

# The RCARC Beacon

“Uniting The World Through Amateur Radio”

Repeaters sponsored by RCARC on Roosevelt Mtn.  
KE4RX/r 147.015 + (pl 110.9) Roane County ARC  
KE4RX/r 443.975+ (Coming Soon) Roane County ARC  
K4EAJ/r 147.120 + (pl 82.5) Morgan County ARC  
AC4DR/r 224.840 (pl 88.5) David Rogers AC4DR



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## Roane County Amateur Radio Club

Visit the club website at [www.ke4rx.org](http://www.ke4rx.org)

RCARC Meeting : **March 8th, at 7 pm.** Roane County Rescue Sqd in Midtown.

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## Welcome to the RCARC Beacon!!

### Roane County VE Team offers Ham Radio Exams

The Roane County VE Team offers ham Radio Exams on every even numbered month at the Trenton Street Baptist Church in Harriman at 9 am. If you are interested in scheduling a HAM radio exam, get in touch with Jim Dalton K4FPG or Keith Dalton WV4G to make arrangements.

Send E-mail to:

**Jim Dalton :**

[jsdaltonk4fpg@att.net](mailto:jsdaltonk4fpg@att.net)

-Or-

**Keith Dalton:** [wv4g@arrl.net](mailto:wv4g@arrl.net)

The next exam is on **April 14<sup>th</sup>** by appointment.

Good Luck!!.

*It's March already. Winter has been rather mild - but wet. The good news so far is that the antenna for the 440 repeater is up on the tower. The rest of the project is progressing along. All of this is due to the efforts of AC4DR, O'Dave.*

*KE4RX second decade of use! Really! I managed (after calling the FCC to figure out how to get it accomplished) to renew the KE4RX club call sign for its second decade of use. I was not around these parts when it was first issued, but I've been here for about 7 of those years now. The club dates back about as long as K4FPG has been licensed.*

*There have been many changes over the years, and there will be many more changes*

*in the future. When I was first licensed, I asked someone of the repeater in the Atlanta area when those WARC bands happened.*

*The reply was basically that they were always there. My first ARRL Handbook (1966 edition) certainly didn't have them. And, in Tennessee the 160 meter band was rather restricted. From 1800 to 1825 kcs, you could only operate with 200 watts of d.c. plate power during the day and only 50 watts at night. Yes, back then the power limits were expressed as power to the final RF amplifier stage and was always referred to as plate power.*

*Almost everything was hollow state then! Miniaturization meant using*

*those "little" 7 or 9 pin tubes - or maybe the peanut tubes and portable meant that 2 people could pick the units up and put them in the trunk of a car. Now that can hang on your belt and requires a 10x power microscope to work on the rig. Like the old ad says; "You've come a long way, baby."*

*What does the future hold? I really have no clue but it is up to all of us to keep up with progress. We can either lead, follow or get out of the way.*

73's

Cliff KD4GT

## **Repeater News!**

So Far the KE4RX/r on 147.015 PL 110.9 has been performing well and no significant problems have been reported except the interference from a GA. Repeater that has not been able to be resolved through SERA. RCARC is working diligently on a 440 Mhz repeater on 443.975 and Dave Rogers AC4DR has the new crystals ordered so it won't be long.

## **SKYWARN Training at the April RCARC Meeting**

Hello everyone. We have our SKYWARN refresher storm spotter training scheduled for April 12<sup>th</sup> 2012 at the RCARC meeting beginning at 7:00 pm. In the Roane County Rescue Squad Building in Midtown. To learn more about SKYWARN visit [http://www.srh.noaa.gov/mrx/?n=skywarn\\_page](http://www.srh.noaa.gov/mrx/?n=skywarn_page) And <http://www.etskywarn.net/mrx.html> or send an e-mail to Bill Farnham KI4FZT the District 4 SKYWARN manager for Roane, Scott and Morgan Counties [bfarnham@utk.edu](mailto:bfarnham@utk.edu).

## **RCARC Needs You!!**

It takes everyone for RCARC to thrive. Even though we are a small club we still have expenses to cover and our dues are a large part of what pays the bills. Out of our dues we have insurance expenses for our liability at club functions and the repeater equipment. We also pay for the electricity and maintenance on KE4RX/r repeater. Dues are only \$15 / year for licensed amateurs and \$7.50 / year for unlicensed associate members. If your not currently an RCARC member we

invite you to join and be part of our organization. Just drop me an e-mail or visit the RCARC Club website at [www.ke4rx.org](http://www.ke4rx.org) for an application. RCARC is a 501c3 non profit organization.

