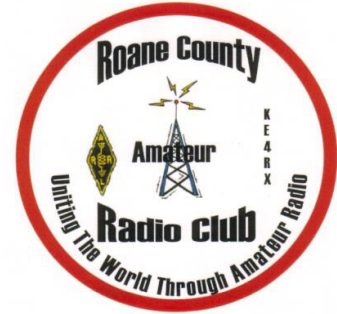


# The RCARC Beacon

“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+ (pl 110.9) 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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June 1st, 2015

## Roane County Amateur Radio Club

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

**RCARC Meeting : June 11th, at 7 pm. Roane County Rescue Sqd in Midtown.**

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## Welcome to the RCARC Beacon!!

### *Hello Everyone*

*It's June and the year is almost half gone. But that also means that Field Day is almost here again. Thanks to K4APY, we again have the pavilion at Fort Southwest Point reserved. We will need to decide on food so come to the meeting on the 11<sup>th</sup> so we can figure that out. Yes, it might seem odd to worry about food more than the radios but I know if there is food, the rest will happen! Mark your calendar for the 27<sup>th</sup> & 28<sup>th</sup>.*

*The repeater is changing also. Both the 443.975 and 147.015 are now active with the Yaesu System Fusion machines. Due to the physical configuration of these, we will be revamping the layout since almost everything is now 19" rack type equipment. We had a few pieces mounted in a short rack but now everything but the 2m duplexers should rack mount. The whole site will be down for a while when we do that change.*

*Our new repeaters only ID in CW. The 2m machine is set to 20 wpm and the 70cm machine is set to 36 wpm. I did that so you can maybe tell which one keyed up if you are scanning or have a dual receive capable radio.*

*There are a couple things you should know about any System Fusion repeaters.*

*First, we are using the internal controller provided on the machines. While it is possible to interface to an external controller, it isn't quite as simple as it seems that it should be. For now, we'll deal with it. HOWEVER, the internal controller has a couple "bugs" in the firmware. (Continued on Page 2)*

### **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:*

**Keith Dalton:** [wv4g.keith@gmail.com](mailto:wv4g.keith@gmail.com)

*What they need is your name, the date you want to take an exam and your phone number for them to be able to contact you.*

*The next exam is on **June 13th** by appointment.  
Good Luck!!*

## Meet the Roane County VE Team!!



(Left to Right) David Rogers AC4DR, Mike Winters AG4OT, Jim Dalton K4FPG, Buddy Miles K4CPF (certified pipe fitter!!) and the VE Team Leader Keith Dalton WV4G. They are always ready to answer any ARRL Testing related questions and to schedule an exam. Exams are offered on the second Saturday of every even numbered month at 9:00 am By Appointment at the Trenton Street Baptist Church in Harriman, TN. E-mail Keith for more information or to schedule your exam. Wv4g.keith@gmail.com

## Continued From The Front Page

KD4CWB has tried things out and is working with Yaesu on these. Read on.

Second, PLEASE – NO Quick Kerchunking! Why? If you very quickly press and release the PTT (less than 200ms), it can potentially lock up in transmit mode until the power is cycled. I really don't want to make the trip up to do the Power On Master Clear.

Third, If you begin to transmit after the (Internal CW ID) starts, but before it finishes, the repeater will stop repeating when the CW ID is complete. The repeater will not reset to normal operation until AFTER all valid signals stop, then the machine will recover and repeat as normal, (Analog Mode of course). We have experienced this already.

Fortunately, there is provision to download and update the firmware – when a new version is released! Japan is working on the problems.

Note that when the 147.120, K4EAJ/r, repeater comes back on-line (I'm cleaning and rebuilding the duplexers), it will also be a System Fusion machine. The above caveats apply. If anyone wants to see the shack, let me know and that can be arranged. K3BHY was there a while back and I hope he enjoyed the tour. Maybe you will, also?

73 de KD4GT  
Cliff

## 2015 RCARC Officers

**President:** Cliff Segar KD4GT  
kd4gt@arrl.net

**Vice President:** Harry Tirrell  
KB4AA htirrell@tirrell.org

**Secretary:** Ed Smith K5QPO  
edosumisu@yahoo.com

**Treasurer:** Jim White K4APY  
k4apy@arrl.net

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

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## Regional Hamfests (Within 100 Miles)

**6/13/15 RACK Hamfest  
Knoxville, TN.**

For more information  
[www.w4bbb.org](http://www.w4bbb.org)

**7/18/15 McMinn County  
ARC's Hamfest, Athens,  
TN.**

[Http://www.mcminnarc.com/  
fest/fest.html](http://www.mcminnarc.com/fest/fest.html)

**Sweetwater Tailgate  
Hamfest (TBA)**

September 2015

**Join The ARRL  
Today!**  
**[www.arrl.org](http://www.arrl.org)**

## ROANE COUNTY VE INFORMATION

**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  
(Between 12pm and 6 pm only)

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>

# 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: Don Coffman KJ4VWE**

**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 147.015 pl 110.9 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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## Important Dates to Remember:

**RCARC Monthly Meeting 6/11/15 ! @ 7:00 pm.**

**2735 Roane State Highway in the Rescue Squad Building**

**Harriman, TN. 37748 Talk In 147.015 pl tone 110.9**

**Be there early and Bring a Friend!**

### RCARC KE4RX

#### Monday Night Net

Both Nets Held @ 20:00 hours 147.015 PL 110.9

6/1/15 NCS KK4AGX  
6/8/15 NCS KJ4VWE  
6/15/15 NCS KD4GT  
6/22/15 NCS K4APY  
6/29/15 NCS K4FPG  
7/6/15 NCS KK4AGX  
7/13/15 NCS KJ4VWE  
7/20/15 NCS KD4GT  
7/27/15 NCS K4APY  
8/3/15 NCS KK4AGX  
8/10/15 NCS KJ4VWE  
8/17/15 NCS KD4GT  
8/24/15 NCS K4APY  
8/31/15 NCS K4FPG

### Roane County N4OES

#### ARES/DEC Net

6/2/15 DEC Net  
6/9/15 DEC Net  
6/16/15 ARES DEC Special Meeting  
6/23/15 DEC Net  
6/30/15 DEC Net  
7/7/15 DEC Net  
7/14/15 DEC Net  
7/21/15 ARES DEC Meeting @ EOC  
7/28/15 DEC Net  
8/4/15 DEC Net  
8/11/15 DEC Net  
8/18/15 ARES DEC Meeting @ EOC  
8/25/15 DEC Net

**June 11th, 2015 RCARC Meeting @ RC Rescue Squad in Midtown!!**

**June 13 2015 Roane County VE Team Test Session by appointment.**

Contact Keith Dalton WV4G [wv4g.keith@gmail.com](mailto:wv4g.keith@gmail.com) to schedule a test!

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***Join RCARC Today!! Learn How on [www.ke4rx.org](http://www.ke4rx.org)***

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*Sterling N4VAV giving the club details of the Jewelry TV donation to the club. (l to r: Sheila Hayes, Cody Anderson KI4FUV, Sterling Edmonds N4VAV, Bill Farnham KI4FZT, Cliff Segar KD4GT) June 2014*



*Club members at the June 2014 RCARC Meeting. (l to r : Richard Rideout KK4UFT, Unknown, Bill White KK4AGX, Tim Joseph WB0MIS, Ed Smith K5QPO, Joe Pinner KC5IJD, Harry Tirrell KB4AA)*



*June 2014 Meeting (l to r) Jim Dalton K4FPG Don Coffman KJ4VWE and Tom Lemons AG4TQ*



*Field Day 2015 (l to r: Saif Tmeizeh N8GG, Harry Tirrell KB4AA, Cliff Segar KD4GT, Keith Dalton WV4G, Ruel Tmeizeh N1GG)*

***Come Join RCARC At Field Day 2015  
June 27, 28<sup>th</sup> at Fort Southwest Point Pavilion  
Kingston TN***

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## **RCARC Classifieds**

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**Field Day Pins :** I'm looking for 2008, 2009, and 2010 Field Day Pins. If anyone has extra they would let go, send me an e-mail. Thanks.

Jim white

K4APY [k4apy@arrl.net](mailto:k4apy@arrl.net)

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**2006 Triumph Bonneville** bought new in 2006. Approximately 4000 miles on it  
Bike is in great shape, never been laid down, runs great.

It does need a bath from sitting in my carport covered up mostly. I have lots of accessories to go with it, including a Corbin seat, extra set of mufflers (if you like noise), factory maintenance manual and some extra books. I love this bike and hate to see it go, but it needs a new home. Going price for this bike is 6 to 7 k. I am asking \$4250 cash.

If you want to see the bike, call me on my cell phone 865 556 0907, **before 6pm.**

Bobby Argo KB4NK [argobe@att.net](mailto:argobe@att.net) for more information on this great looking motorcycle.



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**If anyone has an old R-388(Collins 51J4),** I have found an Air Force "simplified Systematic Maintenance Instructions" set of work cards. Just cleaning house, if any wants them give me a call.  
Harry KB4AA 865-285-9211

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**RCARC has ebroidered club logo patches for sale.** Very Limited Quantity. These are high quality Iron on / Sew On 4" diameter patches. Great for a jacket or shirt. \$4 /each or 3 / \$10. See Harry KB4AA or Jim K4APY . [k4apy@arrl.net](mailto:k4apy@arrl.net) for more information/

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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P.O. Box 1104, Kingston, TN. 37763  
Editor: Jim White [k4apy@arrl.net](mailto:k4apy@arrl.net) [www.ke4rx.org](http://www.ke4rx.org)

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