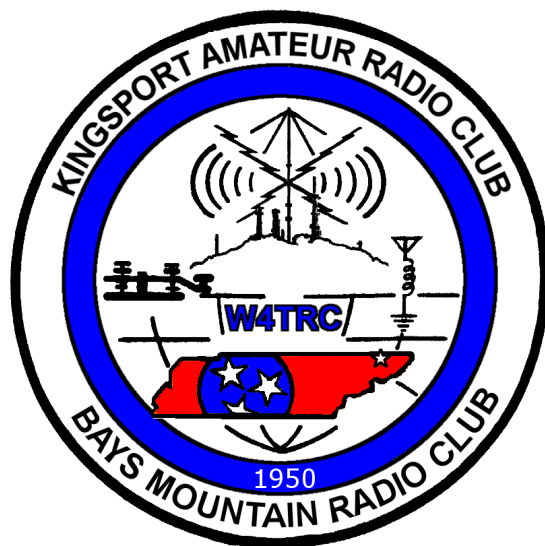


ZERO BEAT



December 2017

Officers for year 2018 are to be elected during the December Club Meeting. Although no nominations were brought before the club in November, any club member is welcome to submit their name for consideration up until the vote held at the December Club Meeting.

The new Constitution and By-Laws document was sent to each club member within the KARC. The plan was to have a discussion about the document at the November Club Meeting and have a vote on it in December. But the involvement from the club was so terrific that further discussion and vote was tabled until next year.

Russ Richard had a meeting to discuss improvements to the Sunday Night Net. Attendance and participation was good and an updated script was sent to all Net Operators. I want to thank Russ and all of the Net Operators for their faithfulness in the success of the Sunday Night Net 52 weeks a year! Please join us at 2030 Sunday on the Club Repeater 146.970, down 600 and a tone of 123 hz.

Ron Burns has been the instructor for an eight session CW Class. I have heard from the attendees that the class presentation was professional, well organized and material was easy to learn. With that being said, 100% of his class graduated! A huge Congratulations to Ron and his class! Thank you Ron, for sponsoring this class.

The November Program was presented by Wayne Swihart on MARS (Military Auxiliary Radio System). Thank you very much, Wayne, for giving us a very good presentation!

Ever hear of NVIS or Near Vertical Incidence Skywave? These antenna systems have been around for years and the military has had occasion to rely on them. Basically, you are on HF and having a conversation with someone in Arizona. What if you want to contact someone closer, say within 400 miles on HF? Well, the purpose of these antennas is to send the signal straight up and be picked up within 400 miles. John Williams has been experimenting with just such an antenna. The other day he had a contact in Pittsburg Pa. on 5 watts with a signal report of 59. He walked his wattage down to 1 watt and still had a good connection. I know, propagation. But there is more to this story and you will have to talk with John to discover it. For more information, follow the link below:

<http://www.qsl.net/wb5ude/nvis/>

The following are the minutes of the last club meeting provided by our secretary Rick Johnson.

MEETING MINUTES

Nov 9, 2017

OPENED 19:00 by Larry Dale (KD4FTN)

Prayer given by John Williams (KJ4ZFK)

TREASURY REPORT

Dave Stevens (WB4DES)

SECRETARY REPORT

Rick Johnson(WB4RLJ) Gave a summery of Oct meeting minutes.

NET REPORT

Russ Richards (KA4RJR) Making changes to Net script, net control meeting TBA

REPEATER REPORT

Ken Klotz (W4IJK) Repeater working good, Digipeater down, George Odom working on Echolink

ARES REPORT

Walt Baldree (K4YCP) Hospital check-in went well.

OLD BUSINESS

Christmas Dinner 14 Dec at Pratts 5:30 - 8:30pm bring gift (\$10 - \$15) Cw Class is great, Constitution and By-laws update.

NEW BUSINESS

Not helping in christmas parade this year.

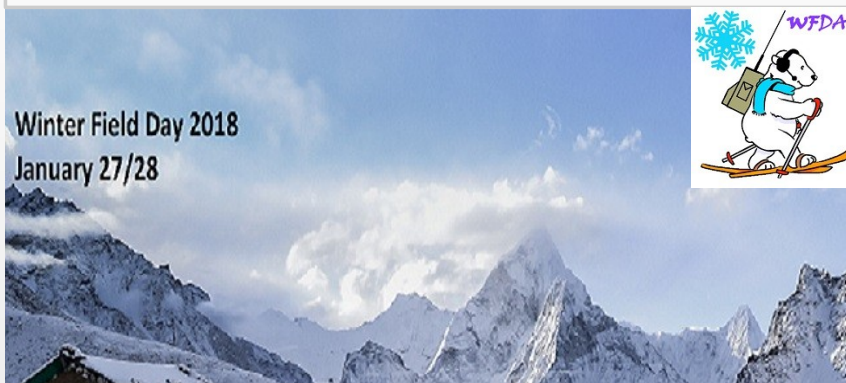
Meeting closed by Larry Dale (KD4FTN)

Program provided by Wayne Swihart on MARS

The Annual Christmas Dinner will be at Pratts Barbecue Restaurant 1225 E. Stone Dr. Kingsport from 1730 till 2015 on December 14. Gifts for the Santa Exchange should be in the \$10 to \$15 price range. We are expecting a large turnout and lots of fun. There will be a very short business meeting and election of officers for next year.

We have been invited to participate in Winter Field Day with the Johnson City Club and Northeast Tennessee District Seven Skywarn. At the September club meeting we voted to join with them in the support of this annual event. Although it is important that each club maintain its uniqueness and personality, its just as important to enjoy close ties with other clubs in the area. That way we can support each other in events that incorporate the Tri-City Area. The dates of the event are January 27, 1400 through January 28, 1400. There will be 4 stations, 2 phone, 1 CW and 1 Digital. It will be held at Pride Park next to Daniel Boone High School, 1440 Sunset Dr. Johnson City. You will pass the Gray Fossil Site Museum on your way to the park. For more information, contact Chuck Short at 865.696.6199 or Patrick Quesinberry at 276.698.6014.

Winter Field Day



When: January 27/28, 2018

Times: Sat 1900 UTC (2pm EST)

Sun 1900 UTC (2pm EST)

Where: WorldWide

WebSite: www.winterfieldday.com

Email: wfda@winterfieldday.com

If you're serious about emergency communications as we are; we welcome you to join us for our yearly event. We are sure you will find this event a pleasant change and challenge to that of a normal summer time field day.

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