

ZERO BEAT



November 2018

Monthly Meeting Minutes

11 OCT 2018

Time 19:00 Hrs.

Meeting Opened- Larry (KD4FTN)

Pledge – Rick (WB4RLJ)

Prayer by- John (KJ4ZFK)

TREASURER'S REPORT – no report because he is out of town.

SECRETARY'S REPORT – Minutes from last month's meeting accepted as published in the September issue of *Zero Beat*.

NET REPORT – Russ (KA4RJR) Sunday net operating well – need NCS's

ARES REPORT –Walt(K4YCP) ARES meeting at HVMC on 25 Oct 6:30 pm Blueridge room. He expressed his gratitude to Russ (KA4RJR) for reporting the weekly ARES check-in numbers in a timely fashion to the ankle-biters up the ARES chain

REPEATER REPORT – Ken (W4IJK) making trip this Sat. to Bays mtn.

WEBSITE REPORT – Larry (KD4FTN) site in good shape.

OLD BUSINESS –no old business

NEW BUSINESS –ARRL audio new report for Sunday night net. Maybe add Tech Tips to net script.

Ron Burns (KI4tn) and Rick Johnson (WB4RLJ) were awarded Ham of the Year by a poll of the membership.

Meeting closed – Larry (KD4FTN)

PROGRAM – Ben Morris (KT4O) Automating your radio station

Reports and Essays

Kingsport Amateur Radio Club/Bays Mountain Amateur Radio Club Special Event Station – National Fire Prevention Week

By: John R. Williams, KJ4ZFK

On Wednesday, October 10, 2018, the KARC/BMARC participated in the National Fire Prevention Week as an Amateur Radio Special Event Station. After having received instructions from the National Coordinator, Steve Masticola, Tom Price organized and directed our club's participation. Provided was a list of Fire Safety Tips of which our operators were to include one as part of the exchange between Special Event Station and the contacts made.

Club members participating were:

KI4CVU, Tom Price, Coordinator
KI4AAU, David Gulley
KJ4ZFK, John Williams
KM4NWH, Neil Weber

Following breakfast at Burger King and after a fairly significant downpour of rain, antenna systems were constructed and actual radio operations began slightly later than noon. All hands participated in erecting antenna systems with the first being an 80 meter dipole established 16 feet above the ground. This club-owned "horse fence" antenna was center-fed and was 120 feet in length. The second antenna was configured as a NVIS development consisting of a center-fed 40 meter dipole that was suspended ten feet above the ground and included a reflector line underneath. It was 70 feet in length. These two HF antennas were placed about 40 yards apart and situated perpendicular to one another. There was not any interference between them, with one operating at 80 watts and the other operating between 5 watts and 20 watts. Subsequently, a "back-packer" J-Pole antenna was established for the VHF station. Also an "EZ Up" shelter was erected to provide cover from the occasional rain shower.

In addition to normally expected batteries and antenna tuners, the transceivers utilized consisted of:

Yaesu FT-857D operating at 80 watts
Yaesu FT-817ND operating at 5 watts
Ten-Tec Argonaut 5 operating at 15 watts
SGC SG2020 operating at 20 watts
Radio Shack HTX242 operating at 60 watts

Contacts were as follows:

W4MKJ	17:08	60 watts	59/59	Mike	Tennessee	146.55
KI4PWN	17:10	60 watts	59/59	Betty	Tennessee	146.55
KN4MUF	17:24	5 watts	59/59	Tom	Alabama	7.178
WX4ET	17:25	60 watts	59/59	Erik	Tennessee	146.97
W1LBV	17:30	5 watts	59/59	Robert	Florida	7.191
AD4VA	17:36	5 watts	59/59	Marvin	Virginia	7.202
W5IFN	17:40	5 watts	59/59	Harold	Oklahoma	7.208
KL1ZA	17:40	60 watts	59/59	Jim	Tennessee	146.55
NE4TN	17:42	60 watts	59/59	Walt	Tennessee	146.55
KC3KZ	17:55	20 watts	59/59	Ed	Maryland	7.224
N3NH	18:03	20 watts	59/59	Al	Pennsylvania	7.224
KC9GER	18:07	20 watts	56/56	Laura	Indiana	7.278
KB1AWM	18:16	15 watts	56/55	Greg	South Carolina	7.232
KM4THH	18:28	60 watts	59/59	Richard	Tennessee	146.55
KU4R	18:43	60 watts	59/59	Bob	Tennessee	146.55
KM4NWH	18:56	60 watts	59/59	Neil	Tennessee	146.70
W4VGI	19:04	60 watts	59/59	Ed	Tennessee	146.55
K2ZGW	19:25	80 watts	59/59	Mario	New Jersey	7.182
WA2TSM	19:25	80 watts	59/59	Scott	West Virginia	7.182
KH6IK	19:26	80 watts	56/57	Bruce	Michigan	7.182
AC8XZ	19:30	80 watts	58/57	Richard	Ohio	7.182

Notes of Interest were:

- (1) There was some confusion concerning the use of the Special Event Station call sign, a situation easily corrected for next year's operation.
- (2) There appeared to be a lack of club membership interest in that no one from the club visited the site. This was such a fun event it is hoped that our membership will not want to miss out next year.
- (3) No member of the Kingsport Fire Department visited the site or expressed interest in our undertaking. The Public Information Officer, Berry Brickey, had an emergency and could not be present, which may account for no visitation from the Fire Department.

The four club members who participated worked very well together and were efficient in their antenna and equipment setups. During this event two older transceivers were tested and determined to be fully operational. This was an extra benefit for Neil Weber who had purchased these two older radios at an estate sale, but had not yet tested them. Eight contacts were made on the NVIS antenna, four contacts on the "horse fence" dipole, and nine contacts on the J-pole antenna.

If you missed this one then you missed a lot of fun!

73 de KJ4ZFK

WX4TN Northeast Tennessee District 7 SKYWARN Weekly Net

SKYWARN® is a National Weather Service (NWS) program developed in the 1960s that consists of trained weather spotters who provide reports of severe and hazardous weather to help meteorologists make life-saving warning decisions.

The net where local spotters gather has changed to a new time and repeater, The net is now called on each Saturday of the month except then a meeting of the group is scheduled (See below) on the K4LNS repeater at 2000 hours local time. The repeater frequency is 147.27 (+) PL 88.0. All weather watchers are encourage to check in. You may wish to monitor this repeater when District 7 is activated by the National Weather Service. For more information contact Eric McCord at dc7skywarn@gmail.com.

For information about the NWS Skywarn program you might begin with:

<https://www.skywarn.org>

73 de WC5WM

THE ZERO BEAT NEWSLETTER

Is 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

Kingsport/Bays Mountain Radio Clubs' Officers 2018

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

Rick Light: KG4WZG, BMRC Vice President Dave Stevens: WB4DES,
W4TRC Webmaster Web Site: www.w4trc.org

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.

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

A.R.E.S.

Walt Baldree, K4YCP, West Sullivan County ARES® Coordinator

Net Schedules (as off 10/23/2018)

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 Thursday evenings at 8:30 pm on 146.820 except for the 3rd Thursday.

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, Saturday at 8:00 p.m., on the 147.270 MHz Repeater with a PL of 88.0. (Note the change in time and 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