



Cleveland Chapter One **NEWSLETTER** Established 1951

First Quarter 2011

W8LYD 146.850 PL 110.9

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

Software-Defined Radios at January 8th meeting:

How your PC can go airborne!

Our guest speaker at the Saturday, January 8th luncheon meeting will be Dave Kennett, W8KFJ. He'll introduce us to the growing field of software-defined radios, and provide a demonstration of how they work. Dave will also tell how to apply this new type of digital amateur radio in your own shack..



In addition to the program, the quarterly luncheon meeting will include a variety of fun activities. Among them: live music, door prizes, 50-50 raffle, and updates on the chapter doings. Fellowship with friends and other members is on the menu as well.

A preliminary report will be given on the membership survey that has been underway over the past few weeks.

The meeting gets underway at 11:30 a.m. at Dimitri's Restaurant in the Midtown Shopping Center, 1830 Snow Road, Parma. Lunch orders taken around noon.

Bring a friend! ■

A chapter members' survey is in progress. If you haven't been contacted, please complete and mail the survey form in this issue. Thanks! Also, please send your chapter dues to our new treasurer as noted on page 5.

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Chapter One members Receive Service Awards

Veteran operators all!

Our October meeting highlight was the annual presentation of QCWA Service and Special Chapter One Awards to several members, some of whom are shown in the photo.

Honorees were: 50 years: Clarence Saccany, K8SLF; George Keltner, K8SGM; William Hammond, WA8VMN. 55 years: Ray Wassum, W8SLZ; Richard Petscher, W8BNT; Marvin Grossman, W8AZO. 60 years: Richard Scott, W8FDN. 70 years: Earl Carter, W4EU. Century Certificate: John Esborn, K8OCK.

Special Chapter Merit Awards also were presented to Marv Grossman, W8AZO, and Craig Kollai, N8ZT. ■



Award recipients (clockwise from top left): W8FDN, K8SLF, K8SGM, N8ZT, and W8BNT.



Cleveland Chapter One Newsletter

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Roster changes: Notify Secretary Paul Poling, K8CKG; 1281 French Ave., Lakewood, Ohio 44107-2467; (216) 228-3427; e-mail:

<k8ckg@yahoo.com>

Meetings: Second Saturday of January, April, July, and October. Dimitri's Restaurant, Parma.

Dues: \$10.00 per year.

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Chapter One Officers

President: Robert Winston, W2THU;
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Treasurer: Robert Knaack, K8RDK;
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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,
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Web administrator: K8ZGW,
<dritchie@dr.com>

■

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



New members:

Welcome to **Robert Knaack, K8RDK** of Berea and **Steven Molnar, W8ANJ**, of North Ridgeville.

Public service: ARES member **Ross Stillisano, KB8JTZ**, helped provide safety and communications for the October Pumpkin Festival.

Radio activities: **George Misis, KE8RN**, has added a Galaxy GT-550 and Swan 240 to his boat anchor collection and is working on his restored 1966 Lincoln convertible....
Bob Rhoton, WA8KHL, now in Florida can't operate due to deed restrictions, so must turn to Skype.....
Kirk Sanderson, W8WNA, gets S9 reports on 40 CW on a 12-foot high wire out his window. "I enjoy their surprise when I tell them I'm over 90."

The repair shop: When **Ray Suing, N8EQT**, encountered poor reception with the VA station's 40/80 dipole, he discovered that it was no longer airborne, but laying on the roof. After repairs, WA8VA is back on the air.....
Paul Poling, K8CKG, reports having to ship his sick FT-920 to Yaesu for repairs. His bill: \$125 for shipping and a \$35 bench charge. Ouch!

Get well cards to: Recovering from surgery is **Bernie Hinrichsen, W2NTB**.....While **Jack Goldfarb, W8WGO**, is feeling better. ■

Ham radio classics

Galaxy V provided great value, engineering for '60s SSB rigs

By George Mistic, KE8RN

The Galaxy V 80-to-10 meter transceiver is one of my favorite rigs from the 1960s. I sold and serviced the Galaxy when I worked at Bernie's Ham Shack on East 21st St. while in high school.

The Galaxy competed with the Drake TR-3, TR-4, and Swan 350/400. It was priced lower than Drake offerings, and priced with the Swan 350.

