

Editor: Joseph D. Fritz, KD4RWX

CHARLOTTESVILLE (Albemarle County) VIRGINIA

SILENT KEYS**ALBERT "AL" RANDALL Jr., KA2KBX,**

joined the ranks of Silent Keys on October 14, 1994, at Martha Jefferson Hospital, following several years' illness with emphysema. Al was an active member of the Cherryville Repeater Association in Hunterdon County, New Jersey. Al had recently returned to some repeater activity following a period of inactivity. Al and Ruth, KD4IGU, lived at Blue Ridge Shores near Louisa. They moved from New Jersey to this region of Virginia a few years ago. Al was a member of the Albemarle Amateur Radio Club.

ROBERT E. BROWN, WA4AWJ,

became a Silent Key in early June, 1994. Bob had been a components engineer and sales representative for GE in Lynchburg. He later worked as a components engineer for Comdial. Bob was a former member of the Albemarle Amateur Radio Club. He lived in Shipman, Virginia.

CLUB BUSINESS

AARC Regular Meeting Minutes--OCTOBER 11, 1994
Greg, N4PGS, opened the meeting. The Minutes of the last meeting were approved as printed and amended in the last two newsletters.

Chuck Mills, WB4QKT, was elected as the newest member of the AARC.

Bob Blodinger, W4NPX, presented a discussion of some digital modes. Due to pressing Club business his talk was cut short. It will be continued at a later meeting.

Gene Bossieux, W4IWW, voted LIFE MEMBER

Ron Richey, K4RKA, read the following preamble and motion:

Gene Bossieux, W4IWW, was one of the founding members of the Albemarle Amateur Radio Club (ca 1964), was a trustee for approximately the first 20 years of the Club's existence and served as the de facto technical director for most of this time. As such we believe he deserves the honor of LIFE MEMBER even though he recently moved from Charlottesville. He was recently voted in as an Honorary Member, but we think, in view of his long service to the AARC that Life Membership is more appropriate; and we so move that Gene Bossieux, W4IWW, be honored with LIFE MEMBERSHIP in the Albemarle Amateur Radio Club with all the rights and privileges thereof.

Submitted this eleventh day of October in the year of our Lord nineteen hundred and ninety four.

/ss/ Ron Richey, K4RKA /ss/ Nancy Richey, WB4RBW

The motion passed unanimously.

The Nomination Committee presented the following slate:

OFFICERS

President:	LeRoy Sutter	WA4MHP
Vice President:	Rick Berman	KO4WQ
Secretary:	Joe Fritz	KD4RWX
Treasurer:	Sharon Duvall	KO4OC

DIRECTORS

Bill Hariu	N4ZZB	Bob Lindsay	WB2MVA
Brian Fox	KE4HIA	Dick Noel	KD4KWE
Elwood Shrader	KB4DJN	Gerald Nauman	KN4FM
Steve Clements	KD4HBX		

Additional Director nominations were made from the floor:
 Wil Seay KJ4XZ Joe Giovannelli W2PVY

Those elected by paper ballot are presented in the box below.

AARC ELECTION RESULTS**1995 Officers and Directors**

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

NOVEMBER CLUB MEETING

Tuesday November 8, 1994 7:30 p.m.

Program Topic: Radio Direction Finding
 Presenter: LeRoy Sutter, WA4MHP

National Radio Astronomy Observatory (NARO)
 Edgemont Road on the UVA campus

The Treasurer's Report was presented and approved. It and other reports will be published in the November newsletter.
 Ron, K4RKA, distributed copies of some proposed Bylaw changes. [They are printed in this issue.]

The meeting was adjourned

Respectfully submitted: Joe (KD4RWX), Secretary

Committee Reports to follow.

ALBEMARLE AMATEUR RADIO CLUB, INC.
 TREASURER'S REPORT
 January 1, 1994 - October 11, 1994
 Treasurer: Sharon Duvall, KO4OC



