

THE CENTRAL Ohio Radio Club, Inc.

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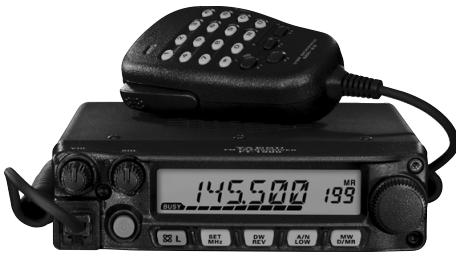
THE CENTRAL Ohio Radio Club
SEPTEMBER 2013 Newsletter



Editor, CORC REPEATER Newsletter
JOE HAHN (W8NBA)
P.O. Box 166
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Universal Radio - Quality equipment since 1942.

YAESU FT-1900R



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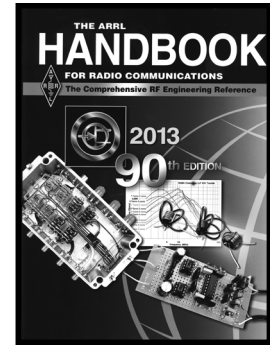
The **Yaesu FT-1900R** provides Yaesu's legendary mechanical toughness in a low-cost, high-performance, 2-meter FM transceiver. It has strong receiver performance, covering 136 to 174 MHz. It has illuminated front panel keys and boasts 221 memories. You get CTCSS and DCS Encoder and Decoder circuits. The FT-1900R is similar to the famous FT-1802M, but adds a *Memory Only* mode and provides 5 more watts. 5.6 x 1.6 x 5.8 inches 2.6 lbs. Rabate to 09/30/13. List \$220.00 Order #1900 **\$169.95** Less \$30 Yaesu rebate **\$139.95** Customer must apply to manufacturer for rebates.

ICOM IC-2300H



- 207 Memories
- Scanning
- Call Channel
- DTMF Mic.
- Tone Scan
- MIL-STD 810 G
- Large LCD Display
- 136-174 MHz Receive
- 65/25/10/5 W Output
- FM Narrow Mode
- Encode/Decode
- Amber, Yel, Grn LCD

The **IC-2300H** 2 meter FM mobile has a large 4-level backlit LCD that may be set to green, yellow or amber. The receiver covers 136-174 MHz and the transmitter delivers 65, 25, 10 or 5 watts. Improved receive IMD helps provide protection from strong signals such as pager signals. With: 207 alpha memories, 3-way priority watch and independently programmable Rx/Tx and tone squelch. There is an FM narrow mode. With HM133V remote mic. 5.51 x 1.6 x 6.4 inches. List \$236.00 Order #5023 **\$199.95**



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The ARRL Handbook is the greatest electronics and communications reference of all time! New topics include amplifier tuning and maintenance, restoring vintage equipment, and remote station design. Over 1250 pages! With CDv17.

2013 Softcover. List \$49.95.

Order #2212 **\$24.98**

UNIVERSAL BUYS RADIOS

Call, email or write and tell us what you have to sell. We can provide a quote, subject to inspection.

QJE PS30SWI



The **QJE PS30SWI** provides 13.8 VDC (adjustable from 9.0 to 15.0 VDC) at 20 amps continuous, 30 amps surge. It features a lighter plug for low current (10A) accessories. Red and black terminals are on the rear panel (30A). The backlit panel meter displays voltage or current. There is a *Noise Off-Set Control* that can be adjusted to eliminate pulse noise from the power supply. It has short-circuit protection, over-current protection and replaceable fuse. It has a quiet fan on the back panel. Output voltage regulation is <2%. Input is 110 VAC. 6 x 2.75 x 8.7" 3.4 lbs. List \$109.95 Order #5582 **\$89.95**

QJE PS30SWV



The **QJE PS30SWV** switching power supply provides 13.8 VDC at 25 amps continuous, 30 amps surge. The output voltage is adjustable from 9 to 15 VDC. It features a front panel lighter plug for low current (10A) accessories. There are also red and black snap terminals on the front panel for very low power accessories (3A). Red and black terminals (30A) and a quiet fan are on the rear panel. The digital panel meter can simultaneously display voltage and current. There is a Noise Off-Set Control that can be adjusted to eliminate pulse noise from the power supply. It has short-circuit, over-current and over-temperature protection, plus a user replaceable fuse (8A). 7.5 x 2.75 x 7.2 inches 5.1 lbs. List \$169.95 Order #4912 **\$109.95**

