

Editor: Joseph D. Fritz, KD4RWX

CHARLOTTESVILLE (Albemarle County) VIRGINIA

**SILENT KEY****W2BNX****William "Bill" Cowen Uzzell**

Bill (W2BNX) became a Silent Key on February 8, 1995. He was born in Brooklyn, New York, on January 14, 1910. His wife, Dorothea "Tommie" Uzzell; daughter, Laura Logie; and son, Lawrence Uzzell, survive him. Bill was retired from Sperry Marine (Great Neck, NY) where he was an electronics technician.

Bill was first licensed in 1928 as 2AFU and later held the call 2ML. He became W2BNX and then obtained W2ML as a second call. When the FCC decreed only "one call to a customer," Bill gave up W2ML for his W2BNX. He was very active on VHF with the Lake Success Radio Club (Sperry Long Island.) The QCWA awarded him a 65-year continuously-licensed certificate several years ago.

Bill was an Honorary Member of the Albemarle Amateur Radio Club.

**MARCH CLUB MEETING****TUESDAY MARCH 14, 1995 7:30 PM****Bob Pattison, KM4DU****Topic: ARRL**

National Radio Astronomy Observatory Auditorium On the Grounds of the University of Virginia

**HELP WANTED**

NO NEWSLETTER EXPERIENCE REQUIRED- I had none.

**Salary:** double the current Editor's pay.....\$0.00

**Benefits:** The power of being the press.

**Advancement Opportunities:** Who knows-the Editor's job might come open and I can almost guarantee they will select you to fill the position.

The possibility of my not being available to prepare the monthly newsletter always exists. Computer breakdown, illness of myself, or having to leave town for an emergency. The latter is currently the more likely possibility. In such cases, the preparation of the newsletter needs to be done anyway.

I would like to find someone who would like to learn the procedures which are required to produce and deliver the newsletter each month, and who would volunteer to prepare for that possibility. The individual should have access to a **computer (any type will do) with a good word processor program**. A laser or ink jet printer would be nice, but a dot matrix printer will suffice. **Access to packet is very helpful**, but submitted articles can be sent to you on diskette. This saves a lot of typing on the part of the editor.

The person would probably set up a basic structure file: (Heading, Pagination, and usual sections) as a basic preparation for doing the newsletter on your computer system. I will provide a **full orientation** of all aspects of the process and will attempt to find additional persons to assist in those processes which are time consuming- like folding, putting on mailing labels, and sealing. While I do most steps in the process (other than copying and the writing of most articles), I would not suggest this substitute person do all of them.

If interested, give me a call. 804 973-1738

Editor, Joe (KD4RWX)

**AARC BULLETIN****MARCH 1995****CONTENTS**

|                              |   |
|------------------------------|---|
| Silent Key Notice.....       | 1 |
| March Meeting Notice.....    | 1 |
| HELP WANTED.....             | 1 |
| The President Speaks.....    | 2 |
| Veep's Corner.....           | 2 |
| Another Reason.....          | 2 |
| T-HUNT.RESULTS.....          | 2 |
| Public Service Schedule..... | 3 |
| BITS AND PIECES.....         | 3 |
| Check This Out .....         | 3 |
| Club Business.....           | 4 |
| Emergency Preparedness       |   |
| TalkOutline.....             | 4 |
| Virginia VE Exam Info.....   | 5 |
| Over the Hill.....           | 5 |
| SALE & WANT Items.....       | 6 |
| Treasurer's Report.....      | 7 |
| Calendar.....                | 7 |

**COMING EVENTS IN APRIL**

## THE PRESIDENT SPEAKS

Spring is right around the corner as well as clip board season. For all those that have never done a public service event, now is the time to sign-up. If you are nervous or unsure of yourself, team up with an amateur that has done public service before and learn from them. There are many wonderful aspects of doing public service events. You learn how a controlled net works, you get practice at passing traffic, you get to be where the action is, and you generally know more about what is going on at the event than anyone else. If you are interested in doing public service events this year, give Hein N4FWA a call.

Bob WA2MFI spearheaded a QRP kit building program this Winter. Many of these kits are finished and making QRP contacts. It is great to hear the Friday night Ad-Hoc net that has discussed the assembly of these kits. I hope that this net continues and tells us stories of all the DX that they have worked using their QRP rigs. I have heard several people say that they wish that they could have bought and built a kit, but did not because they did not know how. There are several code oscillators, clocks, direction finding equipment, and voltage monitoring kits that are basic, require few tools, and do not need test equipment to get it working. These are simple and fun kits to start with and there are many amateurs in the area that I know that would be glad to help you get started. Go ahead and try building one of these kits, you'll enjoy it.

See you at the next meeting.