Jim White

K4APY

RCARC Club Secretary

[k4apy@arrl.net](mailto:k4apy@arrl.net)

## **2012 RCARC Officers**

**President:** Cliff Segar KD4GT  
[kd4gt@arrl.net](mailto:kd4gt@arrl.net)

**Vice President:** Phil Newman  
KE4LSH  
[newhayes@juno.com](mailto:newhayes@juno.com)

**Secretary:** Jim White K4APY  
[k4apy@arrl.net](mailto:k4apy@arrl.net)

**Treasurer:** Kati Segar  
[katisegar@gmail.com](mailto:katisegar@gmail.com)

## **Want to write an article for the Beacon?**

We are always looking for material for "The Beacon" so if you have an idea for an article or even better want to write something , I am sure we can get it to fit in. Just keep it of general interest to HAM radio or Emergency Communications / ARES.

If you have a home brew project you would like to share, that would be a great way to begin!! So, sharpen your pencils and brush up on your typing skills and put your expertise to work helping your fellow hams. If you want to share an article from another publication, please get their permission in writing to reprint first. Send your submissions to the editor at :  
[k4apy@arrl.net](mailto:k4apy@arrl.net)

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**Check out  
The RCARC Website  
[WWW.KE4RX.ORG](http://WWW.KE4RX.ORG)**

## ROANE COUNTY VE INFORMATION

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**The Roane County Amateur Radio ARRL Volunteer Examiner (VE) Testing Team** provides the following information.

First time test candidates need to bring to the test session:

- 1) a photo ID,
- (2) Social Security Number, and
- (3) \$15.00 test fee.

Please bring correct change. Test fees are subject to change as directed by the ARRL.

If you are planning to upgrade to a higher class license, or modify your license in any way, bring:

- (1) a copy of your current license which we are required to send in with the paperwork,
- (2) a photo ID,
- (3) your FRN\* or Social Security Number, and
- (4) \$15.00 test fee.

If you have just passed an Amateur test for the first time, you can normally find your new call sign posted on the ARRL data base at <http://www.arrl.org/advanced-call-sign-search> or the FCC data base at <http://wireless2.fcc.gov/UlsApp/UlsSearch/searchLicense.jsp> by Friday of the week after your test. Once you see your call sign posted, you can legally get on the air on any frequencies assigned to your class of license.

The Roane County Amateur Radio Club meets on the second Thursday of each month in the United Way Conference Room in the Roane County Rescue Squad Building at Midtown at 7:00 PM. We encourage you to join the Club and participate in its activities. Additional Information about the Roane County Amateur Radio Club can be found at: [www.ke4rx.org/](http://www.ke4rx.org/)

The Roane County Amateur Radio Club has a Net each Monday night, except on major national holidays, at 8:00 on the Club's KE4RX repeater. The repeater frequency is 147.015+ with a tone of 110.9. The backup repeater for KE4RX is K4EAJ, 147.120+ with a tone of 82.5.

The second backup repeater is WD4ORB 147.330+ toned at 82.5. The AC4DR/r repeater 224.840+ toned at 88.5, is also available for Amateur use.

The Roane County Amateur Radio Emergency Service (ARES) Net is called each Tuesday evening at 8:00 on K4EAJ 147.120+ repeater with a tone of 82.5, except on the third Tuesday of the month when the monthly meeting is held at 7:00 in the Roane County EOC at Kingston. The backup repeaters for K4EAJ are; KE4RX and if needed WD4ORB.

Amateur radio tests are given on the second Saturday of even months, i.e. Feb, Apr, Jun, etc. by appointment only. A VE testing team member must be contacted prior to the scheduled Saturday or the team will not be at the test location. Applicants should have studied from the current license study guide for the license class they will be tested.

