

Editor, CORC Repeater Newsletter
Joe Hahn (W8NBA)
P.O. Box 398
Pataskala, Ohio 43062-0398



The Central Ohio Radio Club January 2005 Newsletter

Web Page at: <http://www.corc.us>

Place Label Here

The Central Ohio Radio Club Newsletter is the Official Journal of The Central Ohio Radio Club, Inc. and is published four (4) times a year. It is mailed to all Full and Associate Members. All copy or advertising must be received at least four weeks prior to publication. Articles may be reproduced for other publications as long as prior permission is obtained and source acknowledged. While the Editor makes all reasonable effort to assure the information within is correct, we do not guarantee it's contents and disclaim all liability. We reserve the right to edit or reject submitted items for publication. Mail all copy to: Joe Hahn (W8NBA), P.O. Box 398, Pataskala, Ohio 43062. Items can also be e-mailed to newsletter@corc.us. Also visit CORC's Web Page at <http://www.corc.us>

The Central Ohio Radio Club, Inc.

The Central Ohio Radio Club, Inc. (CORC)

CORC operates repeaters on 146.76, 146.97, 147.33 and 444.200
In addition, CORC affiliates with repeaters on 145.49 and 442.800

Some of the features include:

Autopatch access to Columbus, Delaware and West Licking County and Newark area.
Rapid access dialing to public service or member telephone numbers.
Repeaters used by the Weather Net in Central Ohio in support of The National Weather Service.
PL used on all repeater outputs. Alternate PL tone used during announcements by Weather Net.
Multiple receiver sites on in Franklin, Licking, Delaware and Logan Counties to ensure
Excellent coverage throughout Central Ohio

General Membership allows you and all amateurs in your family at the same address
full use of the CORC facilities, an OPERATING MANUAL, and subscription to the CORC Newsletter,
and a vote at the annual meeting of the corporation.

Associate memberships are available to non-amateurs and to amateurs who are occasional
users of the CORC facilities AND live outside the general coverage area of the repeaters.

1 Year Member Dues	\$18 per year	\$_____
2 Year Member Dues	\$32 for 2 years (save \$4)	\$_____
3 Year Member Dues	\$45 for 3 years (save \$9)	\$_____
Associate Member	\$9 per year per member	\$_____
Optional Repeater Maintenance Contribution		\$_____

PLEASE PRINT

MARK ONE: *New Application* _____ *Renewal Application* _____

Call Sign _____ Name _____ E-mail _____

Call Sign _____ Name _____ E-mail _____

Call Sign _____ Name _____ E-mail _____

Street Address _____

City _____ State _____ Zip+4 _____

Home Phone () _____ Alternate () _____

How many listed above are ARRL Members _____ Check to request Autodial for Home Phone _____

Check to Request Newsletter to be E-Mailed _____

Make check payable to CORC. Please place call sign on check. Mail check and application to:

Joe Hahn, W8NBA, Membership Chairman, PO BOX 398, Pataskala, Ohio 43062-0398

**For More Information either visit the website at <http://www.corc.us>
or call Joe, W8NBA at 740-927-9040**

Thank You for your Membership and Support

The Central Ohio Radio Club Newsletter

January 2005

President

Laura Perone
KA8IWB

Vice-Pres.

Phil Carter
WD8QWR

Secretary

Tony Fabro
N8RRB

Treasurer

Steve Robeano
WD8J KX

Newsletter

Editor

Joe Hahn
W8NBA

Membership

Chairman

Joe Hahn
W8NBA

Repeaters

146.16 / .76
W8RXX

146.37 / .97
W8RRJ

147.93 / .33
W8NBA

442.200

449.200

W8RXX

Associate

145.49 / 4.89

442.8/447.8

W8CMH



From The Central Ohio Radio Club, Inc.

Membership Update

By Joe Hahn, W8NBA
Membership Chairman/ Newsletter Editor

CORC now has a total of 184 full pay members and 6 associate members. In addition, there are 39 family members and 10 life members. Since the last newsletter was printed, the following persons have joined CORC.

Dean Grinch WA8OMQ
David O'Hare KB8DRQ

Brian O'Keeffe KD8AOG
Adam Fathauer KD8ANM

Please welcome them when you hear them on the air!

