



Cleveland Chapter One **NEWSLETTER**

Established 1951

Spring Quarter 2013

W8LYD 146.850 PL 110.9

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

Spring lunch is April 13th at our **NEW location!**

Café Europa & Bistro, 5900 SOM Center Road, Willoughby, Ohio

Due to the abrupt closing of JB Milano's we will be meeting at Café Europa. This is a family restaurant featuring authentic homemade foods, desserts, premium coffees, wine and beer. It is located in the Pine Ridge Plaza, at



the northwest corner of SOM Center Road (SR-91) and Ridge Road (SR-84).

Directions: Exit I-90 at SR 91 in Willoughby. Turn right (north) onto SR 91 (aka SOM Center Road) and proceed 3 traffic lights if you are coming from the east on I-90, or 4 traffic lights if you are coming from the west on I-90, to Halle Drive. Turn left at Halle Drive and immediately turn left into Pine Ridge Plaza. Drive straight in the parking lot and follow as the plaza curves toward your right. Café Europa is just west of the RAUN Hairdresser.

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You know ARES is active in Ohio, but are you aware of its current activities?

Learn more about emergency services!

Our Saturday, April 13th meeting will feature a program by Ohio Section Emergency Coordinator **Matt Welch, W8DEC** who will describe the structure, function and activities of the Ohio Section Amateur Radio Emergency Service. Matt is the youngest member of the ARRL Ohio Section Cabinet, yet he has the responsibility of running the ARES program for the entire state. Listen to Matt's talk and ask your questions about how hams assist served agencies in our state.

Lunch orders taken at noon. Door prizes, 50-50 raffle, music, and fellowship awaits!

Do bring a friend! ■

Dues are past due! Please send your \$10.00 check to our Chapter 1 Treasurer, Bob Knaack, K8RDK, 238 Stanford Drive, Berea, Ohio 44017, or you will be dropped from Chapter 1 membership. We don't want that to happen.
CHECK YOUR MAILING LABEL DATE!



PEOPLE

Cleveland Chapter One Newsletter

Editor: Robert M. Winston, W2THU and George Mistic, KE8RN

Past editors: "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. Café Europe & Bistro, 5900 SOM Center Road, Willoughby, Ohio

Dues: \$10.00 per year.

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Chapter One Officers

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

Vice President: Al Moriarty, N8CX

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

Treasurer: Robert Knaack, K8RDK; 238 Stanford Drive, Berea, OH 44017-1561; (216) 470-3753 <k8rdk@arrl.net>

Operational Group

Membership: KE9UL

Net controls: N8ZT, KC8UIQ

QCWA Journal reporter: Open

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.

New members:

Welcome to Don Howard, N8JIW of Shaker Heights, **Larry Caskey, KB8QKC** of Chardon Township and **Mark Ludwick, W8BBQ** of Canfield. Please join our Wednesday night nets and quarterly luncheons.

Radio activities:

Ray Suing, N8EQT reports that the V.A. Hospital is now equipped with an all new amateur radio station. More operators are welcome. Please contact N8EQT or **Rick Christian, N8BY**

Dee Logan, W1HEO writes a column called "Ask Aunt Blabby" for the *DX Magazine*. The advice is quirky, but it is free!

Tom Wayne, WB8N, Gary Dewey, NI8Z, and **Metro Sinko, W8MET** helped the students at the Copley-Fairlawn Middle School radio club, WA8CMS, participate in the ARRL School Club Roundup in February.

Other goings on:

Al Lada, WA8OZC went on a Caribbean Cruise this past January.

SUNSHINE

John Esborn, K8OCK, recently broke his hip and is recovering at a rehab facility. Please keep him in your thoughts and prayers.

SECRETARY'S REPORT

de Al Moriarty, N8CX

Hi everyone,

Well, the April meeting and spring are upon us. Today, the weather is beautiful, 70 degrees and sunny. Can the warm summer be far behind?

I am still working on the roster and mailing labels. I understand that there are many incorrect birthdates on the roster. While I have sent some emails to individuals concerning information and birthdates, I have yet to receive any replies. A list of birthdays for April, May and June are included in this newsletter. If yours is incorrect, email me about it. n8cx@mindspring.com. We are presently showing 88 members in Chapter 1. Many, however, have not paid their 2013 dues. If your mailing label shows 2012 next to your callsign, please send in your dues to the treasurer. Many thanks.