QJE PS30SWIV

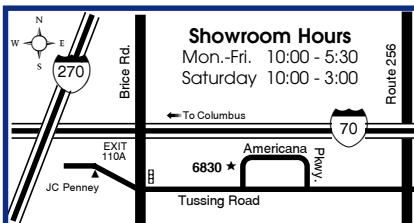


The **QJE PS30SWIV** switching power supply provides 13.8 VDC at 20 amps continuous, 30 amps surge. The output voltage may be selected fixed at 13.8 VDC or adjustable from 9 to 15 VDC. Red and black (30A) terminals are on the rear panel. Low amperage tip jacks are on the front panel. The LCD digital panel meter *simultaneously* displays voltage and current. There is a Noise Off-Set control that can be adjusted to eliminate pulse noise from the power supply. Ripple is less than 100mV p-p at load. Input is 110 VAC. 6.1 x 2.8 x 8.1 inches 3.3 lbs. List \$129.95 Order #5851 **\$99.95**

QJE PS23SWI



The **QJE PS23SWI** switching power supply provides fixed 13.8 VDC at 23 amps. The output voltage may be fine tuned by the user from 13.3 to 14.5 VDC. It features a front panel cigar lighter plug for low current (10A) accessories. This small footprint power supply is very efficient. Red and black 23 amp binding posts are on the rear panel. It has short-circuit protection, over-current protection and a quiet fan on the back panel. Ripple and noise <100mVp-p. Input is 110 VAC 60 Hz. 7.2 x 2.5 x 7.5", 3.5 lbs. List \$110.00 Order #6041 **\$79.95**



Showroom Hours
Mon.-Fri. 10:00 - 5:30
Saturday 10:00 - 3:00

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- ◆ Prices and promos valid to 10/31/13

The Central Ohio Radio Club Newsletter

September 2013

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KA8IWB

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WD8QWR

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N8RRB

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WD8JKX

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W8NBA

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W8RXX

Repeaters

52.94/51.70
/53.70 – 52.70
W8RRJ

146.16 / .76
W8AIC

146.37 / .97
W8RRJ

147.93 / .33
W8NBA
IRLP Node
8094

444.200
449.200
W8AIC

Associated
Repeater

145.49 / 4.89
442.8/447.8
W8CMH

CORC Announces Fall Meeting

The Central Ohio Radio Club is announcing its Fall Pot Luck Meeting on October 6, 2013. It will be held at the Genoa Township Hall at 6PM. Many things have changed over the last few years. Plan on attending and get all the updates.

As usual, I'm sure we will have plenty of good food to enjoy. Please bring a covered dish or dessert to share as well as serving utensils. CORC will provide drinks and plastic tableware. Look for the fridge flyer later in this newsletter for more information and directions. The latest info on this will be on the CORC website at: www.corc.us. Don't miss this fun event. Hope to see you there!

Amateur Testing:

CORC – is sponsoring an ARRL VE test session on Sunday, October 6th at 1:30PM

Location is Genoa township hall just north of Westerville. A map is located elsewhere in this newsletter.

ARRL fee is \$15.00

Here's what you need to bring in addition to the ARRL fee of \$15.00!

Taking your first exam:

- A photo ID like a driver's license or school ID.
- Pen & Pencil for filling out paperwork & answer sheet.
- If you plan to bring a calculator make sure it's not programmable. Also you cannot use a calculator that is built-in to a cell, smart phone, or tablet.
- You might want to register for [FRN](http://www.fcc.gov) (FCC Registration Number) at the FCC ULS website a couple of weeks before taking your exam.

(continued on next page)

Upgrading an existing license:

- A photo ID like a driver's license or school ID.
- Pen & Pencil for filling out paperwork & answer sheet.
- The original and a photocopy of your current license.
- The original and a photocopy of any CSCE's showing credit for elements earned but not reflected on your current license.

Pen & Pencil for filling out paperwork

Modifying or renewing an existing license:

- A photo ID like a driver's license or school I D.

MEMBERSHIP UPDATE

BY JOHN PERONE
WB8RXX

Many thanks to the following who have donated time, talent, extra money or equipment to the club. This is in addition to their dues since the last newsletter printing. This little extra helps keep CORC financially sound.

W8RRJ	W8NBA	WD8QWR	N8RRB	WA8KKK
KB8CIQ	WD8JKX	KC8ASF	W8RXX	N8XE
W8LAD	W8SJQ	KB8UVN	KA8IWB	KROGER

Please welcome the following who have joined CORC since the last newsletter was printed. Thank them for joining when you hear them on the air.