Roane County VE team members are:

Keith Dalton, (Team Leader) WV4G: [wv4g@arrl.net](mailto:wv4g@arrl.net) or [wv4g.keith@gmail.com](mailto:wv4g.keith@gmail.com) Phone: 931-261-4599

Buddy Miles, K4CPF: [jbuddymiles@msn.com](mailto:jbuddymiles@msn.com) Phone: 865-376-7842

David Rogers, AC4DR: [ac4dr@arrl.net](mailto:ac4dr@arrl.net) Phone: 865-435-0159

Mike Winters, AG4OT: [preachermike@comcast.net](mailto:preachermike@comcast.net) Phone: 865-883-9350

Jim Dalton, K4FPG: [k4fpg@arrl.net](mailto:k4fpg@arrl.net) or [jsdaltonk4fpg@att.net](mailto:jsdaltonk4fpg@att.net) Phone: 865-882-2639

Tests are given in the Fellowship Hall at Trenton Street Baptist Church in Harriman at 519 Trenton Street. Coming through downtown Harriman on US 27 (Roane St.) turn East at traffic light # 7, go one block on Queen St., turn left on to Trenton Street, then immediately left into the church parking lot. Signs will direct you to the Fellowship Hall.

\*First time license applicants are allowed to use their Social Security (SS) number on Form 605, however after that, if an applicant needs to modify their license in any way, they must use an FCC Registration Number (FRN). The FRN uniquely identifies an applicant in all future transactions with the FCC, and avoids the need to continually provide a SS number on application forms. You can obtain your individual FRN from the FCC by going to the following FCC website: <https://fjallfoss.fcc.gov/coresWeb/publicHome.do>

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# RCARC Net News!

**The Roane County Amateur Radio Club net is back on 147.015+ pl 110.9** each Monday evening at 8:00 pm except on major holidays (Those where US Mail is not delivered). Join us every Monday evening for a great informal 2 meter net!!

**Net Controller Schedule:**

**First Monday night : Bill White KK4AGX**

**Second Monday Night: David Rogers AC4DR**

**Third Monday Night::Cliff Segar KD4GT**

**Fourth Monday Night: Jim White K4APY**

**Fifth Monday Night and Alternate: Jim Dalton K4FPG**

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**Roane County ARES/DEC nets are every Tuesday on 147.120 pl 82.5 at 8:00 pm** except the third Tuesday which is the monthly meeting at The Roane County EOC , 230 N. 3<sup>rd</sup> Street in Kingston, TN. Roane County ARES welcomes anyone interested in emergency communications and training. Contact Bill Farnham **KI4FZT** for more information on ARES/DEC [bfarnham@utk.edu](mailto:bfarnham@utk.edu) COML (Type III All Hazard Comm Unit Leader)**Division of Emergency Communication Roane County Office of Emergency Services & Homeland Security**

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## March 2012

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
26	27 Mon Night Net 147.015 8:00 PM	28 ARES/DEC Net 147.120 9:00 PM	29	March 1	2	3
4	5 Mon Night Net 147.015 8:00 PM	6 ARES/DEC Net 147.120 9:00 PM	7	8 RCARC Meeting 7:00 pm.	9	10
11	12 Mon Night Net 147.015 8:00 PM	13 ARES/DEC Net 147.120 9:00 PM	14	15	16	17 MTARS Hamfest <a href="http://www.qsl.net/mtars">www.qsl.net/mtars</a> Tullahoma, TN.
18	19 Mon Night Net 147.015 8:00 PM	20 ARES/DEC Meeting @ EOC 7:00 PM	21	22	23	24
25	26 Mon Night Net 147.015 8:00 PM	27 ARES/DEC Net 147.120 9:00 PM	28	29	30	31
April 1	2 Mon Night Net 147.015 8:00 PM	3 ARES/DEC Net 147.120 9:00 PM	4	5	6	7

# ***RCARC February 2012 Meeting***



***Wally K3BHY, Jim K4FPG and Sterling N4VAV  
chatting before the meeting***



***Joe KC5IJD giving an excellent presentation on several old military radios used by the US.***

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## **RCARC Classifieds**

***FREE!!*** Two post rack not four post. You can get shelves for it that extend front and back, but in that case the rack should be bolted to the floor. The price is free, The rack does come apart for transport. It is located in Rockwood. Contact Harry Tirrell W1LQU for more information: E-mail Harry at [harry@tirrell.org](mailto:harry@tirrell.org)

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If you have something to put on the RCARC Classifieds send it and a photo if available via e-mail to Jim [k4apy@arrl.net](mailto:k4apy@arrl.net)

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