Like the Drake, Collins S-line, KWM-2 and National NCX-5, the Galaxy used a tuning VFO that covered a fixed range on all bands. It wasn't switched like the tuning oscillator in the Swan 350 and most non-Drake and non-Collins receivers of the time. This made rigs like the Swan less stable on the higher bands, and caused the tuning rate to change on various bands.

The Galaxy mixed the internal VFO with a very stable crystal oscillator to get the needed injection frequencies. Like many rigs of the era, it had a 9 MHz IF frequency. For tri-band radios (80/40/20 meters) like the Galaxy, 75/80 meters was covered by subtracting the VFO from the IF, and 20 meters by adding the VFO to the IF.

The Galaxy, like the Drake TR3/4 and Collins, used a crystal oscillator to shift the VFO to the needed frequency range. This scheme was widely used, and is identified by the radio tuning in opposite directions on 80 and 20 meters.

To keep costs low, while providing many features, the Galaxy III & V had optional plug-in calibrators and VOX units. Higher priced rigs like Collins and Drake had these features built in.

All Galaxy models had selectable sideband on all bands. Initially, the Galaxy ran 300 watts PEP with a pair of GE color TV horizontal sweep tubes in the final. (Swan seemed to favor RCA while Drake used Sylvania's.) Using the original brand of tubes usually allowed replacement without neutralization.



The Galaxy V was upgraded to a Mark II and later Mark III models with increased power; the tri-band Galaxy was dropped. Later, the Galaxy became a slightly larger model, the GT-550, that ran 550 watts PEP, but used much of the original Galaxy design.

The Galaxy rigs were built by Galaxy Electronics, the heir to the old World Radio Labs mail-order company started by Leo Myerson that made the Globe Scout and other transmitters. Leo has a QCWA chapter named in his honor in California.

These rigs still work fine today. I have a collection of all the Galaxy models. I recently picked up a GT-550 at this year's Dayton Hamvention. ■



Birthdays this Quarter

By Paul Poling, K8CKG

January

WD8DBQ	Dino M. Pocaro	01/13
K8LP	Lester A. Peine	01/13
K8EUR	Alex F. Dolgosh	01/13
WA8KHL	Robert B. Rhoton	01/18
N8UIN	Sherrell Wimer	01/21
W8DH	Dana Henry	01/25
W8DDD	David D. Dennis	01/26
N8MZJ	Ethel M. Tomazic	01/27
WB8LDV	Charles F. Martin	01/28

February

K8TTZ	Robert W. Mills	02/10
K8NMY	John Petkac	02/17
KC8FF	Betty J. Scholz	02/18
KC8ZOE	Floyd C. Wimer	02/21
KE8RN	George J. Mistic	02/22
WB8APD	David P. Foran	02/23
W8PJN	George W. Cox	02/28
N8IJG	William J. Wihebrink	02/29

March

K8EHP	Michael Cegelski	03/02
WA8NJP	Charles Whalen Jr	03/02
N8OOG	Jim Wimer	03/04
W8SLZ	Raymond E. Wassum	03/04
K8QOT	James R. Pracker	03/08
N8TCN	Charles B. Collister	03/09
K8CKG	Paul J. Poling	03/09
W8AZO	Marvin S. Grossman	03/10
WA8VSJ	Arthur R. Lewis	03/11
AF8B	Donald E. Norman	03/17
W8KYD	Ronald L. Mayer	03/18
W8DOE	Joe Gutoskey	03/24
WA8FTW	Anthony J. Coppola	03/27
W8WGO	Jack H. Goldfarb	03/29
K8AZW	Herbert Schieman	03/29

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!

Join the Friday Lunch Bunch

QCWA Chapter One members and other radio hams gather for lunch each Friday at 11:00 in Willoughby Hills. The place? The Firehouse Grill & Pub, one block west of route 91 and route 6, at 2768 Stark Drive. Stark is the first street west of route 91. Join us. No dues, no officers, nothing but lunch and ragchews. (Topics even include ham radio!)

Radio Flashback

KE8RN's Dentron MLX-Mini

George Mistic knows it inside and out!

