

New Bern Amateur Radio Club



W4EWN/R

146.610/ 146.010 PL 100 Hz.

444.900 / 449.900 PL 100 Hz.

Volume 27, Issue 5 May, 2004

Website: <http://www.nbarc.org>

Les, N4UPQ, our webmaster, will be updating the site over the next few months, but it is viewable in its new format right now.

May Meeting -- Thursday, May. 6, 2004

6:30 PM at The Berne Restaurant

Program: To be announced (it could be YOU)

Door prize: is another 60 drawer parts bin with good stuff in it, from the estate of Mr. Richard Rodd.

FINANCIAL REPORT

Apr. 01, 2004 ----- Apr. 30, 2004

CHECKING

Balance @ Mar. 31, 2004 \$ 3,540.06

EXPENSES:

04/08	Prog. Enrg.	24.57	
04/12	W2UAS memorial	50.00	
04/19	Sprint	<u>24.12</u>	
	Total		(\$ 98.69)
	Subtotal		\$ 3,441.37

DEPOSITS:

04/02	Dues	<u>\$120.00</u>	
	Total		\$ 120.00

Balance @ Apr. 30, 2004 \$ 3,561.37

SAVINGS:

04/02	Dr. Prz	\$69.00	
	Balance @ Jan.31, 2004	<u>\$ 1,195.08</u>	
	Total		\$ 1,264.08

GRAND TOTAL **\$ 4825.45**

Charlie, K4VC, treas.

DUES STILL DUE

About 16 members are delinquent in payment of 2004 dues, which became payable back in Jan.

Thanks to all who have paid up.

73,
Charlie, K4VC

MEETING MINUTES

1 APRIL 2004

Minutes of the regular monthly meeting which was held on the above date and the meeting was called to order by President Mac Eutsler, **WA0ZGL**, at 6:30pm. Introductions were made from the floor with 42 present. A roster is attached to these minutes.

Dave, **K4DJW**, circulated the tickets for the door prize which was won by Dick Hallberg, **K0UXZ**. Ed Valentine, **W2YPM**, made an announcement concerning the new FM classical music station that was

broadcasting locally. The frequency is 90.1Mhz and the call is **WCPE**. John, **W4SSG**, mentioned that he was having trouble getting in to the **W4EWN** repeater, but that otherwise the repeater was operating normally. Bill Sanford, **K4VHO**, mentioned that the skywarn numbers would be issued shortly, in answer to a member's request for information on the issuance of the numbers.

Bruce Arnold, **N8UTY**, Craven County EC, in his **ARES** report, mentioned that Jones and Pamlico Counties now had ECs, which should greatly improve the emergency communication for this area. He also mentioned that there was interest in another 'fox' hunt, and a date and time was agreed on as 10am, on April 24th, meeting at the Berne Restaurant parking lot. The frequency for the hunt would be announced at that time. Dan, **AG4ZB**, reminded all that Onslow County amateurs would be meeting Tuesday, April 13th. He also mentioned that John Covington, **W4CC**, NC Section Manager, to speak to the group on various topics including the controversial BPL.

Ed Goldberg, **W2UAS**, reminded the group that today is the 40th anniversary of the launching of the first US weather satellite that could record cloud cover over the earth and report it back to the ground. Ed mentioned that he worked with RCA for 41 years and was instrumental in the engineering of that weather satellite.

Ken, **K4KDM**, mentioned that there was interest in beginning another Technician class and that he would have more information on that at a later date. Howard Barrett, **KG4MBD**, announced the books that were available in the club library.

The program on winter radio projects was done by Bill, **K4VHO**, and Ed, **KF4YPM**. Something to think about when it is winter, cold, and can be done easily and reasonably in a garage or a ham shack in out of the weather. **W2HVX**, Bob, reviewed the special events that will be coming up in the next couple of months. Neuse River Day will be June 12th, 7am at Union Point. The meeting was adjourned at 8:15pm.
Ray Hemphill, **W7OPH**, Secretary....