Well, I hope to see many of you at the meeting on April 13th. Note the new location. The Cafe Europa and Bistro, 5900 SOM Center Rd., Willoughby. This is in the Pine Ridge Plaza. Those from the Friday Lunch Bunch will know where it is, as it is in the same plaza as the Manhattan Deli.

My best 73s to you all,
Al, N8CX
VP and Secretary

TREASURER'S REPORT

de Bob Knaack, K8RDK

Total income, from dues and 50-50, so far this year is \$499.00.

Cash on hand is \$5,240.92.

Classified Advertisements

For Sale:

Kenwood TL922 linear with extra set of tubes. Asking \$1,100.00. Cushcraft X-9 beam covers 40 to 6 meters, with 9 elements on a 28 foot boom for \$300. Contact Dwaine Modock, K8ME on 440-582-3462 or k8me@sbcglobal.net

Ten-Tec Jupiter HF transceiver. Also, Yaesu VX-5 dual band HT. Contact Ken Kling, W8VZT for details. 216-299-1827 or kpkling@att.net

Celebrate a bygone era with *Electric Radio Magazine*. Articles on ham radio gear from the 1930's to 1980's. Jeff Covelli, WA8SAJ and George Mistic, KE8RN frequently contribute. *Electric Radio Magazine*, PO Box 242, Bailey, CO 80421.

Ham Radio Services:

Drake and other old radio service, including TR-7s. Thirty-five years of experience. Contact Jeff Covelli, WA8SAJ on 440-951-6406 or 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 experience. Call George Mistic on 412-486-8566 or email him at KE8RN@comcast.net.



*Birthdays
This
Quarter*

April

W8GR	Ray Lotenero	4/9
N8QE	Bob Hajdak	4/12
KC8FQV	Mark Studer	4/14
W8TAB	Tom Bishop	4/22
WA8QZZ	Don Adams	4/27
W8MET	Metro Sinko	4/27

May

N5JED	Charles Joseph	5/3
W1HEO	Dee Logan	5/3
WA8TPP	Dick Ingraham	5/6
W8UNI	Herman Pekrul	5/15
AB8SB	David Parris	5/16
K8DBT	Donald Thomas	5/18
KC8UIQ	Robert Robertson	5/18
WA8YVF	George Ingmand	5/29

June

K8OCK	John Esborn	6/1
N8UAX	Tom Suhadolnik	6/3
KE9UL	Joseph Nocifora	6/7
W8MMC	Robert Briggs	6/11
W8IMO	Robert Sull	6/14
W8LE	Byrness Haworth	6/15
K8ME	Dwaine Modock	6/16
K8IIU	John Shott	6/17
W8BNT	Richard Petscher	6/20
W8FDN	Richard Scott	6/20
WI3U	Henry Schultz, Jr.	6/23

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
de W2THU**

On January 9th, net participants were asked if they operate D*Star, Echolink or IRLP and if they consider those modes to be ham radio, since some don't even require a radio. Gary, NI8Z said that it's ham radio because you need a license to get on those modes, and that you are missing the boat if you think just RF is ham radio. Mike, K8EHP said he doesn't operate those modes and it is not ham radio. Dick, WA8TPP commented that it doesn't matter if it's ham radio because it's a personal choice. Less than half the check-ins said they use these internet based modes. The majority said it is not amateur radio.

On another night, we were asked if we have a 160 meter antenna. Dick, W8FDN goes on 160 with an inverted V. Dee, W1HEO said he has an inverted L, with a match that requires both fixed and variable capacitors at the base. He also uses 600 feet of insulated wire to receive. It works well for him because he has worked over 100 countries on 160m. Dick, WA8TPP reported that he uses a quarter wave end fed only 20 feet above ground. All the other check-ins said they don't go on 160m, mostly due to lack of space for the antenna.

When asked if we participate in the School Roundup, on the February 13th net, only 3 net participants said that they do. Two of those, Bob, W2THU and Ray, N8EQT worked the Gilmore club station, ND8GA. Dave, N8SAX said he worked several club stations at universities across the country. Some check-ins said that they did not know about the School Roundup.

The discussion question on March 13th inquired about our ham club memberships. Mark, KC8FQV probably set the record with memberships in ARRL, QCWA, GARA, LEARA, CARS, ARES and Skywarn.

