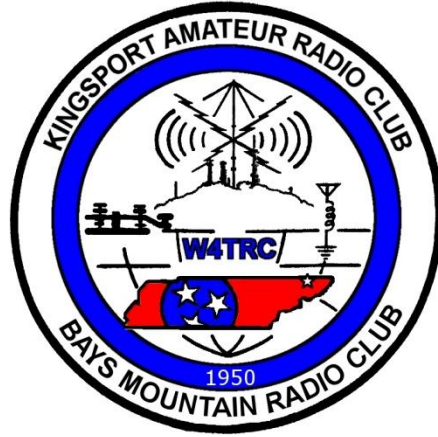


# ZERO BEAT



## JULY 2017

Bob Watts did a magnificent job in providing amateur radio support for the Roan Groan on **June 3**. Bob was very well organized and it was evident in the quality of radio support for this event. He employed hams from two clubs and stationed us at the check points to monitor the professional and amateur cyclist in this event. With four to five hundred participants traveling at speeds of up to fifty miles an hour, this was an absolute exciting event! It was fun too. I could follow the racers by radio as they went through the check points. We could hear if someone had a flat tire or other problem. Even though we were on 2m, you could observe that the propagation was changing. I certainly give applause to Bob and all those that made this event the success it was.

On June 6, four of us met with Dawn Day of the Red Cross to participate in a Disaster Services Overview. We were all impressed with how well organized the Red Cross is. For instance this chapter supports 31 counties. In each county, there are designated shelters, each with a 3 year contract. Our object as ham operators, is to go to each shelter and determine radio communication on simplex and HF. Dawn is in the process of making a schedule of available classes for us to take at our discretion, none of them necessary for our volunteer work. Also, she is pursuing the transfer of amateur radio gear from Knoxville to Kingsport so that we may evaluate its' usefulness.

Field Day has come and gone. WOW!!! With the leadership of Ron Burns and the fabulous support of his team, it was more than FUN!!! There was plenty of story telling and joking with each other. I learned some things I did not know about some of my friends, too. Also, we had 2 stations with opposing antennas and 2 GOTO stations. Even with poor propagation and enormous pileups, you could see the **fine men of our club** sometimes working feverishly to accumulate more than 300 contacts. Dave Stevens had Slow Scan TV and PSK31 on his GOTO station, NEAT! As always, food was **great** and there was plenty of it. Everyone chipped in and brought so many extra snacks and drinks one would think we were at Walmart, ha, ha! **ALSO**, we had the

honor to have Alderman Tom Parham present the club with a proclamation from the City of Kingsport. Tom was given a very nicely framed QSL card from our club as we thanked him for his support for our club and the city of Kingsport. Afterward, Tom joined us for dinner. We had *great support* setting up, operating and *taking down our gear*. I thank everyone heartily that had a part in making this years Field Day a Huge Success!!!

As we want to get more involved in supporting the local community, please note that The Fourth of July Parade is next week. Rick Johnson has already had a dry run to make sure communication is solid between all the hams on the parade route. Typically we meet at 8:30am, become assigned to a Parade Official and leave when the parade has finished. Please support our town through our club at this event. You may call Rick to volunteer at 423.484.4904.

Ken Klotz has prepared a tour of the Pisgah Astronomical Research Institute in July for us. Plan to go with us on July 12 to see this radio telescope and learn too about the total solar eclipse on August 21st. We will carpool. More information at the club meeting. Personally, I have always wanted to do something like this since I was a young boy. Go to [pari.edu](http://pari.edu) for lots of information. If you can't go with us, plan another time to go on your own.

We will be at Maker's Faire in Kingsport again this year on July 22nd from 0900 -1200. Carl Hacker has plans to make this event even better than last year and there may be the addition of PSK-31. Carl has this listed as a Special Event with the ARRL and you will see it listed in the July QST Magazine. Plan to come by and make some contacts and perhaps interest a member of the public in ham radio! See Carl at the meeting if you would like to be a part of this yearly event.