N8RFT	Jim	N8PAT	Terry	KD8TQI	Jack	KC8MQO	Dan
N9AUG	Larry	KB8UVN	Matt	N8VW	Pat	WB8DMX	Gilbert
WA8EYX	James						

Congratulations to the following winners at the June 9th Meeting

K8NIO	Trigg won the 50/50 Drawing
N8XLWL	Chuck, won a Mc Donald's gift card
KI8R	Mike, won a Subway gift card
KA8EMJ	Gary, won a Steak and Shake gift card
"Just" Jonathon	Won a Weather Radio
WD8QWR	Phil, won a weather radio

CORC Presidential News – Fall 2013

The next CORC potluck is Sunday, October 6th at Genoa township Hall. I hope you can make it so I can put a face with a call. It is always fun to have an eyeball with a contact you have made. Invite a non club member to attend as they are always welcomed.

CORC is sponsoring an ARRL VE test session earlier that day at the township hall. See details elsewhere in this newsletter.

I would sincerely like to thank all those who have signed up with their Kroger Plus card to help the club. The last quarter check from Kroger was over \$100.00. If this rate continues, this should exceed \$500.00 a year that Kroger gives back to the club. Remember this cost you nothing more than signing up for the program to help non-profit organizations. For those who have not yet signed up, please go to www.corc.us for easy setup instructions.

You probably have noticed by now the call signs on the 146.76 and 444.200 repeaters have changed to W8AIC. The Central Ohio Radio Club has held the W8AIC call since the 1950's. Here is the history of the calls that have been on 146.76 since its initial start up on 146.34 / 146.76 back in 1970. No, that was not a typo, 34/76 was the frequency back then. The call signs were W8WTB until the late 70's, WR8ABV until the mid 80's, back to W8WTB until 1990, WD8RXX until 1999, then finally W8RXX until last month.

Here is a little history on W8AIC. The club call was issued in 1947. George Cryder, W8LGL (sk) was the original trustee of the call. Around 2000, Phil Carter, WD8QWR became the trustee. The call was used on the CORC digi-peater back in the 80's.

Another item of interest is the W8RRJ 146.97 repeater has a new controller. The old one was installed in 1989. The cost was \$3,108.00. The new one cost roughly a third of that, that's progress. It now has an echo test like 146.76 & the code is the same. (ID first – of course you knew that) We needed to update the controller before failure.

I want to thank all the speakers at the last meeting. They were all very interesting and informative. W8REH, Roy on the tower items, KI8GW, Frank from the ARRL, W8RXX, John with the CORC slide show, and of course W8RRJ, John on the original 146.76 controller equipment demonstration.

I look forward to seeing you on October 6th!

73,
Laura
KA8IWB

147.33 Transmitter Problem

The 147.33 W8NBA repeater recently had a transmitter problem which took it off the air for about a week while parts were obtained. It was repaired by John, W8RXX and Laura KA8IWB and is now back on the air. 147.33 is CORC's IRLP node 8094. For more information on using IRLP and the 147.33 repeater, please consult the information at the club web site at: www.corc.us.

Recent Letters to Corky:

Dear Corky,

How do I get one of those cool "73" stickers I am seeing on the back of cars? I missed the last meeting where they were handed out. T.J., Whitehall



Dear T.J.,

It's easy, just attend the upcoming October 6th meeting & pot luck dinner and ask for one! Every member gets one free and additional are available for purchase. Extras are \$1.00 each or 3 for \$2.00.

Dear Corky,

How can I tell if my fuse on my radio is shorted? D.A., Columbus

Dear D.A.,

First remove the fuse from its holder after removing power. Connect an Ohm meters red lead to the positive end of the fuse and the black lead to the negative end of the fuse. Set your ohm scale to a low setting. A shorted fuse is a good fuse. Hope this helps.

If you have a question for Corky please email to: corky@corc.us

Next Newsletter Mailed to Everyone!

The next issue of the CORC Newsletter will be sent by mail to at least one member of each household. The reason for this is that the clubs by-laws required us to notify you of the Annual Meeting in writing at least 30 days prior to that meeting. Please make sure that if any changes are necessary you notify the Membership Chairman John Perone soon. He can be contacted either by mail at the address on the mailing page of this newsletter or by e-mail at: membership@corc.us or the contact page at the web site. We do appreciate all the savings we receive from those of you that normally get your newsletter by e-mail and hope others will consider that in the future. We now mail only about a third of the newsletter we use to. It does save the club money in mailing and duplicating cost. Thanks again.

Travelin' Tony's Timetables

by: Anthony "Tony" Fabro N8RRB

Thanks to everyone who attended the Voice of Aladdin Columbus Hamfest and stopped by the CORC table. It was great to finally meet some of the hams I've heard on the repeaters over the past several months. With the multitude of ARRL forums going on during the morning, there was certainly something for everyone.