President's Perspective

By Bob Winston, W2THU

It's March 21st, it's been snowing all day and the temperature is headed for the low 20s tonight. Welcome to spring in northeast Ohio! We were reminded that last year on this date it was 81 degrees. My take is that our long, cold and snowy winters make one appreciate spring and summer so much more.

A sure sign of spring is our approaching April luncheon. Many have heard that JB Milano's has closed. Some are wondering if Chapter 1 has done something to cause our last two luncheon venues to go out of business. I think not. LEARA also had its monthly dinner meetings at Dimitri's and JB Milano's.

I suspect that lack of business had a lot to do with these closures. Your Executive Committee has been searching for a suitable replacement, taking into account location, price, food quality and accessibility. The restaurant that we choose for April may not be our final choice. Your feedback will be an important factor.

I have exciting news for our chapter.

Recently, QCWA national director, **Ken Simpson, W8EK**, notified me that Cleveland Chapter 1 is eligible for its 60th anniversary award. Ken will be coming to Cleveland to personally present this award to our chapter. He will be here in May, around the time of the Dayton Hamvention. We are going to schedule a special meeting, probably coinciding with the Friday Lunch Bunch, just like we did when Ken came to speak to our chapter a few years ago. We will notify all of our members via email.

Speaking of email, our secretary **Al, N8CX**

has done a wonderful job updating the membership roster. But, there are several members with missing email addresses. I have been calling these hams on the telephone to fill in the gaps in the email column of the roster. Don't forget that if the national organization does not know your email address, then you are not getting your monthly journal. Please contact me if you are not hearing from QCWA. You can also look at the roster on our club website to make sure your information is correct. A big thank you to our webmaster, **Don, K8ZGW**, for posting the latest roster every time Al brings it up to date.

I would like to encourage you to participate in our weekly chapter net and quarterly chapter luncheons. If you haven't checked into our net lately, please note our new format, where instead of answering a trivia question, we have a discussion topic specifically related to ham radio. This has worked out very well, resulting in an exchange of information, ideas, and some nostalgia. Our luncheons present the perfect opportunity to connect a face to the voice that you hear on the air, to learn something from our guest speaker, to enjoy the accordion music by members **Al, WA8OZC** and **Jerry, WB8ADF**, and to enjoy a good meal, all at the same time.

I look forward to seeing you at the April luncheon.

73, **Bob W2THU**

The Collins KWM-1 Takes Ham Radio to the Modern Era

de George Mistic, KE8RN

The Collins KWM-1 was the first transceiver as we now know them ever. It covered 20, 15, and 10 meters and ran 180 watts peak envelope power [PEP]. It covered 100 KHz per bandswitch position so it used two bandswitch positions to cover the phone portion of the 20 meter band and three bandswitch positions to cover the phone part of 15 meters. It came with only 100 KHz of 10 meter phone band which at the time extended from 28.5 to 29.7 MHz. It did not cover the 160, 80, or 40 meter bands nor was it designed to be used on CW. The KWM-1 used a single VFO to tune both the transmitter and receiver to the same frequency at all times; no provision was made to transmit and receive on different frequencies. The KWM-1 came out of some innovative home construction done by Gene Senti to make a transceiver out of his 75A-4 receiver in his home station. Art Collins gave him materials to build his idea and went to his home shack to see the result first hand. Art was very impressed with Gene's homebrew project and the original KWM-1 prototype came out of the effort to use Gene's ideas in a single piece of equipment. The resulting radio was small enough to easily fit in the cars of the day and was practical to run from a car battery. The only transceiver that was near to the 1956 release of the KWM-1 was the AM Gonset G-76. It had a fairly conventional receiver and transmitter capable of AM operation and CW; they were not tuned by a single knob like the KWM-1 but had a transmit VFO built in that could be spotted on to the receive frequency. No commercial equipment had the receiver and transmitter track together at this early date; the Drake and Heathkit radios that did this were still about five years away. The Collins S-Line was the first commercial station that could transmit and receive with the frequency controlled by a single knob; other than the KWM-1 and later KWM-2 none of the offerings from Hallicrafters, Hammarlund, and National had this capability at this early date. When the KWM-1 came out,

