



Cleveland Chapter One **NEWSLETTER** Established 1951

FALL 2012

W8LYD 146.850 PL 110.9

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

Hello; This is my fifth attempt at editing the QCWA Chapter One Newsletter.

Input material and suggestions are welcome. I will start preparing each newsletter about ten weeks before the meeting date, so you are free to send any material to me up to three months before the meeting date. I can be reached by phone at 412-486-8566, Email at KE8RN@comcast.net, or by mail to

1936 Duncan Avenue,
Allison Park, PA 15101-2824.

George J. Mistic KE8RN, editor

INVITATION TO OUR FALL LUNCHEON

Please join us this coming Saturday, 13 October 2012 at 11:30 a.m. for our fall luncheon. The location is JB Milano's Restaurant at the Cuyahoga County Airport on Richmond Road. All are welcome!

President Bob Winston, W2THU, Quarterly Letter to Members

The long hot summer is over, and so are most of the hamfests, as autumn begins its colorful show. Cleveland Chapter 1 continued its tradition of setting up a table at the Cleveland Hamfest in late September and I would like to thank Jack Goldfarb, W8WGO and Al Lada, WA8OZC for their assistance in promoting our chapter. At least 15 members autographed the sign-in sheet and we also gained a new member!

My plea in the last chapter newsletter to members who had not renewed paid off quite well, as our treasurer Bob Knaack, K8RDK and secretary Al Moriarty, N8CX were kept busy processing all of those checks and maintaining the database. Our membership numbers are strong, but we must continue to bring new hams into Chapter 1. Just think, if each of us could bring in just one new member, our chapter would double in size. Do you know any amateur who was licensed 25 years ago? If so, why not make a pitch to him or to her to join our club and QCWA national? Some members might not be aware that there are two websites for QCWA enthusiasts in Northeast Ohio.

Our own chapter maintains a website at <http://qcwa-cleveland-1.org> thanks to our webmaster, Don Ritchie, K8ZGW. There you will find the roster of members and an application to join Chapter 1.

I suggest that you print out a few of these and carry them with you for the opportune moment to sign up a new member.

The application for the national organization is on the website www.qcwa.org. I recommend that you print some of these also. Note that the national website has a member's only section where you can sign in once you have established your user ID and password. There you will find complete information about your local chapter. As I mentioned in the previous column, the national has become more web based. One example is that you get a significant reduction in your dues if you agree to accept the *Journal* via the web only, thereby giving up your paper copy. This is not a bad idea as it saves trees, ink, etc.

Our October quarterly luncheon is booked for Saturday, 13 October 2012 at 11:30 a.m. The luncheon is hosted by JB Milano's at the Cuyahoga County Airport on Richmond Road. As is our tradition, the program will be awards and I encourage you to attend this meeting, not only for the camaraderie, but to join in honoring your fellow hams. There will be a special award. Please make a reservation by checking into our weekly net (146.85 MHz every Wednesday at 8:00 p.m.) or via email to our vice-president and secretary, Al, N8CX (n8cx@mindspring.com). [The restaurant needs an accurate count to prepare the meals.]

I hope to see you there!

73, Bob Winston W2THU President, QCWA Chapter 1



Cleveland Chapter One Newsletter

Editor: George Mistic KE8RN 1936 Duncan Avenue, Allison Park, PA 15101-2824
412-486-8566
ke8rn@comcast.net

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

Distribution: Jack Goldfarb, W8WGO;
<jglfrb1@roadrunner.com>

Roster changes: Meetings: Second Saturday of January, April, July, and October.

Dues: \$10.00 per year.

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Chapter One Officers

President: Robert Winston, W2THU;
(216) 771-3314, <W2THU@arrl.net.>

Vice President: Al Moriarty, N8CX;
(216) 221-3682 <n8cx@mindsoring.com>

Secretary:

Treasurer: Robert Knaack, K8RDK;
238 Stanford Drive, Berea, OH 44017-1561;
<k8rdk@arrl.net>

Operational Group

Membership: KE9UL

Net controls: N8ZT, KC8UIQ

QCWA Journal reporter: W1HEO

License trustee: W8WGO

Awards chairman: W8WGO

Chief radio officer: K8QOT

Chapter musician: WA8OZC

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

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



News from QCWA Chapter One members

Editor's note: I would suggest printing on the forms, or pre-printing your comments before the quarterly meetings or Emailing them to the editor at KE8RN@comcast.net to facilitate the editor reading the submissions for the People column when assembling the newsletter.

Al Moriarty, N8CX, your new QCWA Secretary, comments on too much band noise at his QTH lately. He likes to work the straight key guys at 7.111 to 7.120. He still listens for DX, although he rarely hears them. Not a good antenna.