Don't forget the next CORC potluck will be on Sunday October 6 at 6 p.m. at the Genoa Township Hall north of Westerville (see announcement elsewhere in the newsletter). Good food and good times will be enjoyed by all. Come have an eyeball QSO with the hams you speak to on the repeaters.

Speaking of food, the comment, "I'd like to go but aren't sure what food to bring and don't want to free-load off of someone else" has been made to me several times. I see this problem stemming from that a) most hams are male and b) fewer males than females cook. So here are a few easy ideas for the cooking challenged.

If cooking is completely out of the question (and let's face it, we're all not as thrifty as Alton Brown or Bobby Flay), there are several fine establishments which offer home-style food to go such as Boston Market, KFC or Bob Evans. I have been known to bring KFC on a few occasions and the Colonel with his "secret recipe" goes over well. Others have brought pizza and even a White Castle Crave Case of sliders.

For those who can at least make a sandwich, instead of going to Subway and getting a couple subs (yes this is an option that I will admit to doing) you can make your own. Get some hoagie rolls, cold cuts and cheese and make your own finger sandwiches to share. You can make them as simple or elaborate as you want, and probably pay less than if you ordered out.

Crock pot cooking is slightly more advanced but still pretty simple. Just dump a bunch of ingredients in the crock and let it simmer for several hours and you have a meal. The staple at most potlucks is Sloppy Joes. There are hundreds of easy recipes to follow, or if you are challenged you can get premade mixes and just add cooked ground meat. Also very easy is a crock full of baked beans or green beans. Add your own seasonings and people will think you worked hours to make it!

The bottom line is that there are options a plenty for you to choose from, and you don't have to break the food budget or be a world class chef to provide a tasty meal for your fellow hams. I look forward to sampling your culinary confections at the next potluck.

Have a safe day.

CORC Tech Net Returns October 13

The CORC Tech Net will return on Sunday October 13 at 19:30 on the 147.330 repeater. The Tech Net is for the purpose of discussing amateur radio topics on a more technical level. However we try to simplify things so that more can understand the topic. Topics and subject matter experts are wanted! If you have an idea for a net, or if you feel you know enough about a topic to be able to discuss it, send an e-mail to technet@corc.us and we will work it into the rotation. Topics do not have to be about ham radio but should be related in some way.

2013 ARRL Simulated Emergency Test – October 5 & 6

The 2013 ARRL Simulated Emergency Test will take place on October 5 and 6. The Central Ohio Traffic Net (COTN), which meets daily at 1915 on the 146.970 repeater, will be participating in the net. The purpose of the SET is as follows (per the ARRL web page <http://www.arrl.org/chapter-2-simulated-emergency-test-set>):

1. To find out the strengths and weaknesses of ARES, NTS, RACES and other groups in providing emergency communications.
2. To provide a public demonstration--to served agencies such as the American Red Cross, the emergency management agency and through the news media--of the value to the public that Amateur Radio provides, particularly in time of need.
3. To help radio amateurs gain experience in communications using standard procedures and a variety of modes under simulated-emergency conditions.

During the last few weeks leading up to SET weekend, COTN will discuss how net operations differ during SET and how you can participate. Questions regarding SET should be brought up during the regular COTN net.

Ham Radio Licenses at an All-Time High

From FoxNews.com

The newest trend in American communication isn't another smartphone from Apple or Google but one of the elder statesmen of communication: Ham radio licenses are at an all time high, with over 700,000 licenses in the United States, according to the Federal Communications Commission.

Ham radio first took the nation by storm nearly a hundred years ago. Last month the FCC logged 700,314 licenses, with nearly 40,000 new ones in the last five years. Compare that with 2005 when only 662,600 people hammed it up and you'll see why the American Radio Relay League -- the authority on all things ham -- is calling it a "golden age."

"Over the last five years we've had 20-25,000 new hams a year," Allen Pitts, a spokesman for the group, told FoxNews.com.

The unusual slang term -- a "ham" is more properly known as an amateur radio operator -- described a poor operator when the first wireless operators started out in the early 1900s. At that time, government and coastal ships would have to compete with amateurs for signal time, because stations all battled for the same radio wavelength. Frustrated commercial operators called the amateurs "hams" and complained that they jammed up the signal. People like John Pritchett have used the slang term ever since.

"It takes an inquisitive mind that wants the challenge to speak with the rest of the world," Pritchett told FoxNews.com. "I meet a lot of people as a result amateur radio. It's a fascinating experience to meet somebody who you've talked to for years -- when you finally meet them and go, wow, that's you."



