

# New Bern Amateur Radio Club



**W4EWN/R**

146.610/ 146.010 PL 100 Hz.      444.900 /  
449.900 PL 100 Hz.

**Volume 27, Issue 6 June, 2004**

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

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

## **June Meeting -- Thursday, June 3, 2004**

6:30 PM at The Berne Restaurant

**Program:** To be announced (it could be YOU)

**Door prize:** a nice Kenwood 2 Meter Transceiver.

### **FINANCIAL REPORT**

May 01, 2004 ----- May 31, 2004

#### **CHECKING**

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

#### **EXPENSES:**

05/08      Prog. Enrg.      28.26

04/19      Sprint      24.12

Total      (\$ 52.38)

Subtotal      \$ 3,508.99

#### **DEPOSITS:**

04/02 Dues      \$60.00

Total      \$ 60.00

Balance @ May 31, 2004      \$ 3,561.37

#### **SAVINGS:**

Balance @ Apr. 30, 2004      \$ 1,264.00

05/07 Dr. Prz      \$40.00

Balance @ Apr. 30, 2004      \$ 1,304.00

**GRAND TOTAL**      **\$ 4,872.99**

Charlie, K4VC, treas.

### **DUES -- LAST CALL**

If your dues remain unpaid, the roster will no longer reflect your information, and your access to the mail (newsletter, electronic and snail) will be terminated.

If you are unsure if you have paid your dues, give Charlie a call at 633-3178

### **NEUSE RIVER DAY**

I would appreciate having all NRD participants attend the June meeting to receive their information and suggested assignments. I have tried to follow your preferences and time constraints shown on the sign-up sheet. We will not have another opportunity to get together as a group before the event on Saturday, June 12. We'll need to ensure that all shore stations have access to a UHF HT or other portable rig -- 445.900 simplex.

Come on out, even If you haven't signed up. We can always use more ops for both known and unforeseen jobs.

Sometimes folks who haven't worked these events before just want to come out to see what we do. It's not brain surgery!

This year there will be many more activities -- boat races, vendors, outfitters, and performances. Plenty of activities for the children. So bring your XYLs, OMs, significant others, children, grandchildren, and HTs for a great day.

NRD officials promise no rain this year! See you at the meeting on June 3.

Bob, **W2HVX**

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## MEETING MINUTES

6 May 2004

The regular monthly meeting of the New Bern Amateur Radio Club was held on the above date and the meeting was called to order by Vice President Pete Koonce, **KA4SXX**, at 6:30pm. Introductions were made from the floor with 38 present and a roster is attached.

Bruce Arnold, **N8UTY**, EC for Craven County, mentioned that there is a proposal to possibly initiate a state-wide disaster relief effort and soon may be seeking amateur radio individuals that can deploy to other areas of the state. Also, he mentioned the possibility of having to move the club repeater, since the tower arrangements at the present location are unknown, or in limbo at best. Also shelter antennas and location changes are to be checked. The Fox Hunt was held recently and Ken, **K4KDM** won the fox.

Bob Chamberlain, **W2HVX**, mentioned the forthcoming special events. The Women's Shelter 5k run is going to require at least 10 operators to handle the communications. It will be May 15<sup>th</sup>, and those available will need to be there at 7am. Neuse River Day will be Saturday, June 12<sup>th</sup>, and will require approximately 20 people. Signup sheets were circulated for both events. The simplex frequency will be 146.49, and Bill Sanford, **K4VHO**, will be bringing the communication trailer from the Carteret County ARS club.

Ed Valentine, **W2YPM**, reported on the club repeater. He mentioned that the door on the repeater building needed replacing. The repeater apparently is working fine. He also mentioned that the new FM station 90.1 seems to be working OK, with the majority of the comments reporting no problems with local reception.

Ken, **K4KDM**, said that he and Ralph, **K4RAB**, are planning another technician class and would know more sometime in June. June 26-27 will be field day and Union Point will be the location again this year. Bob Gregory, **WB1CCY**, mentioned that it was just one month ago that Ed Goldberg, **W2UAS**, became a silent key. Mel, **KE4YHQ**, won the door prize and with that, the meeting was adjourned at 7:40pm.

Ray Hemphill, **W7OPH**, Secretary....

