



The Blue Ridge *Echo...Echo...Echo*

Official Transmitter of the Blue Ridge Amateur Radio Club - W4YK



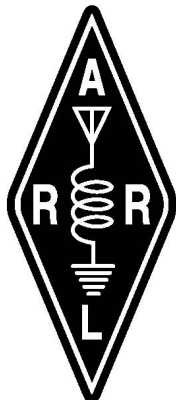
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At the next meeting

- Duke Knief, W4DK, will present a program on aircraft communications.
- There will be the usual 50/50 drawing.
- Refreshments courtesy of Doug, W9SPC



ATOP BEARWALLOW

We all use the repeaters atop Bearwallow, but have you wondered what it's like up there?

Walk up the woodland road at the end of Bearwallow Mountain Road. The trek is pleasant in itself with lots of wildflowers and songbirds. The road soon opens to a wonderful Appalachian high meadow, hundreds of yards across. There's an old fire lookout tower. At more than 4200 feet, the breeze is cool and the view of surrounding mountains, towns and countryside is unob-

structed in all directions. Adding a bucolic touch is a small herd of cattle munching on the grass and softly lowing.



Look past the cows and the scene becomes high-tech. There are several large white dish antennas and oodles of verticals and beams,

each sited near a small hut that houses the RF equipment. One can almost sense the many conversations whizzing back and forth.

To visit, drive up (and up and up) Bearwallow Mtn. Rd., almost to the top. A gate on the right marks the start of the gravel road to the repeaters. The walk up the road is only about a mile, but at that altitude the air is thin, so take it slowly. The photo shows Kathleen (KI4GQZ) and grandson Austin celebrating their ascent.

2004 ARRL Maxim Memorial Award Announced

The Board honored Rebecca Rich, KB0VVT, of Raytown, Missouri, as the recipient of the 2004 ARRL Hiram Percy Maxim Memorial Award.

The Hiram Percy Maxim Memorial Award goes an-

nually to an amateur under age 21 who has contributed in an exemplary manner to both the Amateur Radio community and the local community.

A rising senior at Raytown South High School,

Rich, 17, is president of her school's National Honor Society chapter and maintains a 4.0 grade point average while taking an accelerated course of study.

PREZ SEZ, GEORGE KORPER, K3GK, PRESIDENT

If you have something to add to **YOUR** newsletter, send it to: Dick Smith, K4KQJ, c/o P.O. Box 831, Horse Shoe, NC 28742 Call me at: (828) 687-9531 E-mail me at: <k4kqj@arrl.

Financial Statement for May 2005 - Lil Clark

Balance as of 4/30/05 - \$852.89

Plus: Deposit (5/4/05) - 57.45

Sub-Total - \$910.34

Less: Expenses - 32.22

Balance as of 5/20/05 - \$878.12

Don't Forget:

TESTING SESSION

August 13, 2005

MOUNTAIN HOME FIRE DEPARTMENT

US25 NORTH IN MOUNTAIN HOME.

9:00 AM

Call Carol Mellard for more information.

READ ME! I am about to ask you to spend money. That's right at the next meeting I am going to ask you to spend club money. Are you listening? OK, here is what happened. I loved our field day this year. I want to thank everyone who participated. I am truly in awe of the kind of people we have in this club. Talk about the spirit of volunteerism, we got it. I didn't really do anything, but let each and everyone do their thing and it all came together like magic. Thank you one and all. Now what did I learn? I learned that somewhere deep inside, I have a passion for the hobby. Still, I didn't feel focused. Well, that all changed last week. Dave Anderson (K4SV) invited me to a small dinner



at Rebozzo's Mexican restaurant where the DX zealots meet. You know, one of those many groups around the area that have a tremendous interest and passion for one segment of our hobby. I was impressed and came home all fired up again, and I asked myself where do my passions, somehow dormant, lay buried. This morning it hit me as I watched the sun rise over the tower across the street. It's the sun. Every atom in my body came from there. In your body as well, I might add. As I looked at the sun, I started thinking how powerful and bright it was and I found my passion — solar power. Solar power for ham radio and all the other little toys I have around the house. As I pondered all this I thought what will I do about it? It is the job of the President of the club to lead, or

more precisely give direction. That is what Jeffrey R. Immelt, president of GE did when he announced that GE was making a commitment to solving the world energy crisis, he led. Now I am asking the club and its diverse membership to take the lead. We are the techies of Hendersonville and we need to guide the community when it comes to crucial technological problems and emergency preparedness. The bottom line is I am going to ask for a committee to investigate the setting up of solar panels outside the club to power the W4YK station at its base and on field day, and I am going to ask the membership to back it up with volunteering and treasury funds. Gas is \$2.26/ gal, folks, lets get moving.