19th Annual Welcome Fall Festival

October 6, 2013 (Sunday)

6 PM EDT (Eastern Daylight Time)

Genoa Township Hall (See Map)

Bring a Covered Dish (with Spoon)

Lots of Special Surprises

CORC will Provide:

Soft Drinks

Coffee/Tea

High Quality Plastic Ware

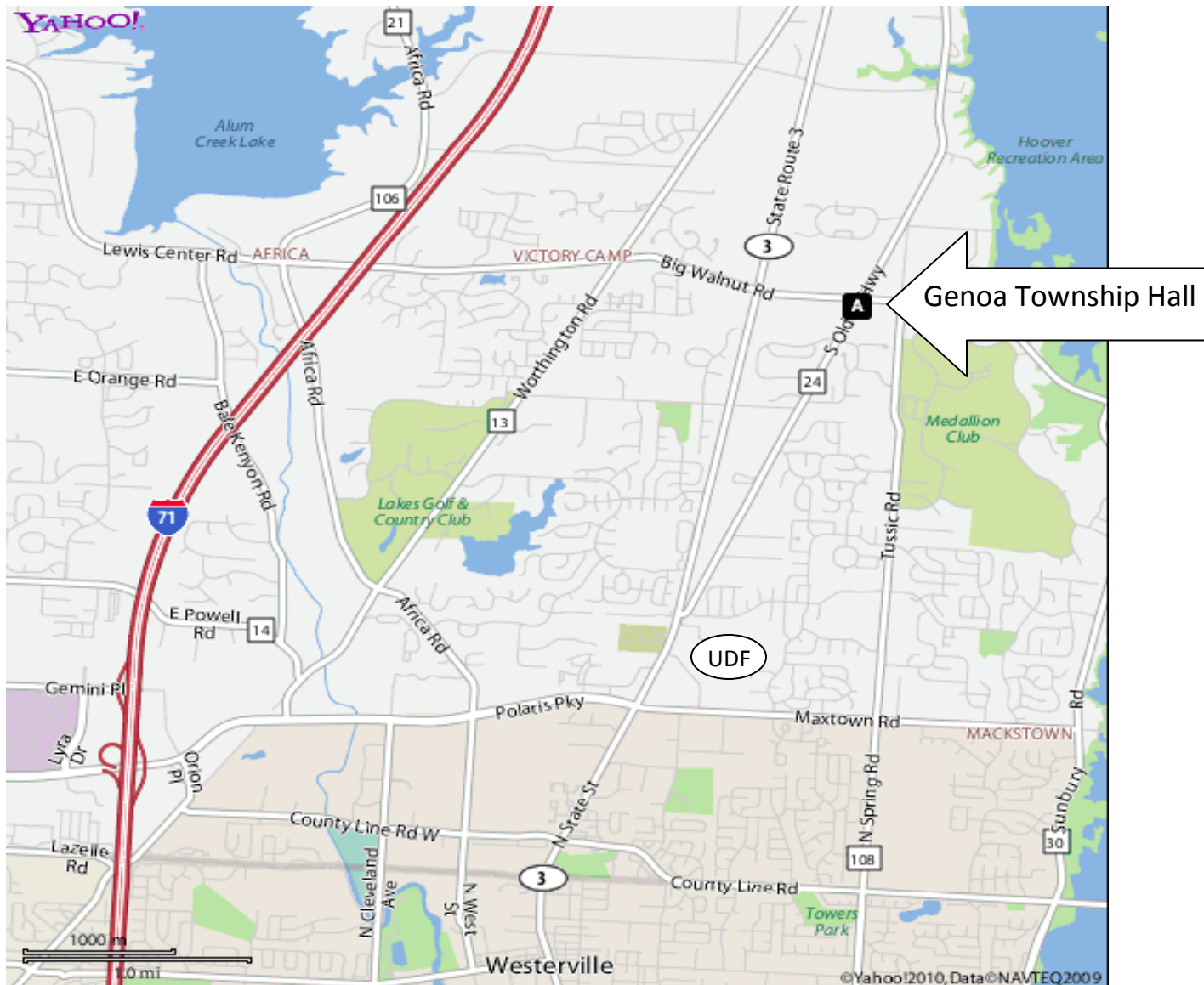
Cups and Plates

Friendly Faces

**Put this notice on your
refrigerator as a reminder!**

And now that you know about it...

Here is how you get there!



From 71 take Polaris Pkwy to State Route 3 and turn on Old 3C Highway and go North to The Genoa Township Hall.

From 270 exit on State Route 3/ Westerville Road and go north to Old 3C Highway.

Genoa Township Hall is on the corner of Big Walnut and Old 3C Highway.