73, LeRoy - WA4MHP

## VEEP'S CORNER

A really interesting meeting of the AARC on Feb. 14th. Everything you ever wanted to know about ARES and RACES, and then some. I must commend Leroy, WA4MHP and Hein, N4FWA, for the way they really covered everything the AARC is involved in as regards Public Service. Well done.

There seems to be some more interest in Mobile Watch and if we can get some more people who want to get involved we will try to get Sgt. Martin to one of our club meetings for another orientation program this summer. We should have at least 12 to 15 people to make it worth his while.

Still looking for some hams to take over the organization of Field Day this June. Bob, KM4DU, has agreed to be the overall coordinator and will work with who ever volunteers to do the actual work, as will Pete, AD4TU, and Pete, KC4UCK, who were the organizers last year. The AARC has allocated a budget for Field Day this year so a lot of the incidental expenses will be taken care of by the club.

I am looking out the window at a really messy landscape. Snow, sleet and rain. Hopefully it will melt off soon. Can spring be far behind. Our speaker at the March meeting will be Bob Pattison, KM4DU, talking about the ARRL and the things that all hams should know about the organization and the things it does. Looking forward to it. Stay well, warm and dry.

73...Rick...KO4WQ

## ANOTHER REASON...

Several weeks ago, while attending the Miami Hamboree, there was opportunity to attend an IARU Region II Forum. After listening carefully to the present International President of the IARU, Dick Baldwin, W1RU, and other officers of the International and the Regional organizations, it became apparent that here was yet another place where our membership and support of the American Radio Relay League (ARRL) plays an important role.

Of course, your first question should be, what is IARU? These initials stand for the International Amateur Radio Union, an organization born 70 years ago in the mind of then President of the ARRL, Hiram Percy Maxim, W1AW. His vision saw that Amateur Radio was indeed worldwide and would require worldwide "meetings of the mind" if peace would reign on the airwaves.

Today, the IARU has more than 150 member societies from around the world. They are divided into three regional groups. Region I consists of Europe and Africa, Region II (That's us) consists of North, South and Central America plus the nearby islands, and Region III is the rest of the world, primarily Asia and the world of the Southwest Pacific Ocean. Each Region has its own governing body and its own source of operating income. Usually, this is a per-capita assessment and here in Region II, the good old USA has the largest number of hams, so the ARRL pays 7 cents per licensee per year to the Region's treasury. This money goes into the supporting of Regional publications and meetings.

The question then becomes, who supports the IARU International officers and their activities? Well, the ARRL has been the home of International Headquarters since the birth of IARU. It is our membership money... at least a part of it... which supports the activities of the Headquarters.

Is this important? Yes, it is because the IARU is one of the few organizations which has a seat at International Frequency gatherings as an observer. It was the IARU's attendance at the World Administrative Radio Conference in 1979 (WARC79) which helped to bring us our bands at 30, 17 and 12 meters.

This didn't "just happen!" It was the result of careful planning and preparation by the IARU Regional organizations to convince their governments that support of Amateur Radio's needs was very important to their future. Our dues buy us much more than "QST" every month, Volunteer Examiner Coordination, the ARRL Field set-up, publications and technical assistance, and representation before our government. Our dues help to pay for International representation and that's where our frequencies come from. That is "another reason" for belonging to the ARRL and it's a big one!

73... Harry, W2HD.

## FEBRUARY T-HUNT RESULTS

- |     |   |
|-----|---|
| 1st | Randy-KN4KB and Cowles-KB4CNI...Doppler rig |
| 2nd | Greg-N4PGS & LeRoy- WA4MHP                  |
| 3rd | Brian-KE4HIA & Dick-KD4KWE                  |

Dick (W4OFR) participated part of the time

Fox-Joe (KD4RWX) Transmitter was hidden at Buford Middle School near swimming pool. (THANKS TO ALL FOR PARTICIPATING.)

\*\*\*\*\*

**PUBLIC SERVICE EVENTS 1995****CONTACT HEIN (N4FWA) TO SIGN UP FOR EVENTS**

- JKR1 Sunday 12 March, 1330 EST Bike Race.** Start and finish at Benjamin Franklin Yancey School, route 627 near Esmont.
- BKR2 Sunday 26 March, 1330 EST Bike Race.** Start at Walton Middle School. Finish at Walnut Creek Park
- DIM1 Sunday 30 April, 1200 EDT Walk America** (March of Dimes) walk in Charlottesville.
- MJS1 Thursday 11 (or 25) May, 2000 - 2100 EDT Evacuation drill at Martha Jefferson HOUSE** (not the hospital), 1600 Gordon Avenue. Residents will be evacuated by bus to a temporary shelter at the Armory on Avon Street.
- BKR3 Sunday 04 June, 0800 EDT Bike Race.** Start and finish at Walton Middle School.
- MSB1 Saturday 10 June Multiple Sclerosis Bike Tour, first day.** Start at Piedmont Community College. Overnight at Longwood College, Farmville.
- MSB2 Sunday 11 June Multiple Sclerosis Bike Tour, second day.** Start at Longwood College, Farmville. Finish at Stonewall Vineyards near Concord.
- BKR4 Sunday 18 June, 0800 EDT Bike Race.** Start at Walton Middle School. Finish at Walnut Creek Park.
- MSB3 September (date not set yet) Multiple Sclerosis Harvest Tour (bike).** Albemarle County. Start and finish at Broadus Wood School near Earlysville.
- DRL1 Thursday 21 September, (probably around 1800 EDT) Albemarle/Charlottesville/UVA disaster drill.** Scenario will be earthquake and train derailment.
- ART1 Sunday 08 October American Heart Association Walk in Charlottesville.**