CORC members and other individuals continue to donate time, talent and extra money to assist the club with its operating expenses. The following individuals have donated since the last newsletter was printed in January.

Paul Lausch KC8GME
Michael Rieser N8ABE
Dean Grinch WA8OMQ
John Hull W8RRJ
Trigg Tabor K8NIO
Laura Perone KA8IWB
Phil Carter WD8QWR

Jim Gifreda W8MAP
Ed Schleppi K8VKA
Steve Robeano WD8JKX
Joe Hahn W8NBA
Tony Fabro N8RRB
John Perone W8RXX

Repeater Technical Updates

146.97 Transmitter – John, W8RXX

The 146.97 W8RRJ transmitter has finally been an updated. It now is identical to the 146.76 transmitter. It has been relocated from New Albany to I-71 & Oakland Park Ave. It can now operate as a backup on 146.76 via remote control. Thanks to Phil, WD8QWR for making the transmitter available to the club. Also thanks to Tom, KC8ASF for modifying the exciter into the ham band. John, W8RXX packaged the transmitter with two UHF Link receivers including auto remote control circuitry. W8RRJ has been busy getting levels from the 4 remote receivers balanced. The next update is for 147.33. By next spring all three VHF transmitters will be the same. (With SPARES!)

176.76 West Receiver Site – Jim, W8MAP

Three blind mice--three blind mice--see how they run! Well, they sure did. There were at least three who had just finished lunch at the 76 West Receive Site when John, W8RXX, Laura, KA8IWB and Jim, W8MAP arrived to do some routine maintenance. Actually they had the site wiring for lunch and a potty break.

The West Site, located in Southeast Logan County was (emphasize WAS) located in an old traffic control box at the bottom of a local farmer's grain bin. That was a great site for these creatures as there was an ample supply of food around at all times. However, these little ones decided that they didn't like Corky, so they created a path of destruction, regardless of the ample food supply.

To keep a long and sad story short, the site equipment, excluding coax and antenna of course, has been moved indoors to the QTH of W8MAP and KN8ITR. There are some definite advantages to doing that. The antenna is now on a dedicated tower with the tip of the antenna at about 1350 feet. Also, the equipment no longer is subjected to all the vibration of the grain bin when it is running and the huge amount of grain dust that is constantly about. In addition, there does not appear to be a mice problem at the new site and there is no charge for electricity to run the equipment.

So, when you are west of Columbus please use 123 HZ. tone and you will probably have a good signal into the 76 repeater. Remember, tone is mandatory to access the West Site.

147.33 Repeater – Joe W8NBA

Well we thought we had it cured. After the 146.97 repeater vacated its spot at WCVO, John W8RXX transferred the transmit antenna cable to the .33 repeater and it was back on the air. Here again, (WAS) is the significant word. After a week or so the transmitter for .33 has quit again and we are now at a loss for what happened.

Almost a year ago, the transmitter went off the air and after a quick diagnosis we found the transmit antenna or cable was shorted and the reflected power caused it to blow fuses. We assumed that the damage was done while tower work was done a few weeks earlier on the broadcast antenna about $\frac{3}{4}$ of the way up the tower. We really couldn't fix CORC's antenna or feedline without going past their antenna transmitting over 5000 watts of power. The decision was made to leave .33 off the air till .97 was moved. Then the decision was then made to update the transmitter before moving it and that would delay the move. Now .97 has been moved and updated and it was thought that .33 could exist until its scheduled update in spring.

Update – As of 1-4-05 the repeater is back on the air again. John went over and replaced a high voltage fuse and it has stayed on since. Hope it stays that way....

e TRAVELIN' TONY'S TIMETABLES

by: Tony Fabro N8RRB
afabro@wowway.com

Happy Holidays to everyone out there reading this article. May this be a safe and enjoyable time for you and yours.

A year ago I wrote an article outlining some ham radio related New Year's resolutions that I had vowed to take, and had challenged the readers to do the same. It's been a crazy year for me so let's see how well I did.