Kate Saccany, KC9IQF has moved; her new address is: Catherine D. Saccany, 901 Hinman Avenue, Unit 4-D, Evanston, IL 60202. She has a new hamshack; she bought a new condo, and part of her decision-making had to do with the inadequacies of her old location for getting on the air. Her old condo was in the corner of a 1923 courtyard building, surrounded by other buildings, and it was tough to get a signal out. Her new unit is only a half block away, but it's on the 4th floor of a 5 story building, large windows, in the southeast corner of the building and a great place to weather-watch. She is planning on sneaking a wire across the street for one of my antennas, and she will probably use a removable vertical on the balcony. Best of luck with the new location!

Don Ritchie wants to remind everyone that;
an armed person is a citizen;
an unarmed person is a subject.

Your editor was finally able to get a rare Collins KWM-1 20-15-10 meter transceiver. It did not come with a power supply, but did come with a cable to plug it into a later Collins 516F-2 power supply. The KWM-1 was the very first transceiver as we now know them; it receives and transmits on the same frequency which is set by a PTO in the transceiver; a breakthrough radio.

Dick Ingraham, WA8TPP, our former president, finally got his 160 meter band antenna back up after the fire at his QTH roasted his last one.

MORE News from QCWA Chapter One members

George, KE8RN had an article on the Hammarlund HX-50 and HX-500 SSB/CW transmitters published in the July issue of Electric Radio Magazine and an article on the Hammarlund HQ-200 in the August issue, and an article looking at why Hammarlund, National, RME, and Hallicrafters failed in the late 1960's and early 1970's, and why Drake, Collins, and Heathkit hung on for a good while longer. His [my] article on the Davco DR-30 receiver appeared in the June, 2012 issue.

An article on the B & W 6100 SSB/CW transmitter with very high frequency accuracy appeared in the QCWA Journal edition for Summer, 2012; an article on the National HRO-60 is appearing for the Fall, 2012 issue of the Journal.

An article on the Heathkit SB-100, SB-101, SB-102 and SB-110A is planned for the Winter, 2012/2013 edition of the QCWA Journal. These were written by your editor, George Misis KE8RN.

Lunch Friday Lunch Bunch Friday Lunch Location; Fly Away to the Airport. It is the same placed our meetings are held.

The Friday "Lunch Bunch," (FLB) has moved to a new location a little over a year ago: Milano's restaurant at the Cuyahoga County Airport. The move reflects a group decision to dine where the food is good, the service is friendly, and the prices are right. Join us! While many of the group are QCWA members, this is not a requirement for admission. Nope. Any licensed ham or even SWLs are welcome. The restaurant opens its doors around 11:30 a.m., and the FLBers meet in the private dining room to the left of the bar. To find Milano's, simply exit Interstate 90 at Bishop Road and drive south on Bishop to the airport. Turn right on Curtiss Wright Parkway and turn left on Crossover. An alternate is via Richmond Road. See you there! This is the same restaurant that we are currently holding the quarterly QCWA Chapter One meetings at; the restaurant is open for business on Fridays, so there are many more menu choices, and the prices are generally lower.

QCWA Chapter One Birthdays September-December, 2012

October

- 06 – K8RDK Robert D. Knaack
- 08 – W8VRJ John J. Misis
- 19 – N8ZT Craig D. Kollai
- 21 – N8BY Richard R. Christian
- 22 – WA8SAJ Jeffrey J. Covelli
- 25 – W8NUO James A. Ditmyer
- 26 – W8QKO Donald L. Sealy

November

- 01 – WD8AQH Nayda Cole
- 13 – N8FDN Richard L. Scott
- 19 – W9VZT Kenneth Kling
- 20 – K3OTY John B. Parsons
- 22 – W3SVJ Nate Firestone

December

- 07 – NI8Z Gary S. Dewey
- 09 – W8PL Paul N. Lacirsi
- 12 – W8MUA Robert Martin
- 27 – WB8ZGH Michael J. Goffos

January

- 13 - Dino M. Pocaro WD8DBQ; Alex F. Dolgosh K8EUR; Robert B. Rhoton WA8KHL
- 18 Sherrell Wimer W8UIN
- 21 David D. Dennis W8DDD
- 26 Ethel M. Tomazic N8MJZ
- 27 Charles F. Martin WB8LVD

Vintage Ham Radio Feature Article

THE HAMMARLUND HQ-170, HQ-180, AND HC-10

The Hammarlund HQ-180A and HQ-170A were the premium receivers from Hammarlund in the mid-1960's other than the very expensive SP-600. The A versions of the receivers were updated versions of the original HQ-170 and HQ-180 which were introduced about 1958-1959. These receivers still used a switched local oscillator that was switched by the band switch so the receivers had a faster tuning rate on the higher bands. The receivers were both triple conversion design with a first IF of 3035 KHz, a second IF of 455 KHz and a third IF of 60 KHz. The first IF of 3.035 MHz gives very good image rejection up to 6 meters, the highest frequency covered by the HQ-170A.