\*\*\*\*\*

***BITS AND PIECES*****INTERNET ADDRESSES FOR DIRECTORY**

If you would like to have your Internet address included in the next Directory, then please send me a brief message via my address

**fritz@pen.k12.va.us**

Please repeat your address in the body of the message so that there will be no question about the correctness. I will return a message indicating that your message was received. The addresses will be included in the Directory, if at all possible. Joe (KD4RWX)

**S.M.A.R.T. Hamfest**

The Six Meter Amateur Radio Team Hamfest will be held on April 15, 1995, from 8am to 3pm at the Goochland County Fairgrounds, in Goochland, Va. Tailgaters can setup starting at 6am and tailgating is free with the purchase of a general admission ticket of five dollars at the door or advance ticket of only four dollars. Tables are available inside, and they cost ten dollars and you get a general admission ticket. (I believe that is correct.)

There will be test session starting at noon. For more information contact Buddy Travis KA4NNN at 703-894-0406.

**NEW MEMBERS**

Kaye Harden, KE4UKW T,  
Route 2 Box 5521  
Scottsville, VA 24590

George A. Woods, KA4YCM  
Route 1 Box 337  
Coveseville, VA 22931

**CALL CHANGES**

| NAME        | OLD CALL | NEW CALL     |
|-------------|----------|--------------|
| Chuck Gross | KC4VIX   | -----> KS4NW |

**ADIOS TO YOU - N0RDQ**

Well, the move is done by the time you folks are reading this, and boy am I glad the daily drive is over. I just want to wish a fond fare thee well to all the AARC folks and to say I am glad I started in this hobby (service to you Hein) in a place like CH'VILLE/ALBEMARLE. I hope when you come down to Richmond, you will holler at me on the 88 or 430 machine.

Take care and if anyone is interested, my new stuff is:

Pat Wilson, N0RDQ, 4174 Sinclair Court, Mechanicsville, VA 23111  
804-779-3351 (Voice) 804-779-0055 (Pat's Place)

Take care and 7 3 to everyone. AND YES JOE, I am sending 5 bucks to you. (Editor: For a subscription to newsletter.) Pat (N0RDQ)

**CHECK THIS OUT**

The recently formed Electron Devices/Microwave Theory and Techniques Society Joint Chapter of the Central Virginia Section of the Institute of Electrical and Electronic Engineers will sponsor several presentations this year. The presentations will be of an introductory nature and will be related to science and technology for electronic materials, electron devices, microwave devices and circuits, microwave systems, and microwave techniques. A primary goal of the presentations is to provide an atmosphere for information exchange among professional engineers, engineering students, and radio amateurs. The second presentation this year will be on Wednesday, March 15. All interested radio amateurs are encouraged to attend.

\*\*\*\*\*

**Radio Astronomy**

Dr. K. I. Kellermann, K2AOE  
Senior Scientist

National Radio Astronomy Observatory  
Charlottesville, Virginia  
Wednesday, March 8, 1995

TIME: 7:30 pm

LOCATION: E316, Thornton Hall, UVa EE

The presentation will review the development of radio astronomy from the pioneering studies made in the 1930's to the large telescopes and arrays which have been constructed in recent years. The talk will be illustrated with slides showing the world's major radio telescopes and computer generated celestial radio images of distant galaxies and quasars, and will conclude with some speculations about future directions.

Rich (WB3DZC)

## CLUB BUSINESS

### AARC Board Meeting February 7, 1995

No Motions were proposed. Discussion concerning a STUCOM committee which was formed and had one meeting concerning the .76 repeater site. No final report yet. Letter being sent to CENTEL concerning Autopatch phone charges. Hein (N4FWA) mentioned police bus driver training. There will be a Martha Jefferson HOUSE Drill. (See Public Service schedule-PAGE 3).

### AARC Regular Meeting Minutes-- February 14, 1995

Minutes of January Meeting were approved.