Chapter One member George Mistic, KE8N, brought an interesting bit of history to the last meeting. He showed a 20-watt single-band radio, the Dentron MLX-Mini (shown). What makes this rig special is that George designed it. He points out that the compact single-band



George and his MLX-Mini

radios ran SSB and CW.

He designed several prototypes for 160 to 6 meters, and reports that there were about 300 units sold during 1982-1983 for 80, 40 and 20 meters. The nifty little units featured a digital

readout and had an on-off switch to save battery life. Not sure what their price was, but a lot of radio in a small package.



Weekly Net Report

By Craig Kollai, N8ZT

September 2010 Total Checkins

107 members 1 listener 108 total

October 2010 Total Checkins

73 members 0 listeners 73 total

November 2010 Total Checkins

78 members 2 listeners 80 total

Selected net trivia questions

1. What is an ARRL ORS station?
2. What was the commercial version of the Army Signal Corps BC-610 transmitter?
3. What was the callsign marking the 92nd anniversary of the first west-to-east transmission from Nova Scotia to Cornwall?

Answers below

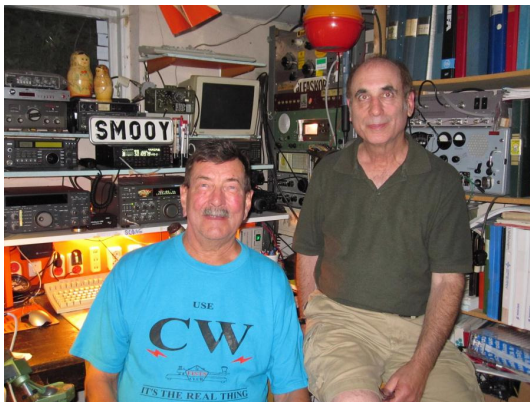
1. Official Relay Station 2. Hallcrafters HT-4 3. VAIS.

A special visit to SM00Y in Stockholm, Sweden

By Bob Winston, W2THU

This past August, Jeannie St. Marie, KC8MNW, and I visited my dear friend Lars (Lasse) Nordgren, SM00Y, and his family in Stockholm. Although I have been to Sweden many times since Lasse and I first met in 1965, this was a special occasion. Back in January, Lasse's XYL Gunilla e-mailed that she was planning an elaborate 70th birthday party bash. I told her that I wanted to come, but to keep it a surprise.

All went well as we arrived in Sweden via Iceland one day early. We stayed overnight with one of their adult children and the next Day we were driven to the party center.



Lars, SM00Y, left, and visiting friend Bob, W2THU

Gunilla had arranged an open house that went on for eight hours. Many old friends and family came to help celebrate Lasse's milestone birthday.

The next day we packed up the car for a trip to Lasse's hometown of Visby on Gotland Island (SM1), in the Baltic Sea off the southeast coast of Sweden. It's good DX, and I went on the air from there. Visby was a major trading partner in the days of the Hanseatic League. We went there because I had such fond memories of earlier visits and I wanted Jeannie to see this lovely walled city right out of a fairy tale.

Over the years people have assumed that Lasse and I met on the air. In fact, I was bumming around Europe in my college years and ran into him in Stockholm's old town. Lasse was a bouncer for one of the many clubs and we got to talking. When I asked him why he spoke English so well, he mentioned that he was a ham.

The next day I was the guest of another ham as word spread that a W2 was in town. Lasse and I kept in touch and our families visited each other both in Sweden and the U.S. Lasse has also come to the Dayton Hamvention with us a couple of times. ■

New Treasurer, K8RDK, Joins Chapter One

And he'd love to have your dues!

Happy New Year! We hope that you had a good year in 2010 and our best wishes to you for a great 2011.

We are pleased to welcome a new member who is a CPA and kindly agreed to serve as our treasurer.

Our thanks to Ray Wassum, W8SLZ, for his service.

A reminder that as the New Year dawns, the chapter would welcome your \$10.00 dues. Please make your check payable to QCWA Chapter One and mail it to:

Robert Knaack, K8RDK
238 Stanford Drive
Berea, OH 44017-1561.

Thanks in advance for your continuing membership.■

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 (440) 352-8292 or deverelogan@gmail.com. Thanks!

Antennas & DX

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(440) 352-8292 <delogan@ameritech.net>

Legal

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(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.