An HQ-170A-VHF was also offered with a built-in two meter converter and a six meter preamplifier. Four Nuvistors were used to make the converter and preamp. Hammarlund offered at one time the HC-10 receiving adapter for older or lower performance receivers to make them work well on SSB and provide better selectivity. The HC-10 is essentially the back end of the HQ-170A and HQ-180A starting at the 455 KHz second IF and going through the audio amplifier. It offers good selectivity, selectable sideband filtering, and SSB AGC.

The HQ-170/HQ-180 Hammarlund receivers are a BIG step up from the HQ-100/HQ-100A and HQ-200 which are all single conversion receivers. The HQ-100/HQ-100A do not have a product detector for SSB or CW reception; they do not have AGC for use on sideband or CW. The ham band HQ-110/H-110A is a double conversion receiver, so it has better image rejection than the HQ-100/HQ-100A/HQ-200. The HQ-145 and HQ-145A receivers are double conversion above 7 MHz and are essentially deluxe double conversion versions of the HQ-100 but are in the big cabinet like the HQ-170 and HQ-180.

The HQ-180 was a fairly expensive receiver, selling for over \$400.00 in 1960 large-size dollars. From the first conversion to the audio output, it is identical to the HQ-170.



THE HAMMARLUND HQ-180 WITH OPTIONAL CLOCK

neither receiver could transceive with any transmitter; the HQ-170 and HQ-180 switched the first local oscillator so the tuning rate is different on each band, and gets faster on the higher bands. These receivers are inherently less stable than receivers with a crystal-controlled front end like a Drake or Collins or even the later Heathkits. The fairly large size of the HQ-170 and HQ-180 made them seem fairly dated after the Collins S-Line and Drake 4-Line came out. Even Heathkit greatly reduced the size of their top ham receiver when the large and heavy RX-1 Mohawk was replaced by the smaller and lighter but more stable SB-300 that could transceive with the SB-400 transmitter. Hammarlund only offered one new receiver after the HQ-170A and HQ-180A, the very nice but too late HQ-215.

By -George J. Mistic KE8RN

QCWA Chapter One Classifieds

Drake and other old radio service, including TR-7's. Thirty-five years of experience. Jeff Covelli, WA8SAJ, 440-951-6406, wa8saj@ncweb.com.

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 of experience. Call 412-486-8566 or Email at KE8RN@comcast.net Celebrate a bygone era with Electric Radio Magazine. Subscription rates \$45.00 mailed via First Class Mail in an envelope or \$34.00 via Periodicals rate not in an envelope. Electric Radio Magazine, PO Box 242, Bailey, Colorado 80421-0242. 720-924-0171 Subscriptions online at www.ermag.com FAX 303-838-3665 Visa, Mastercard, American Express or a check. Jeff Covelli, WA8SAJ and George J. Mistic, KE8RN write frequently for Electric Radio Magazine.

To sell unwanted or estate radio equipment at auction, contact Estes Auctions at 330-769-4992. Twenty+ years of experience with vintage radio auctions. Auctions are held at the Expo Auction Barn in Burbank, Ohio at Garmin Road near I-71 and Rt. 83; it is a very nice and modern facility. To place a QCWA Chapter One classified, call, write, or Email George J. Mistic, KE8RN at 412-486-8566, 1936 Duncan Avenue, Allison Park, PA 15101-2824, KE8RN@comcast.net.

Your 4 Sale ad can be right here!

QCWA Chapter One Resource List

Our members have a variety of specialized knowledge and experience that can be shared with others. Need help? Give them a call. What can *you* offer? Let the editor know. Contact him at 412-486-8566 or ke8rn@comcast.net

Antennas & DX

D.E. "Dee" Logan, W1HEO
(440) 352-8292 <delogan@ameritech.net>

Legal

Robert Winston, W2THU
(216) 771-3314 <w2thu@arrl.net>

Building electronics

Joe Gutoskey, W8DOE
(440) 944-3774 <joegtsky@msn.com>

Medical literature

Jeannie St. Marie, KC8MNW
(216) 844-6046 <jeannie.stmarie@uhhospitals.org>

General help & Troubleshooting

Kirk Sanderson, W8WNA
(440) 526-4132 <ksanderson.2@juno.com>

Running

Kate Saccany, KC9IQF
(847) 226-7434 <cdsaccany@aol.com>

Echolink & CQ100

Jack Goldfarb, W8WGO
(216) 371-1981 <jgldfrb1@roadrunner.com>

This space reserved for *your* listing. Needed: persons familiar with PCs, ham software, RFI etc. Don't be shy! Let the editor know. Call W1HEO at (440) 352-8292.

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