1. **Talk on the radio at least once a week.** Well, I can't say I talked on the radio every week, but I at least listened to it. I did well earlier in the year but not so well later when work got crazy. So this one wasn't fully achieved, but not a loss, either.
2. **Attend at least one of the CORC's potlucks.** Since I am a director of the club, I have an added obligation to attend the club's social functions. However even if I wasn't a director I probably still would attend. I managed to attend all three potlucks so check this one off the list.
3. **Attend at least one hamfest.** I did the minimum for this one and only attended the Voice of Aladdin Columbus Hamfest. Dayton fell on a bad weekend for me, and I missed the Franklin County Hamfest as well. Maybe next year I'll get to more than one, but at least I met this year's goal.
4. **Volunteer for at least one ARES event.** Despite my crazy work schedule, I managed to work three events this year (Arnold Fitness Expo, Sickle Cell Walk, Columbus Marathon). I very much would liked to have volunteered for more, but it just wasn't going to happen. Next year I'll try to best myself and do four events. This goal was met.
5. **Pass a piece of formal traffic.** Since I used to be net manager of our local 2M traffic net I was on the radio passing traffic almost daily. This year I did so early on, but got out of it when I moved, and when work got busy. So the goal was met, but I was not consistent in my attendance of the net.
6. **Promote ham radio by telling at least two people about it.** While I didn't go around and pass out ARRL material telling people about ham radio, I did mention the hobby to several people in conversation and told them what it was all about. These were techie type people who I thought might have an interest in the hobby. And while none of them have pursued the hobby, at least they now have a better understanding of it.

Of the six, I fully completed five of them, and one I at least met half of the requirements. However I could have done more on a few, so there's improvement to be made. How many of these did you complete?

Have a safe day.

Keep it Simplex

By: Wm. Trigg Tabor, K8NIO

Carol and I have turned into part time 'snow birds'. We spend the spring and summer time in Central Ohio and get as many late fall and winter days in Southern Florida as we can. We make the most of the good weather as we can, and this time of the year the weather in southern Florida is simply wonderful.

This year we had decided not to spend my birthday, Thanksgiving or Christmas in Ohio. I wanted to have Thanksgiving dinner on a large boat and I wanted to see the palm trees lighted for Christmas. It has been a great change.

This great deal of driving between Columbus, Orlando and Cape Coral allowed a lot of time for ham radio. I have learned that when I am on the road to monitor the National Simplex 2-meter (146.520 MHz) and 70-cm (446.00 MHz) frequencies. (Most of the activity will be on 2-meters.)

You won't hear all the chatter that you hear on CB Channel 19 but you will get to know some of the hams that are traveling the same highways. I have even shared travel stops and mealtimes with hams that I have just had a fifty-mile conversation with.

Groundhog hibernation bash Info

The CORC Groundhog Hibernation Bash will be held on Sunday February 6, 2005 at the Ohio State School for the Blind, 5220 N. High Street, Columbus, OH 43214.

The best way to get there is to exit I-71 at Morse Rd, go west to High Street. Turn right (North) on High Street. Approx ½ mile north of Morse, across from Pierce Cleaners, turn right (East) up the driveway. Enter from door directly ahead of driveway. Go to the Recreation Hall, the meeting is in basement.

If you get lost, ask for directions on 146.76 Repeater, we will have talk-in operators on hand to help.

Universal Radio - Quality equipment since 1942.

ICOM

IC-208H



- Encode/Decode
- 9600 Ready
- 500 Memories
- Duplexer
- Weather Alert
- DTMF Mems
- FM Narrow Capable
- Three Output Levels
- Detachable Head
- RF Attenuator
- 1750 Hz Tone Burst
- Full Function Mic

The IC-208H 2M/440 dual bander features: detachable control panel, wideband receive, CTCSS decode/encode, PC compatibility and 500 alpha memory channels. Output is 55/15/5 watts on 2 meters and 50/15/5 watts on 440 MHz. The 208H also includes a built-in duplexer, packet port, OPC-600/R separation cable, HM-133 remote hand mic, mobile mounting bracket and spare fuses. **Order #0208 Please Call**

ICOM

IC-756ProIII



The ICOM 756 Pro III offers incremental improvements over the venerable 756 Pro II:

- Improved Third Order Intercept point of +30dBm
- Real time spectrum scope (with mini-scope)
- 60 Meter 5 MHz Band
- Improved 1st filter and BPF for reduced distortion
- Preamp changed to a noiseless feedback type to reduce second order distortion.
- New ITU Morse "Q" symbol
- Programmable SSB transmit bandwidth
- Clock function displays local time and UTC time with time difference indication
- Screen saver function to prolong LCD life and reduce burn-in.