DurHAMfest, Sat., May 29, 2004
<http://www.dfma.org/> **KF4QYY**, 919-596-3738

Antique Radio Show and Sale, Greenville, NC, Sat. 5/15
K4CTG, Phone: 252-752-2264 Email: hschnur@cox.net



Bill, **K4VHO**



Bill, **K4VHO** and Ed, **KF4YPM**

President's Corner

Has anyone noticed? We're approaching Field Day already. My how time flies when we are having fun. Just around the corner and we will be in hurricane season. Are you ready? Got your "get and go" kit put together? Got your batteries charged up? Are they still good? Here is a little trick that may help you get ready. Back in February Andy, **W4ULD**, ran an article in the newsletter titled "**Float Charge for Gel Cells**". A nice little evenings project that I built. It works great and keeps my 7 Ah. Gel cell at 13.6 volts. I added a cover to protect the circuit board. A plastic 35mm canister works nicely for this purpose. Try one. It's a fun project and does a nice job. (pic next page)

RARS SWAP FEST, Williamston, NC, Sat. May 15
<http://www.qsl.net/w4jmd/RARSSwapfest.htm>
K4SER, 792-1368, or **KC4ZMF**, 792-4118



Andy's, **W4ULD**, Float Charger for Gel Cells. Built by **WA0ZGL**. Added 35mm plastic can as the circuit board housing.

PUBLIC SVC EVENTS APPROACHING

With the Women's Shelter 5K Walk/Run scheduled for Saturday, May 15, and Neuse River Day on Saturday, June 12, we need to start getting organized. With only one club meeting preceding each event, signing up and preparing assignments need our early attention.

As mentioned in the April newsletter, we have usually needed about 10 ops for the 5K event and about 20 for NRD, both on land and in boats. The greatest uncertainty is folks anticipating their schedules this far in advance.

To kick off the process, we will have sign-up sheets for both events at the May meeting. If you think you can participate in either or both, signing up at that time to indicate your expected availability will be most helpful. Assignments for May 15 can be given out at the beginning of the event, and assignments for June 12 can be distributed at our June meeting. By then, your schedules can be more certain and last minute changes arranged.

Please don't hesitate to sign up to indicate your interest even if your plans are not certain. I only ask that if you do sign up and then find that you cannot participate, please let me know as early as possible. Even better, if you can offer a replacement, my blood pressure will appreciate it (nice, but not a requirement!).

The organizers of these events have come to rely on our communications to facilitate running their events. We have

served them well in the past, as well as helping ourselves to keep up our batteries and gear and to practice our net procedures.

Thanks in advance, and hope to see you at the May meeting.

73, Bob, **W2HVX**



the 2003 group participating in the Women's Shelter 5K

The ARES Angle

Recently, a meeting was held at the National Weather Service office in Newport to discuss APRS and Skywarn. Weather data equipment, such as that made by Davis, can be readily connected to APRS, providing real-time weather data whenever needed. The benefits to the NWS would be great. Of course, there are times when there is no substitute for a Mark I eyeball, so Skywarn as we know it is not going anywhere. Still, it was an interesting meeting. It seems that the NWS already has all the gear they would need to receive APRS data, except for the software for the computer, and this is readily available.

I have been holding off on APRS operation for a number of years. If the software is not configured just so, and if you don't hold your mouth just so, then you are in for a marathon session of tweaking and twiddling -- or so it looks to this observer. We have used APRS a lot for the MS-150, and it is great when it works, for tracking key vehicles and the like. But I've also watched the APRS gurus tearing their hair trying to keep it working.

After the NWS meeting, I looked around at TNCs and APRS software but I guess I will hold off a while longer. When someone can put a box in my hands and say "hook this up to an antenna and it will do APRS" then I will be ready to get on board. Until then, I'm glad there are others who are willing to pioneer the way.

And for now, that's the ARES Angle.
Bruce Arnold, **N8UTY**
Craven County EC

Book Reports

from the Estate of Mr. Richard Rodd.

