridge Plaza next to Heinen's, just west of SR-91. Join us!

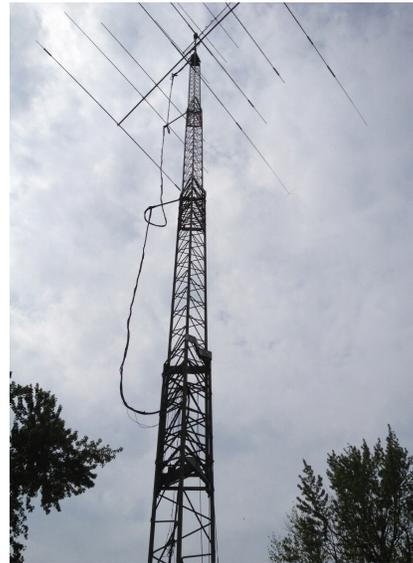
DITS AND DAHS

1. If you want to opt out of receiving this newsletter via snail mail, then send an email to our club secretary, (n8cx@mindspring.com). However, be sure we have your correct email
2. address and promise you'll read the on line version!
3. We are still looking to fill the vice-president position. Contact the president, w2thu@arrl.net, to apply.
4. Don't forget to renew your national QCWA membership. Log in to www.qcwa.org to check your status and renew. (I checked and quite a few of our chapter members are delinquent.

TOWER AND ANTENNAS FOR SALE

Chapter member **Charles Whalen, WA8NJP** is offering the following items. Call 440-951-6879 for prices and more information.

- Tri-Ex 70 foot crank up tower
- Tilt over accessory & installation base
- Winch for tilt over accessory
- Coaxial stand off arms (5 or 6)
- Rotor plate
- Thrust bearing
- Electric motor
- Pulley cover for motor pulley gear box
- Pulley's for tilt over accessory



- Crank for gear box
- Mosley PRO-67B antenna (10 through 40 meters)
- HyGain tailtwister rotors and control boxes (needs repairs)
- New LDG antenna autotuner AT-1000 never used