there were NO other transceivers from anyone that offered the operating convenience of the KWM-1. About the first real low-cost competition came about 1961 when the Swan single band SSB transceivers came out with many of the features of the KWM-1 but at a small fraction of its cost. The next wave of technology was first the famous Collins KWM-2 and then the first three band rigs from National, Hallicrafters, Swan and Globe/Galaxy. Hammarlund seemed to miss this huge step forward in transceivers which later led to their demise. Heathkit jumped on board with a low cost kit-form single band transceiver for 80, 40, or 20 meter SSB but without CW coverage or capability. The early 1960's saw Swan, Galaxy, Drake, National develop five band transceivers covering 80, 40, 20, 15, and 10 and both SSB and CW. Drake also had AM capability. Collins was the one of the first to go to high-performance solid state with the very fine but NOT cheap KWM-380 about 1977; SBE had marketed a four band SSB transceiver that was all solid state except the driver and final in the transmitter in the early 1960's. Collins exited the amateur radio marketplace soon after the KWM-380; allowing the Japanese suppliers to take over the amateur market.

Collins KWM-1



Photo by KE8RN

FEATURED CHAPTER 1 MEMBER

Dee Logan, W1HEO, is well known in our chapter as an active participant and promoter of amateur radio. Dee's interest in shortwave radio began while in high school, when his dad, an appliance store salesman, took a Hallicrafters S-38 on trade from a purchaser who was short on cash. At the age of 17, Dee worked as an announcer at his hometown Bay City, Michigan radio station, WGRO. Soon after, he met his elmer, K8IFH, news director of the local TV station, who loaned him an Instructograph to learn the code. Dee was licensed as a novice (KN8WZJ) in 1961 and passed his general the following year.

At Michigan State University, Dee majored in radio and TV communications and worked summers at the Bay City TV station doing it all: announcer, floor director, camera operator, and more. He later received a master's degree in journalism from the University of Illinois.

After graduation, W1HEO had a successful career in public relations and communications with some of America's largest corporations including General Electric and Parker-Hannifan. As Dee moved to new cities, he founded amateur radio clubs, such as the Greater Fairfield (Connecticut) Amateur Radio Association and the Northwest Amateur Radio Society (NARS), near Houston, Texas. His commitment to leadership is reflected in his participation as club president, board member, newsletter editor, instructor and VE in various organizations, including LCARA, QCWA Chapter 1, and the Indian Hills Radio Club.

Dee is an avid DXer, having achieved the top of the DXCC Honor Roll in 2007. He holds 9 band DXCC, WAZ and WAS. He has also been on the other end of the pileup, when he operated from Lord Howe Island as VK9LM while the guest of VK9LH. In addition, W1HEO has operated from Aruba, Curacao, Anguilla and England.

W1HEO has written extensively for radio

magazines, including *CQ*, *QST*, *WorldRadio*, *73*, *Ham Radio Horizons*, *Popular Electronics* and *DX Magazine*. His expertise in public relations



W1HEO at VK9LH on Lord Howe Island in 1999

has served the amateur radio community well, where his efforts were recognized by the ARRL when it awarded him the 2006 **McGan Silver Antenna Award**.

Those who know Dee realize that he has a keen interest in promoting our great hobby. Instead of talking about how to bolster amateur radio, he has taken steps to achieve this goal. He is a founder of the Ham Radio Promotion Project which provides tools to radio clubs that assist them in recruiting new hams. These tools include the promotional video ***Amateur Radio: Wireless Window to the World*** and ***The Ham Radio Promoter***, a newsletter to member clubs that contains news and tips for publicity and recruitment activities. As Dee explains, the idea is "Building relationships with key audiences, such as radio clubs and physics teachers." When asked how to recruit young people into our hobby he suggested using software defined radio (SDR) and our digital modes as a path to bring these computer savvy kids into ham radio.

Dee and his XYL, Elizabeth, live in Concorde Township. Although his efforts in promoting ham radio to their three sons was not successful, they are now the proud grandparents of a newly licensed Technician class operator.

Join the Friday Lunch Bunch

QCWA Chapter One members and other radio hams gather for lunch each Friday at 11:00 a.m. in Willoughby. The place? The Manhattan Deli, 34601 Ridge Road, Willoughby. It's in the Pine Ridge Plaza, northwest corner of Ridge (SR-84) and SOM Center Rd (SR-91). Join us!