To continue with equipment review the May meeting we will show a **TV Marker/ Sweep Generator**. Another home made Heath Kit of vintage 1977. It is made with discrete transistors, no ICs. It has 15 crystal oscillators and one LC circuit for 100 KHz. These are the common marker frequencies as 4.5 - 10.7 - 45. - 67.25 MHz etc.

The sweep oscillator uses a large 60 cycle driven inductor to saturate small ferrite cores used as RF oscillators. Crude but it works some what. The kit instruction manual gives some information on it's use. Item missing is a step attenuator box.

More information on use can be found in a **Reference The Electronic Repair Manual 2** Chapter TTV (Tube TV)

Also, a new addition to the library, from **W8UT**, is an ARRL code practice tape "**Increasing Your Code Speed**, 5 to 10 wpm," three hours of code practice on two 90-min. cassettes, w/booklet.

Ed Valentine Ed, **W2YPM**

FOX HUNT

A fox hunt was held on Saturday, April 24. Fox hunters include Mac, **WA0ZGL**, Al, **W8UT**, Ken, **K4KDM**, and Bob, **W2HVX**. The fox was Bruce, **N8UTY**. We had several hurdles to overcome. At first the signal was not detectable from the start point. This was soon cleared up with the addition of a different antenna. Then, during the hunt, several of the fox hunters got caught up in the infamous "New Bern Triangle." This has been noticed on previous hunts. There seems to be an RF "funnel" that reflects RF energy into the area of New Bern between the Cedar Grove cemetery and the National Cemetery. (Ralph

N4RAB and I got caught in the very same "funnel" a couple of years ago.) Finally, several of the fox hunters caught a whiff of the real thing and converged on Fort Totten Park. Ken, **K4KDM** got the first visual on the transmitter, with Mac, **WA0ZGL** and Bob, **W2HVX** hot on his heels. This was just under 2.5 hours from the start of the hunt.

Congratulations, Ken!



Fox Hunt participants, L-R Mac, **WA0ZGL**, Ken, **K4KDM**, Bob, **W2HVX**, Al, **W8UT**, behind camera.

SWAP SHOP

Many Thanks to Bob Coker, **W2IFX**, for his recent contribution of an almost new oscilloscope to the club. It will be checked out and more details posted when It is be made available to members for purchase this month.

Many Thanks to John Lowther, **W4SSG**, who is donating a Hitachi SuperScan Pro 17" computer monitor and a Toshiba T-1000 laptop computer. He has not checked these out, and they may need work. They will be available for inspection/adoption at the May meeting, donation amounts to the club treasury as felt appropriate by the new owner.

FOR SALE **Yaesu FT411**, 2m HT, w. charger--\$50 (needs new battery)

Nunzio, **W4VYD**, phone 514-4147

FREE STUFF

I would like to help the do it yourself-ers . I have the following wire free if you need some for a project.

Telephone wire 3 pair in white round PVC jacket.

Computer cad wire gray PVC. Some with connectors.

Balanced shielded 100 ohm coax. Size .4 inch dia.

W2YPM, Ed Valentine 637-3161

WANTED: Will buy tubes & parts for use in getting & keeping tube eqpt going. Will help anyone who wants to get tube type equipment working and on the air (I work free, or for junk). Al, **W8UT** anchor@ec.rr.com or 636-0837

W2UAS in memoriam



Ed Goldberg's original license call was **W5BFY**, issued in 1932, QTH Dallas, Texas. An interim call was **W3IZH** issued when he began his 41 year career at RCA in Camden, NJ, and had moved to Haddon Heights, NJ in 1940. **W3IZH** was reissued as **W2UAS** when NJ was redesignated in the W2 Call district. He held a Class A license from 1933 until after WWII when Class A, which enjoyed full privileges, was replaced by the present Advanced Class, and the extra class was reintroduced.

from The New Bern Sun Journal, 4/9/04

NEW BERN -- Edwin Allen Goldberg passed away Tuesday night, April 6, 2004, at Craven Regional Medical Center.