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## The ARES Angle

June 1<sup>st</sup> marks the beginning of the 2004 hurricane season, and marks a good time to do our annual ARES registration.

In the past, I have said that all ARES operators who are already registered need not re-register, unless there is a change in their information. This time, I would like for everyone to register again. The reason is that there are a couple of new questions on the registration form.

The new questions are, "I can deploy during an emergency that does not affect Craven County" and "I can deploy during the aftermath of an emergency that does not affect Craven County." The reason for adding these questions springs out of a state-wide ARES meeting that was held in Raleigh this spring. At that time, we established a plan for the deployment of volunteers to disaster areas in the state. In order to do so, all ECs need to have an up-to-date list of folks who are able to deploy.

More is needed for this than just a hand-held radio and an eagerness to help. Certain criteria were established at the meeting. Most important, a volunteer needs to have equipment, batteries, clothing, food, water, and other essentials enough for 3 days of self-sustained operation. This is so that you will not be a burden on the resources of the area where you serve. Many times, there will be food and water available, but it was agreed at the meeting that we would not count on this. The second criterion is that you have to know what you are doing, and that is up to each individual EC to decide. You have to know how to work in a net, how to use tactical call-signs, how to pass traffic, and so forth. If you have any questions about any of this, let me know and we will make sure you are prepared. We are emphasizing the use of tactical call signs in all of our public service events now, for this very reason. If you don't know how to pass traffic, you can check in with

the NTS Traffic Net on the Grifton repeater, every night at 8:30 PM, and folks there will be glad to help you learn.

I will have copies of the registration form at the meeting on June 3<sup>rd</sup>. If you can't attend, call me at 633-9096 and I'll take your information over the phone. If you want to register via email, drop me a note at [n8uty@arrl.net](mailto:n8uty@arrl.net) and I will send the questions to you. And for now, that's the ARES Angle.

Bruce, **N8UTY**  
Craven County EC

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## WOMEN'S SHELTER 5K RUN

Eleven spirited, eager, early-rising radio enthusiasts turned out for this event on a beautiful, sunny morning. That's at 0700 in the morning. Well, maybe not so eager for such an early turnout, but all were ready for action. Especially Charlie, **K4VC**, in his cool new wheels. Ya gotta check out that classy convertible.



The Group of 11

Pete, **KA4SXX**, teamed up with Bambi, the head lady, while Martin, **AC4PW**, got to ride with Bambi's husband in a snazzy pickup "SAG wagon." Tony, **N4WUJ**, covered the ambulance, while Bruce, **N8UTY**, whipped about as a "bicycle mobile," prowling the course at will. Vito, **KB8VCZ**, Jean, **KI4CIH**, Preston, **KF4YNK**, Bill, **K2UFC**, and Charlie, **K4VC** took up fixed posts along the course. Robbie, **KG4MBQ**, managed the bunch as NCS. And since things were running so smoothly, yours truly wandered about with absolutely nothing to do. When there's nothing to do, it's a good day!

### **Lessons revealed:**

1) You never know how you might be of help. Bruce related that he came upon a little girl crying, apparently separated from her group. While

speaking with her, someone she knew came along and took care of the situation. Bruce didn't report the incident over the air, but he was there to take appropriate steps with a radio call, if needed. You never know what can happen in a fluid public event.

2) Not all stations could hear every other station. Bruce reported that he could hear some stations and not others at different times as he moved about. In the simplex mode, differences in antennas, power levels, and location can make communications uncertain. But use of a 4-element beam at the finish line assured that net control could hear everyone and visa-versa. Although relays were sometimes needed, the net was fully tied together. This is the reason why we will use crossbanding on Neuse River Day.

One last word of tribute to our mysterious runner #155, who shall remain unnamed. We did follow him as he progressed, and the camera was ready. Well done, mysterious runner!

Thanks to all for participating. I think our support went well.