New members approved: Kaye Harden (KE4UKW) and George Woods (KA4YCM)

Bill Uzzell (W2BNX) became a Silent Key; Display cabinet at Bonanza is nearing completion.

VE Session to be held on May 13th- National Exam Day John (W6UZ)

Budgets approved: Food=\$150; .925 repeater=470;

Publications=\$827.50; Awards=\$150; Secretary=\$36;

Activity=\$50; Field Day=\$300; Telephone=\$475; Picnic=\$50;

Insurance=\$150; State Corporation=\$25; SERA=\$20

Treasurer's Report (detailed) see page 7

Program (See outline below)

Meeting adjourned

### EMERGENCY PREPAREDNESS PRESENTATION

The presentation for the February meeting was so very well received that I am including the basic outline of the program. While most of it is self-explanatory, some parts may not be self supporting. I will not attempt to provide additional comment. You should have been at the meeting and listened to that dynamic duo who presented the program- Hein (N4FWA) and LeRoy (WA4MHP).

#### 97.1 Basis and Purpose

..... having a fundamental purpose as expressed in the following principles:

(a) Recognition and enhancement of the value of the amateur service to the public as a voluntary noncommercial communication service, particularly with respect to providing emergency communications.

(b) ...

### TALK OUTLINE

#### 1. Races/Ares

##### a. FCC rules

#### b. ARES

##### i. Application forms

##### ii. ID cards

#### c. RACES

##### i. In Virginia, if Ares member, Races is automatic

#### d. Why is Amateur Radio uniquely suited to emergency communications?

##### i. Trained operators

##### ii. Knowledge of equipment. Can fix problems in the field

##### iii. Already deployed (in many cases)

##### iv. Flexible frequency choices No interagency problems

##### v. Many operating modes, FM, SSB, Packet, and cw!!

##### vi. Low tech last to collapse

#### 2. Public Service

##### a. Public Events

##### i. Bike Tours

##### ii. Bike Races

##### iii. Horse Events

##### iv. Triathlons

##### v. Walks

##### vi. Civil War Recreations

#### b. Emergency Drills (Examples)

##### i. Hurricane Zelda

##### ii. Airport drill (1993)

##### iii. Martha Jefferson Hospital drill (1989, 1994)

##### iv. Martha Jefferson House evacuation drill (September 1995)

#### c. Potential Emergencies

##### i. Hazardous material spills

##### ii. Earthquake

##### iii. Hurricane, Tornadoes

##### iv. Snow storm

##### v. Fires

##### vi. Airplane crash

##### vii. Flooding

##### viii. Train derailment

#### d. Real Emergencies (Actual cases where Ham radio communication was used)

##### i. Floods (West Virginia Flood November 1985)

##### ii. Missing Person (Search and Rescue on Blue Ridge)

##### iii. Snow/Ice Storms, opening evacuation shelters(1994)

##### iv. Missing Person (Rio Road)

##### v. Piedmont Health Care Fire (1994)

##### 3. Skywarn

#### a. Training

##### i. Course in Charlottesville 19??

##### ii. Regular training sessions held at the weather forecast center in Sterling VA

#### b. Reporting via Amateur Radio or telephone

##### i. Via the Bluemont repeater 147.30 MHz (They run nets on the hour during weather emergencies)

##### ii. Via packet 145.73 MHz

##### iii. By telephone (800) 253-7091

#### 4. Mobile Watch

##### a. Training (Two hour course given by the County Police)

##### b. Reporting by calling 911 through the 146.76 MHz repeater

##### i. 911 reporting procedures

##### ii. Demo a reverse emergency call-up through the repeater

#### 5. Emergency preparedness

##### a. Zehmer Hall Emergency Operation Center

##### b. Police communication bus

##### c. Emergency Equipment

##### i. Radios

##### ii. Power Connectors

##### iii. Batteries, especially alkaline batteries for HT's (AA size)

##### iv. Antennas

##### v. Tools

##### vi. Adapters, cables

##### vii. ID Vests and magnetic signs for cars

#### d. Training

##### i. Learn procedures such as message handling and use of tactical calls

##### ii. Participate in public Service Events

##### iii. Participate in emergency drills

##### iv. Nets



## VE EXAMS VIRGINIA VE TESTING INFORMATION

for

**FEBRUARY 1, 1995 - MARCH 20, 1995**

(NOTE: My source of specific dates has not arrived lately- sorry)

|          |                   |              |                       |
|----------|-------------------|--------------|-----------------------|
| 03/10/95 | A Galax           | 703-766-3121 | Joseph A Kolb         |
| 03/19/95 | A Lynchburg       | 804-386-4651 | Charles L Beard AD4ST |
| 03/20/95 | A Coeburn         | 703-395-6595 | Clinton W Hawkins Jr  |
| 05/13/95 | A Charlottesville | 804 973-1094 | John Gray             |

