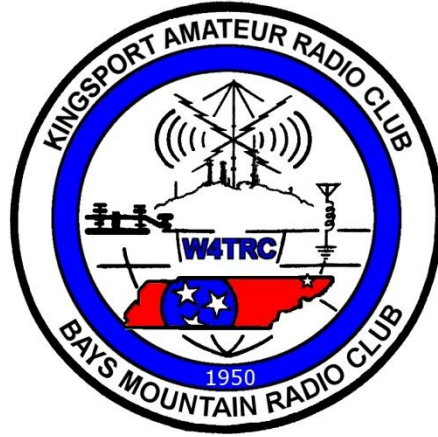


ZERO BEAT



August 2017

2017 Club Picnic, 6:00 PM, Thursday, August 10th

As always, instead of a club meeting in August, we get together at the Eastman Campground, Shelter #9, on Bay's Mountain and enjoy really good food and have great fellowship with each other.

The club will supply hamburgers, hotdogs, paper plates, plastic ware and disposable cups. You are asked to bring covered dishes, condiments, chips, ice water, soft drinks, desserts, etc. Here is your chance to shine in the covered dish and dessert category. My wife is making a "manly" quiche. This is not a light breakfast quiche, although we have it for breakfast. But it is loaded with eggs, cheese and sausage. I will go ahead and say that this dish is a Galactic favorite! So go ahead and bring one of your favorite dishes. We don't all have to eat burgers and dogs.

Have a favorite dessert? Surprise everyone this year with one of your favorites!

Please go to w4trc.org and sign up. There is a link to a form for us all to fill out so we won't have 15 potato salads.

Directions to shelter #9 will be on the w4trc.org web site later this week.

As we all know, Field Day 2017 was a Huge Success!! Despite the problems with propagation, we all had a Great Time, ate well and learned how to improve the event for next year. Here is the document with all the stats. Again, Thank You Ron Burns and All of You that participated to make this an excellent event!!!

KARC-BMRC Field Day Report 2017

Band	CW	Phone	Digital	Total	Percent
80	4	12	0	16	5
40	12	126	1	139	44
20	24	78	8	110	34
15	1	25	0	26	8
10	0	24	0	24	8
2	0	4	0	4	1
Totals	41	269	9	319	100

State	Contacts	Percent
PA	30	9
OH	27	8
VA	25	8
MD	21	7
NY	20	6
MA	15	5
IL	14	4
NC	14	4
IN	12	4
MI	11	3
NJ	11	3
ON	10	3
WV	10	3
CT	9	3
GA	9	3
AL	8	3
TN	7	2
MO	6	2
CA	5	2
FL	5	2
VT	5	2
AR	4	1
KS	4	1
KY	4	1
SC	4	1
AZ	3	1
IA	3	1
LA	3	1
MS	3	1
NH	3	1
TX	3	1
CO	2	1
RI	2	1
WI	2	1
ME	1	0
MN	1	0
NE	1	0
OK	1	0
SD	1	0
Totals	39	100



Operator	Total	Percent
WC9G (Ron)	112	35
KI4AAU (Gulley)	64	20
K4YCP (Walt)	35	11
KJ4ZFK (John)	26	8
WB4RLJ (Rick)	24	8
KM4HDF (George)	19	6
KI4CVU (Tom)	13	4
WX4XW (Jason)	13	4
WB4DES (Dave)	9	3
KD4FTN (Larry)	2	1
KM4MYW (Santo)	1	0
WC5WM (Carl)	1	0

Bob Watts formed a team of amateurs from the Carter County and Kingsport clubs to support the Roan Groan Bicycle Race. The support from both clubs was flawless and encourages us to have more inter-club support of these special events. Applause goes out to Bob and his team for the fantastic support of this yearly event.

The following text and link is from Bob.

This year the Carter County Amateur Radio Association and the Kingsport Ham Radio club joined forces to support the 37th annual Roan Groan bicycle race that runs from downtown Elizabethton along a 55 mile long course ending at the top of Roan Mountain. The hams provided critical “real-time” information to race organizers and participants that was used to track the riders and ensure checkpoint by checkpoint safety updates.

Over 350 professional and amateur riders from around the world competed for prize money and pride to complete this world-class event.

Over 10 members of the Kingsport club participated in the planning and execution of the safety support for this event and together they produced a flawless event.

The following link is the story from the Johnson City Press about the event:

<http://www.johnsoncitypress.com/sports-cycling/2017/05/30/Roan-Groan-set-to-roll-this-Saturday.html?ci=stream&lp=2&p=1>

The support from our club for the 4th of July Parade was also a huge success. All radio communications were on simplex and it worked just fine. We did learn that the receiver section in the same make and model of a radio can be different. My receiver may not be as good as the one in your radio even though we have the same radio.

This may have been the last time we as a club support the parade because next year the City of Kingsport will take on the responsibilities of this 4th of July event. We will have to meet with those that will be over the parade and see if they would like to have our support next year.

Praise goes out to Rick Johnson and his team for their tremendous support of this event!!!

Makers Faire in Kingsport was a real hit this year!!! Carl Hacker and his team had 3 stations and were located on the walkway by the entrance to the auditorium. Our team was friendly and warm as the public stopped to talk with them. I believe we had around 100 people or more stop by: Moms and/or Dads with children, collage students, and even other Hams came by. It was so good to see people stop by and see our team talk about the hobby with enthusiasm. Our hat is off to Carl and his team for supporting this event and giving our club visibility to the community!!!

Would you like to be involved in collecting radio data during the eclipse? Joe Harrison and his club (Carter County) are going to be involved with the Solar Eclipse and you are invited to join them. Just another opportunity to draw our clubs closer together. The following is from Joe's news letter to his club:

Would you like to participate? Help out by getting on the air with the [Solar Eclipse QSO Party](#), a contest-like operating event designed to generate data for studying the eclipse! Other ways to get involved include making [HF Frequency Measurements](#), [recording HF spectra](#), setting up a [Reverse Beacon Network Receiver](#), participating in [VLF/LF receiving experiments](#), and listening to [AM broadcast stations](#). See our [Eclipse Get Involved](#) for more information. The club will be open for anyone who wants to participate in this event. You may contact Joe at 423.518.0144 for more information.

The following 2 links may interest you. The first is on solar power for your radio. The second is a crash course on repeaters.

<https://www.youtube.com/watch?v=8SuvAKZt0Vs>

https://www.youtube.com/watch?v=jmOfkdhJL1U&feature=player_embedded

The following is the secretary report for our July meeting.

KARC/BMRC

MEETING MINUTES

Jul 13, 2017

OPENED 19:00 by Larry Dale (KD4FTN)

Prayer given by John Williams (KJ4ZFK)

TREASURY REPORT

David Stevens (WB4DES) no report.

SECRETARY REPORT

Rick Johnson(WB4RLJ) gave of summery of Jun meeting minutes.

NET REPORT

Russ Richards (KA4RJR) Net coverage is good.

REPEATER REPORT

Larry gave update on repeater maintainers, Himself, Santo

ARES REPORT

Walt Baltree (K4YCP) Aug 7 Hospital Check in

OLD BUSINESS

4th of July parade, Field Day, Roan Groan bike race

NEW BUSINESS

Field Trip in Sept

Meeting closed by Larry Dale (KD4FTN)

Program on Digital Amateur Radio by Dave Stevens (WB4DES)

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

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

For More Amateur Radio News, Visit the American Radio
Relay League Website at www.arrl.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

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

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 .

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/

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

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

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

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 For more information contact Erik McCord (WX4ET), District Coordinator at dc7skywarn@gmail.com