In stock now for under \$3000.00

www.universal-radio.com

Guaranteed lowest prices on the web? Not always. But we do guarantee that you will find our website the most informative.

etón

FR100

The etón FR100 Blackout Buddy is the essential emergency tool for every home. Designed to stay plugged into the wall for continuous charging and to be ready for any emergency, the Blackout Buddy's built-in LED light and AM/FM radio automatically turn



on when the electricity goes out. The rechargeable battery provides enough power for hours of emergency AM/FM radio and light operation: 12-16 hours of LED light use, or 4-8 hours of radio use. The Blackout Buddy also serves as a convenient everyday plug-in clock radio and night light for any room in the home or office. The Super-Bright LED light provides illumination when you need it most and the AM/FM Radio helps you stay in tune with breaking news. The alarm feature wakes you up when you want (with or without power). The illuminated Multi-Function LCD with clock glows a soft blue when plugged in, serving as a night light. The telescopic antenna helps you receive important local radio broadcasts and there is even a headphone jack. Available in metallic silver or pearl white.

Metallic Silver **Order #0994 \$29.95**
Metallic Pearl **Order #0866 \$29.95**

GRUNDIG

YB-400PE



The highly acclaimed Grundig YB400PE is our best selling radio. The value is unbeatable. You get complete coverage of LW, AM and SW plus FM stereo (to ear jack). Enjoy smooth SSB via thumbwheel, backlit 1 kHz LCD, dual bandwidths, keypad entry, 40 memories, scan, search, dual clock timer and more. Comes with AC adapter, ear buds and case. Requires six AA cells (not supplied). Titanium colored. 8"x5"x1.5". This is our best selling shortwave radio.

From to 01/31/05 Universal Radio will include a FREE etón FR100 with your YB-400 PE purchase.

Order #0400 BOTH for only \$129.95

USED GEAR

Visit our website for great used equipment values. Now with photographs of select items. Have a look

Miracle Antenna

DUCKER



The **Miracle Ducker** is a portable QRP antenna tuner that will take rubber, ducks, random wires, coax ... almost anything! Like the original Miracle Whip, this device is designed for QRP (maximum of 25W SSB or 10W CW). As you would guess, the Ducker is a perfect marriage with the Yaesu FT-817. Input is BNC female. Output is PL-259 for direct connection to your radio. It tunes random wires, balanced lines and coax over a wide frequency range. Utilizes a genuine C-VAT transformer. Three year limited manufacturer's warranty. Manufactured and warranted by Miracle Antenna of Canada.

Order #2799 \$129.95

DUCKER IL



The **Miracle Ducker IL** is an InLine QRP and wideband receive antenna tuner that attaches directly to the BNC on your radio! It significantly improves the HF performance of portable wideband receivers and even regular "scanners". It can also be used transceive on newer amateur HTs (with HF rx) to improve shortwave reception. Like the original Miracle

Whip, this device can also be used for QRP (to 25W SSB or 10W CW). I/O is BNC.

Order #3506 \$128.95



universal radio inc.

Universal Radio, Inc.
6830 Americana Pkwy.
Reynoldsburg, OH 43068

◆ 800 431-3939 Orders-Prices

◆ 614 866-4267 Information

→ 614 866-2339 FAX Line

dx@universal-radio.com

Guaranteed lowest prices on the web?
Not always. But we do guarantee that you will find our website the most informative.
www.universal-radio.com

- ✓ With required purchase.
- ◆ Prices & specs. subject to change.
- ◆ Prices shown are after mfg's coupons.
- ◆ Returns subject to a 15% restock fee.
- ◆ Prices and promos valid to 01/31/05.

11th Annual Groundhog Day Bash



February 6, 2005 (Sunday)

6PM EGT (Eastern Groundhog Time)

ANOTHER NEW LOCATION !!!!