A = ARRL 5 = W5YI L = Laurel

The following individuals seem to be the regular contact persons for VE Exams in their area. If you wish to check on the availability of future exams in their area, please contact them.

|                 |                 |              |
|-----------------|-----------------|--------------|
| Culpeper        | Bill Brown      | 703 547-3089 |
| Harrisonburg    | Marshall Cooper | 703 856-8012 |
| Richmond        | Rick Cook       | 804 798-5048 |
| Lynchburg       | Charles Beard   | 804 386-4651 |
| Roanoke         | Fred Horton     | 703 366-6266 |
| Orange County   | Kelly Shaw      | 703 891-5581 |
| Charlottesville | John Gray       | 804 973-1094 |

We will always announce the Charlottesville sessions in plenty of time.

## OVER THE HILL

Hello again from the right side of the "Hill" (depending of course upon which direction you are facing). By the time you read this I will have returned from a short trip to sunny Florida. I figure if Harry can go, so can I.

The AARC sponsored Novice/Tech class still goes well. This past week we had our Seminar Night at NRAO (Thanks to Hein). While the weather kept some of the class from making the trip, still better than half braved the cold and yucky to enjoy our Guest Speakers. This session we had Hein speaking on Packet. I might say that it went over very well (considering that a message I had sent to the class via Hein didn't make it to the CHO BBS in time). We also had Chuck Mills speaking on OSCARs and Satellite operations. I personally thought it was a very well rehearsed presentation and captured a lot of interest. I wouldn't be surprised if Chuck gets some OSCAR Operator wanna-be's ringing him up in the near future. Brian Fox gave an excellent presentation on the National Traffic System and showed everyone the proper way to initiate traffic. Even though he did stress the CW aspects of the system, he was fair enough to grudgingly admit that you could use phone also....hihi. Lastly, Sharon Duvall couldn't make it, so I tried to fill her shoes and cover the magnificent and extremely satisfying Art of Paper Chasing (i.e. Special Events, QSLing, WAS, WAC, DXCC, etc). I want to say Thank You to Hein, Chuck, and Brian for very programs and for making this sessions Seminar Night a success. A Special Thanks to LeRoy for coming as a representative of ARES (along with Mr. Clipboard), and an even BIGGER, MORE SPECIAL THANKS to Jan for letting him come!! Also, I think this is the first time we've ever shown non-licensed personnel "THE CLIPBOARD" before we had 'em in the Club. Could this be the trend of the future? Stay tuned.... And last, but by no means least, Thanks to Bob Ross from EVERYONE who was there...Bob was the doughnut man!

Now on to kinda-almost-new business. The VARA held its T-Hunt on Jan. 22. Three teams participated and a good, albeit cold, time was had by all. Art Stockwell, N2XUN and I were the co-Foxes for the January

Hunt. Representing the AARC was the team of Greg-N4PGS & LeRoy-WA4MHP. From Harrisonburg were the team of John-WA4KQX and Claude-N4QLV, and from the Staunton-Waynesboro area was the team of Randy-KN4KB and Cowles-KB4CNI. John and Claude were first in at about 1 hr 20 min. into the Hunt. They were followed closely by Greg and LeRoy at about 1 hr 30 min. and finally the team of Randy and Cowles made it in at about 2 hrs. In fairness to Randy and Cowles- they had some equipment problems early on (they had their DOPPLER 90 degrees out) and once they corrected the problem, beamed in on me in good time. I think they might give the other two teams a run on the next Hunt. I thank all of you for participating.

I do want to make an announcement at this point as it does concern the T-Hunts. We have been discussing it for some time (the Albemarle Hunters and the Valley Hunters) and beginning in February, we will opt to run staggered Hunts. The Hunts will be sponsored by the AARC on every EVEN numbered month (Feb, Apr, June...etc) and the VARA will sponsor the Hunts on the ODD numbered months (Jan, March, May...etc). There will be some rules in common-

1. The Hunts will take place on the 3rd Sunday of the month unless stipulated otherwise.
2. The Hunts will begin at 1330 local time.

Aside from that, pretty much the same rules we've operated under will apply with one notable exception. In Albemarle County, the 76 machine pretty well covers the entire county so that has been the logical machine to use to begin our Hunts. In Augusta county, however, the same cannot be said due to the size of the county. Therefore on the Hunts on this side of the Hill, the meeting frequency will always be announced at least 2 weeks prior to the Hunt. If I know what it is soon enough, I will make sure it gets in the Newsletter. What follows is the T-Hunt Schedule for 1995:

Feb. 19th - AARC  
 Mar. 19th - VARA  
 Apr. 23rd - AARC (delayed 1 week as Easter Sunday falls on the 3rd Sunday)  
 May 21st - VARA  
 June 18th - AARC (time to try out that new DF antenna you got for Fathers Day)  
 July 16th - VARA  
 Aug. 20th - AARC  
 Sep. 17th - VARA  
 Oct. 22nd - AARC  
 Nov. 19th - VARA (maybe something special in the air.....?)  
 Dec. 17th - AARC  
 Jan. 21st 1996 - VARA

While these dates are subject to change, this is the current planned schedule. Pick the dates you are available and join us. You won't be sorry. Finally, I just want to say that I got a chance to work a VE session over in Harrisonburg the other week. Its the first time I've worked with the MARA group, and it was quite an enjoyable experience. They are a nice bunch of fellows. They had a nice turnout in terms of applicants and gave quite a few elements (21 applicants and about 38 elements comes to mind, but I don't know how accurate that is). They got some new Novices, Technicians, and Generals out of it and several CSCE.s. It's always good to see people upgrade (HINT HINT), but its even more enjoyable to see new people join our ranks as licensed Amateurs.

That's about it for me this month, but like the old B-movies.....I'll be BAAACCCKKKKK!!!!

73 to all de .....Bill, KC4TQF

## ***FOR SALE or WANT***

### **FOR SALE: 8088 COMPUTERS**

The AARC has available 8088 8MHz computers, dual floppy, Sperry Hi Res monitor, and keyboard for \$100 each. One monochrome IBM computer is available for an even lower price. If interested please contact Ron, K4RKA, at 973-3640, on WA4TFZ PBBS, .76, .925, 223.5 or the 440 repeater.

### **WANTED: National Receivers and Scanner:**

I am looking for National receivers. I would also like to obtain a **handheld scanner**- If you have any or all of these items please contact me at phone number: 804 979-7383. Carter Elliott, WD4AYS.

### **FOR SALE: MAC FLOPPY & TRACK BALL**

Rick, KO4WQ, is offering a 400k external floppy disk drive and a track ball for a Macintosh computer. Call him at 823-1128.

### **WANTED: 2M/440 HANDHELD**

Carter, WD4AYS, is looking for a 2 meter / 440 MHz handheld. If you have one which you want to sell, call him at 979-7383.

### **FOR SALE: HEATH HF RIG**

Heath HF station. SB 303 Receiver and SB 401 transmitter. 80 through 10 meters. (does not cover the new bands) CW and SSB Works FB \$250 or make offer. Contact Gordon WA4FJC @ WA4TFZ or (703) 248 2732... Thanks.. Gordon

### **FOR SALE: 10 METER RIG**

I have for sale a 10 meter Radio Shack HTX-100, excellent condition, box and manual, plus mounting bracket. \$80.00. Call 942-3272 or leave message for N4XPW @ N4YRZ BBS. Thanks, Denny.

### **FOR SALE: KANTRONICS KAM+**

I've got an essentially new Kantronics Kam+ with the new Version 7.1 Eeprom and the latest version of KAGold, the ultimate software package for this setup. I've had no problems with it whatsoever and I'm using it now. I want to sell it to upgrade to a satellite compatible DSP system like the AEA DSP2232. There's \$410.00 in the setup. Make me an offer. You can call me on 146.760 or call me at home (293-6376). Thanks. Stacey Mills (WB4QKT)

### **FOR SALE: KW-TS-180 & MC50 MIKE**

For sale one Kenwood TS-180(10 thru 80) and Kenwood MC-50 mike. Both in in real good condition, with manual. \$450.00. Call 942-3272 or leave message on KB4ONZ BBS. Thanks for reading de Denny, N4XPW.

### **FOR SALE: Apple ImageWriter II Color printer**

Thanks for reading...I have an Apple ImageWriter II printer in

excellent shape. This is a dot matrix printer with high resolution and capable of color with color ribbon. This printer is designed for use with Apple computers (ie. Macs) Reason I sale is that we have upgraded to Compaq and no longer have a use for it. Would like any and all reasonable offers. Please respond via packet or phone M-F 9-5 at 989-6000. Packet address is: KE4PIC @ W4CA.VA.USA.NOAM or KE4PIC-4 Mailbox. My Mailbox is not on at all times so a message via W4CA may be more convenient. Thanks and 73s.....Frank, KE4PIC.

### **FOR SALE: FT-767**

For sale Yaesu FT-767 with 2mtr, 6mtr and 440 units installed. It also comes with MD-1 desk mic, SP-767P speaker with phone patch, FIF-232c CAT interface, and tone board is installed. Rig is in like new condition, with original boxes and manuals. Price is \$1800.00 plus shipping. Leave message at WA4TFZ BBS or call 804-293-6600 after 6:00pm...73..Tony, KB4QWU.