Are you interested in Vintage Radio? Do you have some old equipment that you would like to sell? Would you like to listen to some presentations about older radio technologies? Want to know more about the DXpedition to the South Georgia Island? Three of us attended this event last year and bumped into some giants in this hobby such as Bob Heil, K9EID, of Heil Sound.

Learn more by going to W9DYV's Boatanchor Radio Event: July 22-23.

Details at <http://ce-multiphase.com/brochure-2017.html>



Attendance is high at our breakfasts. Come join us, food is great and the fellowship is even better. If you don't know someone before you come, you will when you leave!

**KARC/BMRC  
Meeting Minutes  
June 8, 2017**

OPENED 19:00 by Larry Dale (KD4FTN)  
Prayer given by John Williams (KJ4ZFK)

**TREASURY REPORT**

David Stevens (WB4DES) 498.00 in checking and 5700.00 in savings..

### SECRETARY REPORT

Rick Johnson(WB4RLJ) no report

### NET REPORT

Russ Richards (KA4RJR) not present. No report

### REPEATER REPORT

Ken Klotz (W4IJK) reported repeater is working well and still working on Echolink .

### ARES REPORT

Walt Baltree (K4YCP) reported that ARES no meeting in June.

### OLD BUSINESS

The place to hold Christmas dinner for the club is Pratts.

### NEW BUSINESS

Help for the 4<sup>TH</sup> of July Parade

Meeting closed by Larry Dale (KD4FTN)

Program on SWR by John Williams

Field Day Planning by Ron Burns

## **THE ZERO BEAT NEWSLETTER**

Published monthly by the Kingsport Amateur Radio Club and Bay's Mountain Radio Club. For more information on the Zero Beat, please contact : Dave Stevens at [WB4DES@gmail.com](mailto:WB4DES@gmail.com)

**W4TRC 146.970 MHz REPEATER INFORMATION:**

Location is on Bays Mountain, Kingsport, TN  
2 Meter repeater: 146.970 MHz, (-) PL Tone, 123.0 Hz.  
440 Repeater: 443.325 Mhz. (+), PL Tone, 123.0 Hz.  
33Cm. Repeater: 927.025 Mhz. (-) PL Tone 123.0 Hz.  
50-watt Packet Station Frequency, 145.050 MHz, and the  
Alias is BaysND.

Sunday Night Informational Net on 146.970 at 8:30 P.M. EST

For More Information on the KARC/BMRC and Amateur Radio,  
Visit our Club Website at [www.w4trc.org](http://www.w4trc.org)

For More Amateur Radio News, Visit the American Radio  
Relay League Website at [www.arrrl.org](http://www.arrrl.org)

## **Kingsport/Bays Mountain Radio Clubs' Officers 2017**

Larry Dale: KD4FTN, KARC/BMRC President,  
George DeVault Jr.: W3KPT, Vice President  
Rickey Johnson: WB4RLJ, KARC Secretary  
Dave Stevens: WB4DES, KARC Treasurer / BMRC Treasurer,  
Secretary Ken Klotz W4IJK Club Repeater License Trustee

Rick Light: KG4WZG, BMRC Vice President Dave Stevens:  
WB4DES, W4TRC Webmaster Web Site: [www.w4trc.org](http://www.w4trc.org)

## **A.R.E.S.**

Walt Baldree, K4YCP, West Sullivan County ARES® Coordinator

## **Net Schedules (as of 1/21/2017)**

Kingsport Amateur Radio Club/Bays Mountain Radio Club weekly two-meter net, Sunday night at 8:30 p.m., on the W4TRC repeater at 146.970 MHz. The net includes ARES® check-ins and an opportunity to sell, buy and/or swap equipment.

The Boone Trail ARES®/RACES Net is held each Monday night at 8:30 pm on the 146.820 MHz KF4VTM repeater. A C4FM digital Fusion net is held on Wednesday evenings at 8pm.

The Carter County Amateur Radio Association (CCARA) repeater is WR4CC on 145.290 MHz, with a tone of 103.5. The club holds a net every Monday evening on their repeater at 8:00 PM.

