

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



The Central Ohio Radio Club
January 2006 Newsletter

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

Place Label Here

The Central Ohio Radio Club, Inc.

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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 2006

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W8NBA

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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 190 full pay members and 5 associate members. In addition, there are 35 family members and 10 life members. Since the last newsletter was printed, the following persons have joined CORC.

First I'd like to apologize to Garret Cotter, N8CXI for screwing up first his name and then his call sign in the last newsletter. I guess spell checkers don't fix everything. Other new members include:

Christian Carey	KC8MAV	Gary Harmon	KD8BZF
Frank Juns	K0ICT	Edward Castle	N1WMM
Matt Phillips	KD8CGX	Howard Kolb	KC8CSO
Christopher Cox	KC8FRJ		

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.

Frank Juns	N0ICT	Charles Bushnell	KC8VWM
Tony Pallone	KC8ASF	Rick Nelson	W8PRR
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



Don't forget the Big Groundhog Day Bash. It is on Sunday February 5, 2006 at 6PM. See the enclosed flyer for details. Remember this is at the Genoa Township Hall north of Westerville. A map is on the back of the flyer in this newsletter. Don't miss it!!!

From the CORC Technical Department Staff....

146.76 REPEATER UPDATE

By John Perone, W8RXX

Did you know the following Touch Tone commands are on the 146.76 repeater?

1676 – brings the repeater up without PL being required from the transmitting station... The repeater will automatically go back into PL after 60 seconds of inactivity. This allows someone without 123.0 PL to access the repeater or join into a conversation.

41 – Plays a “repeaterism”... A 5 minute delay between “repeaterisms” is built in... Ask a control operator to turn on if unable to access...

725* - Records 5 seconds of your transmission for testing purposes. This allows you to test to see how well you are into the system...

PLEASE ID “BEFORE & AFTER” USING ANY OF THESE FEATURERS !

147.33 REPEATER UPDATE

By Joe Hahn, W8NBA

The autopatch is now available on the 7.33 repeater. Coverage area of this patch is Columbus and Western Licking County all the way to Newark. It is (*) up and (#) down like the other repeaters. It does not have a separate night access number.

To access numbers in the 614 area code you would dial 614 and your seven digit number. You cannot dial a 1 before the area code, as the repeater will ignore it. For local 740 area code numbers, just dial in the seven-digit number. You might have to experiment a little to see what 740 numbers are local to the repeater controller, which is located in Pataskala. The new repeater call in number is 740-927-4839.

Other refinements are being made to the phone line and repeater. By the way, you can now fax in your membership information changes or newsletter articles by calling 740-927-6701. Both the repeater and the fax machine share the same line using ring identification.

Central Ohio Severe Weather Network

Spring 2006 Advanced Weather Spotter Training

By John Montgomery, N8PVC

This coming spring, the Central Ohio Severe Weather Network and the Ohio State University Meteorology Club are organizing a training seminar for weather spotters as part of the 10th Annual OSU Severe Weather Symposium. The regular symposium will take place on Friday April 7th with the advanced seminar, taking place on Saturday April 8th. Both events will take place at the Fawcett Center on the Ohio State University Campus.

Saturday's seminar will go beyond the normal training that weather spotters receive and will feature some nationally known weather experts such as Charles Doswell. An advanced RADAR interpretation segment will be presented as will talks on storm chasing.

Corporate donations are being sought to keep the admission charge at a minimum. I am proud to report that the Central Ohio Radio Club will be listed as the first corporate sponsor of this event.

Mother Nature continues to demonstrate that weather doesn't stick to our schedule. Severe thunderstorm and tornado watches were posted for central Ohio well after the official severe weather season ended in September. Fortunately most of that weather remained well south of us. Let's not forget the early snow this year. Moderate temperatures prevented huge accumulations. What a bummer.

It's anyone's guess what's in store for us this winter and spring after the southeastern and south-central United States endured a record hurricane season. Many are predicting a wetter winter and more stormy spring.

Be prepared for severe weather in all seasons. Stock your home and car with survival items. Review and practice your severe weather action plan. Attend spotter training at least every other year. Make sure you have a working NOAA Weather Radio at home with a fresh battery that is programmed and turned on.

OOOOPS Items missed in last newsletter...

KD8BDO, Roy Leggett won use of the famous "ROCK BOUND" Rig for one year at the May annual meeting...

K8UHH, William "Bill" Cady won the new Yaesu FT-2800M 2M 65W Mobile two-meter mobile rig CORC gave away at the May annual meeting...

We received a great donation from N8PCJ, Jim Martin this summer of a standby battery for the 147.76 control site. THANKS Jim!

e TRAVELIN' TONY'S TIMETABLES

by: Tony Fabro N8RRB
Secretary and Control Op Coordinator
afabro@wowway.com

On behalf of the Central Ohio Radio Club, and myself, I wish everyone a blessed holiday season and prosperous New Year.

It is interesting to note some of the current debates in the ham world right now: CW vs. no CW, BPL, VoIP, etc. If you look at each of these, they are all linked by the advancement of technology.

Morse Code (CW) was a major advancement in communications when it was invented. It allowed for the transmission of messages from two remote points using a new type of “language”, a series of dits and dahs, which represented written characters. Marconi’s invention of the radio helped propagate this over vast distances via wireless technology. Voice and digital technology have gradually replaced CW as a standard means of communication. However it remains one of the most efficient forms of communication, and one of the best for use in high noise environments.