### **FOR SALE: PANASONIC PRINTER**

I HAVE A KX-P1123 24 PIN DOT MATRIX PRINTER FOR SALE. IT HAS HARDLY BEEN USED--LESS THAN 50 PAGES PRINTED--EZ OPERATOR PANEL WITH MORE THAN 20 FUNCTIONS. PRICE: \$150--TEL. (703) 434-0440 AFTER 5 PM...GERRY--K4RBZ

### **FOR SALE: ICOM 220 MHz RADIO**

Hi all. I have a very nice Icom IC 38a 220 mhz. mobile. Have the mike and manual w/ mobile bracket. Asking \$ 275.00. If interested I can be reached at (703) 943-9968 anytime. Richard, N4SIH.

### **FOR SALE: Amateur Radio Station "Starter" Station**

The following is listed for sale by KC4YLX:

**Kenwood TS-850S/AT** with 500 Hz filter and DRU-2 digital recording unit..... \$1375

**Kenwood MC-85** microphone with two mic cables..... \$90

**AEA PK-232MBX** with pactor and AEA software..... \$250

**Mosley TA-33M tri-band beam**..... \$200 All in perfect condition.

**Rohn 25G 40-foot tower** consisting of 3 ten-foot sections, 1 ten-foot top section and home-designed tilt over... \$150.

Call Ed Lang, KC4YLX, at 804-295-5318 or send packet responses to W2HD @ WA4TFZ.#CVA.VA.USA.NOAM

January 1, 1995 -  
March 1, 1995ALBEMARLE AMATEUR RADIO CLUB, INC.  
TREASURER'S REPORT  
MONTHLY REPORTTreasurer:  
Sharon Duvall, KO4OC

## 1995 - INCOME

DESCRIPTION AMOUNT SUB-TOTAL TOTALS

Income: Dues

Dues: 1995 650.00

Dues: 1996

**Total Income: Dues \$650.00**Income: Miscellaneous

Subscriptions

Raffles

T-Shirt sales

ID Vests Sold

ARRL Renewals-by members 4.00

Directories

Sale of old Books:

*Now You're Talking*

Name badges

**Total Income: Miscellaneous \$4.00**Income: Donations

Sale of Surplus Material 914.00

Repeater 35.00

packet

cash

Cntry of Albemarle: ID Vests 200.00

**Total Income: Donations \$1149.00****TOTAL INCOME TO DATE \$1803.00**

MEMBERSHIP COUNT: As of February 26, 1995

Regular Members 104.

Youth Members 12.

Life Members 3.

**Total Members 119.**

Non-Member SUBSCRIBER ONLY 5.

## 1995 - EXPENSES

DESCRIPTION AMOUNT SUB-TOTAL TOTALS

Expenses: Equipment Purchased

Repeater related

Packet related

**Total Expenses: Equipment****\$0.00**Expenses: Miscellaneous

Postage and Pub. costs

Telephone

**\$36.20**

Equipment Insurance

Meeting Refreshments

Picnic Shelter

Va. State Corporation Fee

FrostFest Table Fee

Books and Tapes for class 205.90

SERA Membership

**Total Expenses: Miscellaneous \$242.10**Expenses: Special Projects

T-Shirts for resale

**Total Expenses: Special Projects****TOTAL EXPENSES TO DATE \$205.90****1995 GAIN OR LOSS TO DATE \$1560.90****1994 Balance Brought Forward (1-1-95) \$4713.78****CURRENT BALANCE \$6274.68**

## MARCH 1995

SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

|                             |                     |   |                               |   |           |    |
|-----------------------------|---------------------|---|-------------------------------|---|-----------|----|
|                             |                     |   | 1 Lunch Bonanza 11-1<br>W4DGN | 2 ARES NET 8:00 PM<br>W2EIU: Yes! It is<br>this month-OK! | 3 N4DGR   | 4  |
| 5                           | 6 INFO-NET 7:00 pm  | 7 Board Meeting & Technical<br>Session 7:00 P.M.<br>W4IWW KC4WGP<br>KJ4XZ | 8 Lunch Bonanza 11-1<br>NM4R  | 9 ARES NET 8:00 PM  | 10        | 11 |
| 12 KA4YCM<br>AB4IE          | 13 INFO-NET 7:00 pm | 14 MEETING<br>7:30 PM<br>ARRL INFORMATION                                 | 15 Lunch Bonanza 11-1         | 16 ARES NET 8:00 PM<br><br>DAVID 1961                     | 17        | 18 |
| 19 T-HUNT<br>AUGUSTA COUNTY | 20 INFO-NET 7:00 pm | 21  | 22 Lunch Bonanza 11-1         | 23 ARES NET 8:00 PM<br>KS4NW (KC4VIX)                     | 24 KD4CUJ | 25 |
| 26                          | 27 INFO-NET 7:00 pm | 28 W4DO   | 29                            | 30  | 31        |    |