Bob, **W2HVX**

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the Mystery Runner

(KR4ZJ)

above 2 pix by W2HVX



Bob, **W2HVX**, and unknown participant

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Part of the field



The Mystery Bicycle Mobile

(N8UTY)

above 3 pix by K2UFC

## SWAP SHOP

**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 w/con.

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

## ==WHITE HOUSE GIVES ARRL DELEGATION ASSURANCES ON BPL INTERFERENCE

ARRL President Jim Haynie, W5JBP, headed an ARRL delegation during a May 20 White House visit to discuss concerns about broadband over power line (BPL). Haynie, ARRL General Counsel Chris Imlay, W3KD, and Chief Technology Officer Paul Rinaldo,

W4RI, met with Richard Russell, the White House associate director for technology in the Office of Science and Technology Policy. The ARRL officials asked the Bush administration to heed its own experts at the National Telecommunications and Information

Administration (NTIA) and back away from its support of BPL in favor of less troublesome technologies. The NTIA's Phase 1 BPL study acknowledged BPL as an interference source. Haynie said the meeting was both revealing and encouraging. for full story see: [www.arrl.org/arrlletter/04/0521/](http://www.arrl.org/arrlletter/04/0521/)

## ==LONGTIME ARRL STAFFER, SSB PIONEER BY GOODMAN, W1DX, SK

Byron H. "By" Goodman, W1DX (ex-W6CAL, W1JPE), of East Hartford, Connecticut, died May 11 after a period of declining health. He was 93. A San Francisco native, Goodman was a member of the ARRL Headquarters staff for more than three decades, most of that time serving as a technical editor. Goodman authored and edited literally hundreds of QST articles and columns as well as other League publications, including The Handbook for Radio Amateurs. Former ARRL colleague and retired ARRL General Manager Dick Baldwin, W1RU (ex-W1IKE), best remembers Goodman for his pioneering efforts in SSB and for technical expertise. First licensed in 1930, Goodman joined the ARRL Headquarters staff a few years later.

"He was a man of many talents," Baldwin said. "He was in the forefront technically--antennas, receivers, single sideband." He said the technical challenge spurred Goodman's strong interest in SSB. Goodman initiated a series of columns about single sideband in QST in 1948--a decade or more before the mode eventually eclipsed AM.

for full story see: [www.arrl.org/arrlletter/04/0521/](http://www.arrl.org/arrlletter/04/0521/)



*Guglielmo Marconi*

*April 25, 1874 to  
July 20, 1937*

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Radio waves were known as 'Hertzian Waves' when Marconi began experimenting in 1894. A few years earlier Heinrich Hertz had produced and detected the waves across his laboratory. Marconi's achievement was to produce and detect the waves over long distances, laying the foundations for what today we know as radio.

The family home was his Italian father's villa near Bologna. His Irish mother often took Guglielmo to visit relatives in England and his formal education suffered. But in Bologna their neighbour, the distinguished physicist Professor Righi, interested the young Guglielmo in electricity generally and the work of Hertz in particular.

Marconi repeated Hertz's experiments in the villa attics. Hertzian waves were produced by sparks in one circuit and detected in another circuit a few metres away. Marconi could soon detect signals over several kilometres and this led him to try and interest the Italian Ministry of Posts and Telegraphs.

He was unsuccessful, but in 1896 his cousin, Henry Jameson-Davis, arranged an introduction to Nyilliam Preece, Engineer-in-Chief of the British Post Office. Encouraging demonstrations in London and on Salisbury Plain followed and in 1897 Marconi obtained a patent and established the Wireless Telegraph and Signal Company Limited, which opened the world's first radio factory at Chelmsford, England in 1898.

Experiments and demonstrations continued. Queen Victoria at Osborne House received bulletins by radio about the health of the Prince of Wales, convalescent on the Royal Yacht off Cowes. In 1901 signals were received across the Atlantic. Broadcasting as we know it was still in the future - the BBC was established in 1922 - but Marconi had achieved his aim of turning Hertz's laboratory demonstration into a practical means of communication and established in Chelmsford the Company which still bears his name.

Sir Neil Cossons, O.B.E.  
Director, Science Museum

Chelmsford, England

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**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: Guglielmo Marconi  
Public Service/Photog: Bob Chamberlain, W2HVX  
Emergency Communications: Bruce Amold, N8UTY  
Assistant Em. Comm.: Dave Warwick, KB4EBT

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**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

**New Bern Amateur Radio Club**

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

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Al Parker, W8UT, Editor  
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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](mailto:anchor@EC.RR.com)