Broadband over Power Line (BPL) is another new invention. BPL uses existing power lines to transmit internet traffic. Still in its relevant infancy, it has been given a bad rap due to its excessive interference with AM and ham radio. Recent advances in technology have shown some promise in eliminating the interference issue, however the jury is still out with this one.

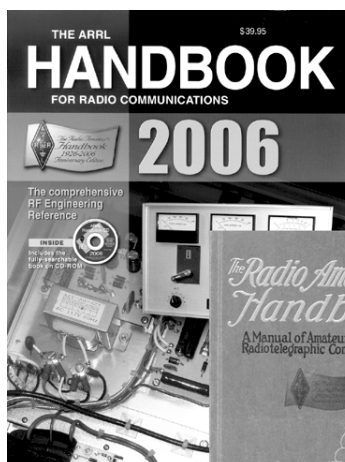
Voice over Internet Protocol (VoIP) is rapidly becoming more and more embraced by commercial users, as well as the ham world. VoIP uses the Internet to transmit voice data between two points. Many phone companies offer service using VoIP technology. While sometimes the audio quality sounds like a bad cell phone call, overall the quality and reliability has been improving. Hams are now linking repeaters via the Internet using VoIP technology.

A common thread heard in debating the new technology versus the old is that the new inventions are ruining ham radio as we know it. Using digital technology is not real radio. If we eliminate CW as a license requirement, we are eliminating a part of ham radio’s heritage. BPL will never eliminate its interference and ruin radio listening. Setting up a repeater and connecting it to the internet using off-the-shelf VoIP is not true ham radio.

While arguments can be made for both sides of these issues, I do not think there are right or wrong answers here. We should embrace new technology. In fact, much new technology is based upon old ideas, which have been modified. However, we also should not forget where we came from as we learn from the past. Just how we remember where we came from is the real issue to debate.

Have a safe day.

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All aspects of ham radio are covered in this massive volume. Nearly two inches thick! Considered the ultimate reference book for the radio amateur hobbyist. Also contains many practical, easy-to-build projects. Includes 2100 tables, figures and charts. Includes chapters on Internet tips for hams, Wi-Fi and wireless PC technology. The Handbook is used by: Radio Amateurs, Electrical/Electronic Technicians and Engineers, Instructors and Students, plus Government and Private Researchers. 30 chapters and over 1200 pages! Softcover. 83rd Edition printed October 2005. ARRL. This edition includes the ARRL Handbook CD (version 10.0). A **FREE**, fully bound reproduction of the first 1926 Handbook will also be included with your 2006 ARRL Handbook order for a limited time. If you have not bought a Handbook in a few years, this is the year to do it!

Special! Order #1423 **\$38.95**

Christmas Holiday Closing:

- ✓ **December 24th Saturday**
Closed all day.
- ✓ **December 26th Monday**
Closed all day.

New Years Holiday Closing

- ✓ **December 31st Saturday**
Open regular hours 10 to 3
- ✓ **January 2nd Monday**
Closed all day.

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Be prepared and aware with the **etón FR300** emergency radio. This affordable portable receiver receives AM (530-1710 kHz), FM 88-108 MHz, VHF TV audio and seven NOAA weather channels. The FR300 operates from a wind-up generator, or 4.5 VDC or 3 AA cells. The generator charges the supplied, replaceable NiMH cells and can even recharge certain cell phones (common cellular power adapters included). Two turns per second for 90 seconds will provide 40 to 60 minutes of operation. There is also a built-in triple LED light with emergency flash. The battery compartment holds the NiMH pack or the 3 optional AA cells.

FR300 Order #0032 **\$49.95**

YAESU



VX-6R

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- 900 Memories
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The **Yaesu VX-6R** is a tri-band (2M, 220 & 440 MHz) HT with extensive receive 504 kHz ~ 998.99 MHz (cellular blocked). Like the VX-7R, it is submersible (JIS7) and extremely rugged. It puts out 5 Watts on 144 and 430 and 1.5 W on 220. With 900 6-digit alpha memories. It features the new "Emergency Automatic ID" (EAI) system, Enhanced Paging and Code Squelch (EPCS), "Wake-Up" battery saver system. Other features include: black magnesium case, 24 hour clock, 900 memories, severe weather alert, and multicolor transmit/receive LED. The Volume and Squelch knobs are oversized and there is an optional submersible speaker mic. 2.3" x 3.5" x 1.1" 9.5 oz. The VX6R comes with: Antenna, FNB-80LI Lithium Ion Battery, NC-72B Battery Charger, Belt Clip and Wrist Strap.

List \$315.95 Order #0666 **\$254.95**



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- Encode/Decode
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- Duplexer
- Weather Alert
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- FM Narrow Capable
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The **ICOM 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. Requires 13.8 VDC at 12 amps.

List \$396.00 Order #0208 **\$289.99**
[Price shown is after \$20 Icom mail-in rebate]



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List \$152.00 Order #0088 **\$118.88**



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11th Annual Groundhog Day Bash



February 5, 2006 (Sunday)
6PM EGT (Eastern Groundhog Time)
Genoa Township Hall (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!

Now that you know about it . . .

Here's how you get there!