**1995 - ALBEMARLE AMATEUR RADIO CLUB - 1995**  
**OFFICERS & BOARD MEMBERS**

|                |                |        |
|----------------|----------------|--------|
| President      | LeRoy Sutter   | WA4MHP |
| Vice-President | Rick Berman    | KO4WQ  |
| Treasurer      | Sharon Duvall  | KO4OC  |
| Secretary      | Joe Fritz      | KD4RWX |
| Director       | Brian Fox      | KE4HIA |
| Director       | Joe Giovanelli | W2PVY  |
| Director       | Bill Hariu     | N4ZZB  |
| Director       | Gerald Nauman  | KN4FM  |
| Director       | Elwood Shrader | KB4DJN |

**COMMITTEE LEADERS**

|                 |                     |                     |
|-----------------|---------------------|---------------------|
| <b>Director</b> | <b>Committee</b>    | <b>Chairperson</b>  |
| Gerald Nauman   | Technical           | Sam Gentry, N4WJQ   |
|                 | Digital (Sub-com)   | Greg, N4PGS         |
| Elwood Shrader  | Publications        | Joe Fritz, KD4RWX   |
| Brian Fox       | Education           | Bob Ross, WA2MFI    |
| LeRoy Sutter    | Activities          | Hein Hvatum, N4FWA  |
| Sharon Duvall   | Fund-Raising        | Bob Pattison, KM4DU |
| Bill Hariu      | N4ZZB (Co-Director) |                     |
|                 | Recycling           | Ron Richey, K4RKA   |
|                 | Awards              | Joe Fritz, KD4RWX   |

**OTHER POSITIONS**

|                        |                    |
|------------------------|--------------------|
| ARRL Liaison           | Brian Fox, KE4HIA  |
| ARES/RACES Coordinator | Hein Hvatum, N4FWA |
| AARL VE Coordinator    | John Gray, W6UZ    |
| Trustee (WA4TFZ)       | Morris Jones, NM4R |
| Newsletter Editor      | Joe Fritz, KD4RWX  |

**AARC BULLETIN**

Contact Information  
packet:: KD4RWX@WA4TFZ.VA.USA.NOAM  
Internet: fritz@pen.k12.va.us  
Phone: 804 973-1738

Joseph D. Fritz, Editor  
2306 Williamsburg Road  
Charlottesville, VA 22901-1431

**DEADLINE FOR EACH ISSUE**

The 15th-17th of each month should be considered as the last dates to submit information for the NEXT MONTH'S BULLETIN. In some circumstances it may be possible to send information a week later. Check with me. Joe, KD4RWX

**CLUB MEETINGS**

**Regular Meeting:**

Second Tuesday of each month at 7:30 p.m.

**Board and Technical Meetings:**

First Tuesday of each month at 7:00 p.m.

Meetings are held at the National Radio Astronomy Observatory (NRAO) building, Edgemont Road (UVA area)

**WA4TFZ REPEATERS**

INPUT/OUTPUT TONE ACCESS (if required, etc.)

|  |   |  |
|--|---|--|
| 146.160/146.760                                    | 88.5 Hz (If enabled, DTMF 325* will produce temporary Tone off and 326* will turn Tone back on) |  |
| Emergency Autopatch to access the 911 Center.....  | DTMF 911*   |  |
| Emergency Autopatch to access VA State Police..... | DTMF 918*   |  |
| Autopatch exit.....                                | DTMF 0*   |  |
| Time.....  | DTMF 10*  |  |
| Tone status of repeater.....                       | DTMF 700*   |  |

|                 |                       |                 |                       |
|-----------------|-----------------------|-----------------|-----------------------|
| 146.325/146.925 | no tone               | 223.160/224.760 | no tone               |
| 449.250/444.250 | 151.4 Hz (If enabled) | 145.030         | MACHO node            |
| 145.030         | CHO                   | WA4TFZ          | Packet Bulletin Board |

**NETS**

**Northern Piedmont Emergency Net**

146.76 repeater Thursday 8:00 p.m.  
Plus Swap/Trade & Technical sessions  
Net Control: Morris, NM4R

**Information Net**

146.76 repeater Monday 7:00 p.m.  
Newline program and general news  
Net Control: Mark, N4TZE

**Albemarle Amateur Radio Club**  
**P.O. Box 6833**  
**Charlottesville, Virginia 22906**

**AARC BULLETIN**  
**MARCH 1995**

Please check your mailing label for correctness of the information.. Notify Joe (KD4RWX) of corrections needed. It is time to renew membership.



CORRECTION OF LABEL INFORMATION REQUESTED ---TO CORRECT CALL PHONE 973-1738 Y D  
KA4JJD N 1995 CURRENT MEMBER

Michael F. Rein  
109 Sturbridge Rd.  
Charlottesville VA 22901