He was born in Dallas, Texas, on September 13, 1916 and earned both his bachelor's and master's degrees from the University of Texas. He lived in Princeton, N.J., and moved to New Bern, NC, after retiring from RCA.

Mr. Goldberg worked for RCA for more than 40 years. Among his many accomplishments, he earned 28 patents, was instrumental in the development of color television and analog computer design, and was Project Manager for Tiros I, the first weather satellite, and Engineering Manager of Communications Satellite Projects.

While living in Fairfield Harbour in New Bern he was been an active member of the New Bern Amateur Radio Club and the Computer Club.

The memorial service will be held at Centenary Methodist Church on Monday, April 12, at 2 p.m. in the afternoon.

Mr. Goldberg is survived by his wife of over 61 years, Katherine; his children, Katherine Harris of Richmond, Va., and Martin Goldberg of Lawrenceville, N.J. He is also survived by four grandchildren, Heather Wright of Richmond, Ky., Tiffany Harris of Urbana, Ill., Steven Goldberg of Lawrenceville, N.J., and Andrew Goldberg of Lawrenceville, N.J. He is also survived by his great granddaughter, Haley Wright of Richmond, Ky.

In lieu of flowers, the family gratefully suggests contributions to the Bridgeton Rescue Squad, P.O. Box 602, Bridgeton, NC 28519 or to the organ fund of the Centenary Methodist Church, P.O. Box 1388, New Bern, NC 28563.

Cast of Characters:

President: Mac Eutsler, WA0ZGL
Vice President: Pete Koonce, KA4SXX
Secretary: Ray Hemphill, W7OPH
Treasurer: Charlie Gould, K4VC
Communications: Bruce Arnold, N8UTY
Trustee: Tommie Phelps, WA4EME
Assistant Secretary: Doug Whitford, KF4YHG
Assistant Treasurer: Ralph Bitely, N4RAB
Program Chairman: The Slithy Tove
Public Service/Photog: Bob Chamberlain, W2HVX
Emergency Communications: Bruce Arnold, N8UTY
Assistant Em. Comm.: Dave Warwick, KB4EBT

Selected Local Nets

Club Net Manager: Billie Morton, KE4YMA
Craven County ARES: 146.61 MHz, 2000 before threatening wx;
monitor during ARES activations
Waterway Radio Cruising Club: 7268 kHz, 0745 daily
Fairfield Harbor Cruising Net, 7224, 0730 M-F
NC Morning Net: 3927 kHz, 0745 daily
Carolina Slow Net (CW): 3715kHz, 1800 (5wpm) daily
Coastal Carolina Emergency Net: 3907 kHz, 1900 daily
Carolinas Net (CW): 3573 kHz, 1900 (25 WPM), 2200 (12-15) WPM
daily
Carteret County ARS/ARES: 145.45 mHz, 1930 Tues./ Emerg Traffic
handling 1st Tues. after 4th Sat., monthly
NBARC Traffic: 146.61 mHz, 2000 Tuesdays
Skywarn: 145.21 mHz, 2100 Tuesdays
ENC Emergency: 146.685 mHz, 2100 Thursdays
ENC Traffic: 146.685 mHz, 2030 daily
NBARC Ragchew: 146.61 mHz, daily, after ENC Traffic closes

The Newsletter Team:

Al Parker, W8UT, Editor
Charlie Gould, K4VC, Data Base/Labels/P.O.mail
Bob Chamberlain, W2HVX, graphics & photography

The NBARC Newsletter is the newsletter of the New Bern Amateur Radio Club, Inc., PO Box 12483 New Bern, NC 28561. NBARC is an affiliated club with the ARRL and ARES. Any inquiries, comments, items for Swap Shop, suggestions, contributions, and letters for inclusion should be sent to the editor, W8UT, at e-mail: anchor@EC.RR.com

New Bern Amateur Radio Club

<http://www.nbarc.org>

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