Ohio State School For The Blind (See Map)

Bring Covered Dish (With Spoon)

CORC WILL PROVIDE

Soft Drinks

Coffee/Tea

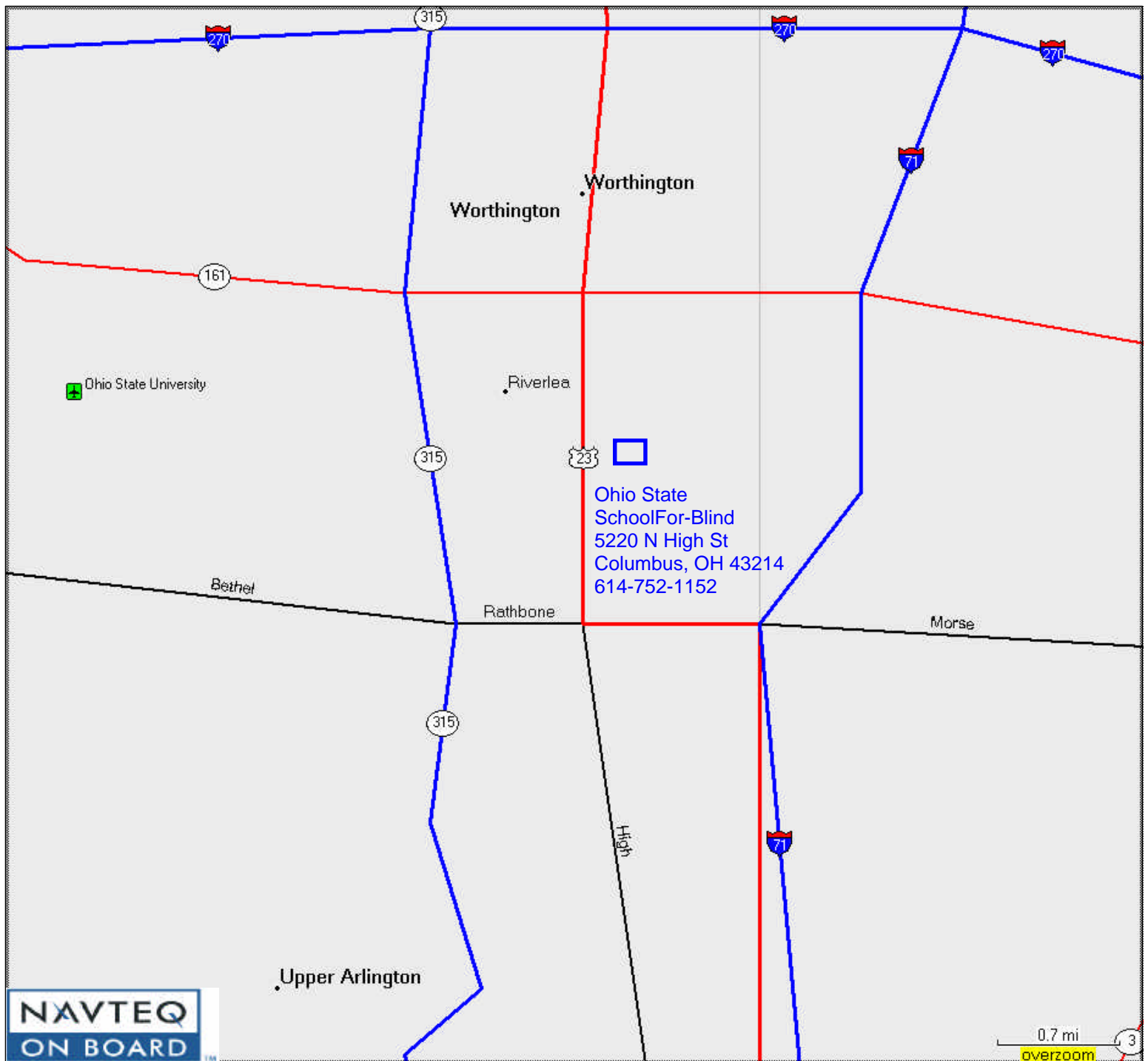
Plastic Ware

Cups, Plates

\$\$50-50 Drawing \$\$

Grabbags and Other Surprises

Put this notice on your
refrigerator as a reminder!



The best way to get there is to exit I-71 at Morse Rd, go west to High Street. Turn right (North) on High Street. Approx ½ mile north of Morse, across from Pierce Cleaners, turn right (East) up the driveway. Enter from door directly ahead of driveway. Go to the Recreation Hall, the meeting is in basement.

If you get lost, ask for directions on 146.76 Repeater, we will have talk-in operators on hand to help.