

ZERO BEAT



September 2018

Monthly Meeting Minutes

Monthly Meeting Minutes

13 Sep 2018

Time 19:00 Hrs

Meeting Opened- Larry (KD4FTN)

Pledge – Phil (KE4FFO)

Prayer by- Larry(KD4FTN)

TREASURY REPORT – Dave (WB4DES)

SECARTARY REPORT – Minutes from last month’s meeting accepted.

NET REPORT – Rick(WB4RLJ) Sunday net operating well – need NCS’s

ARES REPORT –Walt(K4YCP) Dealing with the badge issue for the hospital Ballard Health.

Repeater report – Ken (W4IJK) Up and running-new cables on order. Will made trip to bays mtn soon.

WEBSITE REPORT – Dave (WB4DES) site in good shape.

OLD BUSINESS –no old business

NEW BUSINESS –Special Event Station-

Fire Prevention Week 10 Oct 2018, Winter Field Day

Meeting closed – Larry (KD4FTN)

PROGRAM – Walt (K4YCP) WSPR

Reports and Essays

Amateur Radio Nets

Because you have a license from the FCC you can use that license to communicate with others with the frequencies, modes, and power levels permitted by the restrictions of your class of license. As there is no longer a requirement to demonstrate that you are proficient communicating using Morse code many recently licensed amateurs begin with conversational prose—talking. Some amateurs began using radios to talk to others with Citizen Band –CB—radios. An amateur radio license extends the opportunities beyond that permitted by CB radio ,but you are still talking. So you must understand how to operate an amateur radio transceiver and the etiquette of amateur radio communications.

A CB radio comes with programmed channels. There is a knob one turns to change channels to manually scan for activity or there may be a button when pushed that does this automatically. When you hear a conversation you listen and perhaps join as you would when meeting folks at a meeting. There is much on the Internet on the protocol and jargon used by folks with CB radios.

For the remainder of the essay for this month, I will assume you have a 2 meter transceiver and have read its manual. When you first removed the radio from its packaging you would observe that unlike a CB transceiver here are no channels (memories) programmed. I further assume you belong to a friendly radio club (FRC) where there are Elmers who will get your radio's memories programmed with both repeater and simplex frequencies used in your area.

Having done so, your Elmer perhaps would go to a memory where the parameters of a repeater she uses regularly are stored, listen, and then give out her call. Someone comes back. Everyone knows Carol! You now have a 2 meter transceiver programmed for use in your area.

Now I get to the subject matter suggested by the title of this essay—
Amateur Radio Nets.

Your FRC very likely operates a weekly net. The frequency and time of the net will be in the FRC's newsletter. Before the net is to begin, you go to the memory channel where that frequency, offset, and tone are programmed and listen. Typically the Net Control Station (NCS) will come on shortly before the scheduled time and announce she will be calling the net in a couple of minutes. At the scheduled time she will begin the net, often following a script. You need only listen and follow her instructions.

The term, *net*, is a shorten expression for *network*, which is in amateur radio a group of amateur radio operators interconnected by their radios. The purpose of a weekly net is to confirm at the least that members of this group can hear and be heard by other members of the network.

For your part, though, you should confirm before the calling of the net that you can hear and be heard on the frequency where the net is being called. A simple way to do this is put out a call for a "signal report." The responding station should let you know such matters as how clear your signal is (the extent of "white noise" on your signal), whether you might increase your power, or, if you are using a handheld radio, to move to another location.

Members of KARC should be familiar with the information in this essay. I and others will expand on this essay about nets in future editions of *Zero Beat* on nets and supporting public service events, reporting weather events, and operating HF nets. I trust others will submit essays and reports of interest to members of the Kingsport Amateur Radio Club. I certainly will be listening and prodding.

73 de WC5WM

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

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 1/03/2018)

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, 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_arrr/

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