The Johnson County Net is Monday at 9:00 PM on 145.290 MHz with a 103.5 tone or direct on 146.610 MHz with the same tone (103.5). 6-meter Net every Thursday at 8:30 p.m. The Net is at 53.330 MHz, and the repeater has a tone of 103.5.

Johnson City Amateur Radio Association's Net is held on Tuesdays at 8:00 p.m. on the 146.790 MHz Repeater. Tone is 131.8 with a negative offset. This net is not held on the 3rd Tuesday, the night of the JCARA's monthly meeting.

Bristol Amateur Radio Club's 2 Meter net meets every Tuesday night at 9:00 PM on the 146.070/670 Bristol Repeater.

Mountain Empire Amateur Radio Society's 440-net, Wednesday at 9:00 p.m., on the 443.00 Repeater. Everyone is invited to check in.

Unicoi County Amateur Radio Association's Net, Thursday at 8 pm on 147.270 MHz. Except for the first Thursday of the month which is the Club Meeting.

SKYWARN Net, Thursday at 9:00 p.m., on the 146.700 MHz Repeater.

## Area Amateur Radio Clubs/Organizations Meetings

Bristol Amateur Radio Club meets the first Thursday of each month at 7 pm in the Conference Center at the Bristol Memorial Medical Center. Take exit 74 off Interstate 81 in Tennessee. For more information, email [w4ud@qsl.net](mailto:w4ud@qsl.net)

Carter County Amateur Radio Association meets the first Tuesday of each month at 7 pm at 805 Highway 91, Elizabethton, TN (0.5 miles past the 2nd traffic light on Hwy 91 or 3.5 miles from Hwy 19E on the left side of the highway). For more information go to the Club's web page at <http://www.wr4cc.org>

Johnson City Amateur Radio Association meets the 3rd Tuesday of each month at 7 pm at the Washington Co/Johnson City EMS Training Building 296 Wesley Street Johnson City, TN 37601. Contact JCARA, 240 Hartman Road, Jonesborough, TN, 37659.

Kingsport Amateur Radio Club/Bays Mountain Radio Club meets the second Thursday of each month at 7 pm at the Toy Reid Eastman Employee Center, South Wilcox Drive, Kingsport, TN, unless meeting changes are made due to Eastman related activities. For more information email [w4ijk1@gmail.com](mailto:w4ijk1@gmail.com) .

The Mountain Empire Amateur Radio Society (MEARS) meets the third Thursday of each month at 7 p.m., at Washington County Public Library in Abingdon, VA, with possible exceptions in November and December. For more information, visit their website at [http://www.home.earthlink.net/~mears\\_arrl/](http://www.home.earthlink.net/~mears_arrl/)

Scott County (VA) Amateur Radio Society meets the third Thursday of each month at 7 p.m., at the EOC Building behind and under the Lonesome Pine Regional Library, Gate City, VA. For more information, email Jeff K4LMP at [k4lmp@k4lmp.org](mailto:k4lmp@k4lmp.org)

Unicoi County Amateur Radio Association will be moving the meetings to Maple Grove Restaurant in Unicoi. This change will take place Feb. 5, 2015. The weekly ARES nets will change to Thursday evenings at 8pm as of Thursday December 11, 2014. For more information contact Ken Johnson at [w3gfmkj@gmail.com](mailto:w3gfmkj@gmail.com)

Johnson County Amateur Radio/Ares club meets the second Tuesday of each month at 7 p.m., at the Johnson County Hospital Conference Room. For more information contact Danny Herman at [K4DHT@dannyherman.com](mailto:K4DHT@dannyherman.com)

WX4TN Northeast Tennessee District 7 SKYWARN meets every last Saturday of each month at 7:00 p.m., at the Crossroads Christian Church; [1300 Suncrest Dr.](#); Gray, TN in the Lower Auditorium. [www.skywarn7.org](http://www.skywarn7.org) For more information contact Erik McCord (WX4ET), District Coordinator at [dc7skywarn@gmail.com](mailto:dc7skywarn@gmail.com)