GEAR AND GOODIES

Clipperton - L Amplifier including manual. Wired for 220 volts but can be rewired for 110. \$225

Yaesu FT209R HT with case, manual, extra antenna, charger, external speaker. \$100.

Two Cushcraft R-5 vertical antennas 20 - 10 meters, manual. \$125 each.

Two 30' telescoping poles. \$15 each.

Regulated 12 volt power supply. \$25.

Two meter antenna tuner. \$25.

SWR meter. \$15

Two meter vertical antenna. \$15

Gene Robbins: garnc@bellsouth.net, or by telephone at 828-698-3707.

Club Radio For Sale

The club is selling its TEN-TEC HF transceiver. It is a TRITON IV Digital, Model 544. It comes complete with 262G Power Supply, Remote VFO, and Ammeter. The rig is in the radio shack; hook it up and give it a test drive.

Price is \$275.

Contact George Korper.

FOR SALE:

ICOM 144 MHZ ALL MODE 100 WATT TRANSCEIVER. MODEL 271H. EXCELLENT CONDITION. ORIGINAL OWNER. \$500. W5KX, 828 877 3887

CLUB INFORMATION

Dues: Annual dues shall be set by the membership, and can be changed by a majority vote of a quorum. The dues will cover the period from January through December. Dues for additional related members in the same household as a Full or Associate member shall be one-half the ap-

plicable rate. Dues for full-time students of an accredited school will be one-half the regular rate as long as the student status is maintained. New members joining between July and December will pay one-half the applicable rate for membership through the end of the year. This years'

dues are \$20.00 per person; \$7.50 per additional family member. **Please send your renewals to: Lil Clark, 301 Autumn Glen Ct., Brevard, NC 28712**

Meetings: We meet at the Stony Mountain Activity Center at 7:30 pm on the first Tuesday of each month.

MEETING MINUTES

Meeting Minutes of July 5th, 2005

The July meeting came to order promptly at 7:30 p.m. George Korper, K3GK, was the presiding officer. There were 28 persons in attendance, including three visitors. Our first order of business was the Pledge of Allegiance, led by George. After the pledge everyone was seated, and our visitors were asked to introduce themselves. We were happy to welcome Doug, KE5V, Charlie, KD4AJ, and Richard Blanton who is studying hard to get his first ticket.

A discussion of the field day event was then began on the floor. Martin Harris, W4FOT, reported the preliminary accounting of contacts and bonus points amounted in the neighborhood of 2700 points. This number has to be fine tuned, but all in all, it looks like our field day was successful. We were in a new

location at Fletcher, we used three antennas, and we had a good number of operators and loggers turn out. Our weak points were the night operations (not enough operators), and the c.w. operation. We haven't many c.w. operators. Everyone was thankful that the storms that raked the area Monday morning of June 27th didn't come 24 hours earlier.

Michael Parente, AI4GR, recognized those that either logged or operated, and gave each one a 2005 field day pin. A special thanks to all those who performed the logistics of making things come together for the field day. Our Saturday dinner was an excellent one, with most of us eating too much. It seemed as though everyone had a good time at field day.

Announcements:
Members were encouraged to let

their congressional representatives to vote for HR-691. This the Spectrum Act that would guarantee another portion of protected band space for amateurs if any of our allotted spectrum is taken.

WCARS hamfest will be held July 30th in Waynesville, N.C.

The club has a Ten-Tec Triton for sale. Asking price is \$275.00

A sign up sheet was passed around to get volunteers lined up for the Apple Festival Parade in Hendersonville this Labor Day.

Lil Clark, KG4GFP, club treasurer, gave the bottom line of \$653.23 as of club meeting time.

This month's presentation was an interesting one, to say the least. Dave Anderson, K4SV, brought some wire, a soldering station, a

President:

George Korper, K3GK
828-694-3820
k3gk@arrl.net

Vice President:

Gene Mathis, KG4SXE
828-698-2734

Secretary:

Sid Hendricks,
KG4NBN
828-684-8130

Treasurer:

Lil Clark, KG4GFP
828-877-5223
peregrine13@citcom.net

Members-At-Large:

Tim Bennison,
WB4ABW - 828-693-7561
Bennison3@brinet.com

Michael Parente
AI4GR

828-891-8970
Ai4gr@arrl.net

Antennas:

Walt Wernsing,
KO4JN
828-891-9956
walter134@cytechcis.net

Echo/Webpage

Editor:

Carol Mellard, K4YYR
828-891-9670
k4yyr@arrl.net

ARRL Emergency

Coordinator:

Duke Knief, W4DK
828-891-4359
w4dk@arrl.net

Equipment:

Harry Mills, K4HU
828-693-7519

Membership:

Lil Clark—see above

Public Relations:

Dick Smith, K4KQJ
828-687-9531
K4kqj@arrl.net

Trustee:

Steve Smith, KC5F
828-697-6388
kc5f@arrl.net

Minutes, cont'd

bunch of variegated capacitors, a grid dip meter, and a frequency read out meter.

