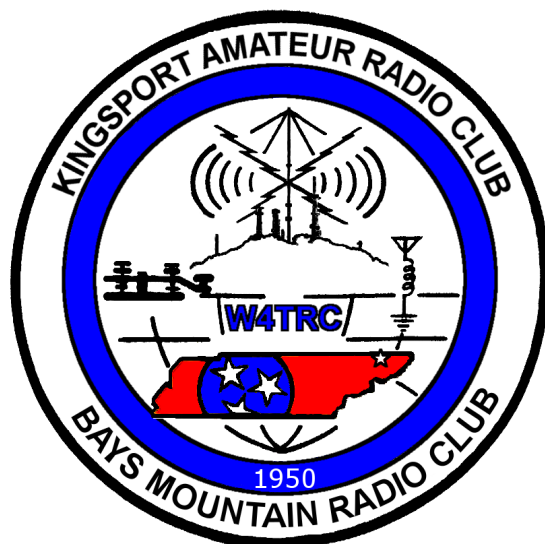


ZERO BEAT



In August, the club had a fantastic turnout as we visited Kintronic Laboratories. Thomas King was kind to us as he gave the club an extensive tour of the entire facility. Basically, if you need a broadcast station anywhere in the world, his company can fabricate the entire station, align and test the majority of the systems and have it constructed on your site. They will even design and build the buildings that will house the transmitters and other equipment. We saw radio equipment and test equipment that his team designed and has brought them many awards. One of the more interesting projects was "The Talking Flame". It looked similar to a Tesla Coil at 60,000 volts, had a plasma arc which was modulated by a transmitter broadcasting music. There were no speakers, the music was loud and clear as the plasma arc created the audio. This was a very interesting trip and we are happy to have such a fine company right in our own back yard!

Ron Burns has offered to maintain the club calendar for us. But you won't just find things about our club there. Things that are interesting for us around the Tri-City area or happenings with other clubs can be found on the calendar. If you would like to have something added, just go to the Membership & Inquiries tab on our website.

With propagation poor and more of us looking at other modes of communication, Ron Burns is holding a class on CW. He and a group of members meet twice a week and will meet for eight weeks. Thank you Ron, for your contributions to our club!

With the impact of hurricanes, earthquakes and an internet company down intermittently in 3 states last Sunday, it makes us aware of how important amateur radio is to us and the community. As you know, The American Red Cross asked the ARRL for help with

communications in Puerto Rico and operators and equipment were sent there for up to three weeks at a time. Unfortunately our club has no plan for communications after a disaster and we need one. Carl Hacker is going to pursue an ARES Plan for Washington County. Our friends in the Carter County Club are having an ARES Field Exercise to see how well they can communicate throughout Carter County on October 7. We definitely need some plans for our club. Look for discussion on this soon.

John Williams and Larry Dale attended the 2 day W4DXCC Convention in Pigeon Forge. It was Great! On Friday they held a Ham Radio BootCamp and discussed "Building your HF Station, Building a 40m Vertical, Making DX QSO's, Digital JT-65 and FT8 and using Remote HF Radio Stations". Saturday the discussions were on DXpeditions, Finding/Eliminating RFI and Contesting. We met representatives from some of the larger Ham Radio Companies and also the ARRL Section Manager for Tennessee. It was a worthwhile trip, we learned a lot and met friendly people. The Johnson City Club had four members in attendance, I am aware of one from the Bristol Club. Hopefully more from the club can attend next year.

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 off 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