During the day, Dave had formed a coil, and soldered a capacitor in parallel with the coil. At the meeting, Dave found the frequency of the circuit. It measured out at about 7.3 megahertz. What we to do?

Dave gave each one a piece of wire so we could form a coil, go to the table and pick out what we thought was the proper capacitor. Then to the soldering station. Then to the dip meter and the frequency meter.

We were to come as close as possible to the frequency that Dave had chosen by his design. Of course those of us who were new to ham radio kind of looked at one another. Come to think of it, some of the older ones did too.

Everyone took part, and the frequency ranges varied widely. Dave wanted us to stay below 30 megahertz. Some guys were trying to figure the formula, some guys were watching to see what their neighbor did.

After the smoke had cleared, Walt Wersing, KO4JN, was declared the

winner. Walt was within a few kilohertz of the desired frequency. This was a fun, hands on presentation. Thanks, Dave.

Meeting adjourned after the 50-50 drawing.

Respectfully submitted,
Sid Hendricks W4IOE

CLUB PURPOSES

Elmers: We have many "elmers"! An elmer is a knowledgeable amateur radio operator who is willing to help new hams and "students" with questions or procedures and help them to understand more about the hobby.

Purpose: The purpose of this organization shall be to further exchange of information and cooperation be-

tween members, to promote radio knowledge, fraternalism and individual operating efficiency, and to promote and conduct Club programs and activities as to advance the general interest and welfare of amateur radio in the community.

Volunteer Examinations:

Once per quarter, our volunteer examiners will provide an opportunity for YOU to

get your amateur license or upgrade your present status.

NEXT SESSION: May 14.
Call Carol, K4YYR for Details

Classes: We occasionally have classes so YOU can learn how to get your very own amateur radio Technician class license



Email: k4kqj@arrl.net

BRARC on the Web
www.radioclub.org

Blue Ridge Amateur Radio Club



Club Meeting Tuesday
 August 2, 2005



Henderson County ARES
 Training Session
 Thursday, August 18, 2005,
 7:00 pm
 Henderson County EOC



Next club meeting
 September 6, 2005 7:30 pm
 Stony Mountain Activity
 Center



QCWA Chapter 76—
 1st and 3rd Wednes-
 days at Ryan's in Hen-
 dersonville. Noon-ish.

Blue Ridge Amateur Radio Club
 P.O. Box 831
 Horse Shoe, NC 28742

Nets and On-The-Air Activities

<u>Net</u>	<u>Freq / PL</u>	<u>Day/Time</u>
BRARC Net	146.640 MHz/ 91.5	Sunday 8:00 PM
BRARC Rag Chew	28350 kHz	Sunday following 146.640 net
Oasis Shrine Net	145.190 MHz	Sunday 9:00 PM
Mount Pisgah 220 Net	224.260 MHz	Sunday 9:00 PM
Good Morning Net	146.760 MHz	M-W-F 9:00 AM
WCARS Info. Net	146.910 MHz/ 91.5	Monday 8:30 PM
Mount Mitchell 220 Net	224.540 MHz	Monday 9:00 PM
WCARS Simplex Net	147.525 MHz	Tuesday 8:30 PM
Henderson County ARES Net	146.640 MHz / 91.5	Wednesday 9:00 PM
Hit and Bounce Net(CW)	7.042 MHz	Daily 8:30 AM
Buncombe ARES Net	146.910 MHz/ 91.5	Wednesday 9:00 PM
Transylvania ARC Net	147.135 MHz	Thursday 8:00 PM
QCWA Chapter 76	3942 kHz (SSB)	Saturday 9:00 AM
6600 Net	145.190 MHz	Saturday 9:00 PM
K4UUQ Morning Net	7225.5 kHz (SSB)	Mon-Sat 7:00 AM Sunday 8:00 AM
NC Morning Net	3927 kHz (SSB)	Daily 7:45 AM
SATERN Net	14265 kHz	Daily 10:00 AM
Carolinas Slow Net	3695 kHz (CW 5-8 wpm)	Daily 8:00 PM
NC Evening Net	3923 kHz (SSB)	Daily 6:30 PM
Carolinas Net (Early)	3573 kHz (CW 20-22 wpm)	Daily 7:00 PM
Tarheel ARES Net	3923 kHz (SSB)	Daily 7:30 PM
Blue Ridge Traffic (SC)	146.610 MHz	Daily 9:00 PM
Carolinas Net (Late)	3573 kHz (CW 15-18 wpm)	Daily 10:00 PM

Report changes to Dick Smith at 687-9531 or k4kqj@arrl.net!