1994 - INCOME				1994 - EXPENSES			
DESCRIPTION	AMOUNT	SUB-TOTAL	TOTALS	DESCRIPTION	AMOUNT	SUB-TOTAL	TOTALS
Income: Dues				Expenses: Equipment Purchased			
Dues: 1994	1643.50			Repeater related	1371.50		
Dues: 1995 Prepaid	60.00			Packet related	336.03		
Total Income: Dues				Total Expenses: Equipment			
		<u>\$1703.50</u>				<u>\$1707.53</u>	
Income: Miscellaneous				Expenses: Miscellaneous			
Raffles	64.00			Postage and Pub. costs	593.77		
T-Shirt sales	36.00			Telephone	525.94		
ARRL Renewals by members	22.00			Equipment Insurance	136.62		
Directories	20.00			Meeting Refreshments	122.00		
Sale of old Books:				Picnic Shelter	50.00		
Now You're Talking	20.00			Va. State Corporation Fee	25.00		
Name badges	4.00			SERA Membership	20.00		
Total Income: Miscellaneous				Total Expenses: Miscellaneous			
		<u>\$166.00</u>				<u>\$1473.33</u>	
Income: Donations				Expenses: Special Projects			
Sale of Surplus Material	1606.21			T-Shirts for resale	199.23		
Repeater	546.38			WA4UPI Library Project	120.00		
packet	375.00						
cash	20.00						
QSL card sales donation	6.00						
Total Income: Donations				Total Expenses: Special Projects			
		<u>\$2553.59</u>				<u>\$319.23</u>	
TOTAL INCOME TO DATE			<u>\$4423.09</u>	TOTAL EXPENSES TO DATE			<u>\$3500.09</u>
\$2994.18				1994 GAIN OR LOSS TO DATE			<u>\$923.00</u>
				1993 Balance Brought Forward (1-1-94)			\$2071.18
				CURRENT BALANCE			<u>\$2994.18</u>

Awards Committee Report

By Joseph D. Fritz, KD4RWX, Chairman of Awards Committee

The Awards Committee sponsors six Operational Awards: Four HF awards and Two VHF/UHF awards. The two VHF/UHF awards were more recently introduced and no applications have thus far been received. Ten applicants have been presented HF operating certificates from the beginning of the program September, 1993. A total of thirty-three (33) certificates have been issued. All have been reported in the AARC Bulletin.

Several persons were awarded certificates for participation in public service events. The certificates for the last three previous years were issued during this year. Those were reported in a Club Bulletin. Additional certificates and plaques will be issued based on the cumulative totals for the last four years at the Winter Dinner meeting.

Publications Committee Report
Joseph D. Fritz, KD4RWX

The Publications Committee is currently producing a monthly newsletter and an annual Directory. As of the end of March of 1994, Joe (KD4RWX) assumed the responsibilities, relinquished by Melissa (KD4GRM) and Ed (KC4YLY), for the production of both. Some changes were brought about by new management. In the beginning we were mailing about 213 newsletters. The reason for the high number was that Bulk Mail regulations required a minimum of 200 pieces. We continued that practice for a few months. It was felt, based upon analysis of data, that a First Class mailing to members and designated individuals to receive complimentary copies (Mostly related to public service, classes, and ARRL individuals) would result in a more rational distribution of the newsletters even though fewer newsletters would be distributed. We currently mail the newsletters using First Class mail rather than Bulk mail. We mail to paid members, designated public service personnel, Novice/Tech class members, and selected ARRL persons.

We currently produce about 160 newsletters (134 members -[26 other members share copies as family members and do not receive a separate mailing]), 9 public service persons, 9 class members, and extras for requested copies.

The task of putting out the Directory was assumed by Joe (KD4RWX) who took the existing database information and searched two other databases to compile the final list of Hams to include. Completely new formatting procedures were developed, previously included information was expanded, and the document was readied for print. The Directory was finally published shortly before Field Day. We had a one year hiatus (1993) when the Directory was not published. Currently the database is in good shape and we can look forward to a timely publication of the 1995 Directory. Plans are being made to

confirm members' information in order to more likely have their data correct.

TECHNICAL COMMITTEE REPORT

By Sam Gentry, N4WJQ,
Chairman of the Technical Committee

The Technical Committee had several major accomplishments during this year.

The following is a summary of those accomplishments:

1. Relocate and upgrade the WA4TFZ PBBS. The club PBBS was relocated to N4PGS's house and the computer was upgraded to a 40 MHZ 80386. The software was converted to FBB. This change has been very successful and almost everyone reports better access to the PBBS.

2. Improve power distribution and battery on Carters Mountain. The DC power distribution to the various repeaters and digipeaters on Carters Mountain was changed to a large power cable and distribution block. This change was made possible through a substantial donation of equipment by the Crutchfield Corporation. We now have very flexible number 4 wire feeding a gold plated distribution block. This block feeds each piece of equipment with flexible number 8 wire. Each branch of the distribution is fused. The DC power for this distribution arrangement is supplied by an Astron power supply and a 240 amp-hour battery purchased from Central Battery. We should be able to keep the entire system on the air for many hours without AC power.

3. Improvement to the 146.76 repeater. We reviewed the transmitting and receiving equipment available for our two 2 meter repeaters. We decided that we were not taking full advantage of the capabilities of this equipment. A new S-com 7K controller was ordered and installed with the Hamtronics receiver, transmitter and power amplifier that had been intended to refurbish 146.925. This repeater has been installed on Carters Mountain.

4. Improvement to the 146.925 repeater. One of our S-com 5K controllers, the Icom repeater receiver/transmitter and a 450mhz control receiver has been assembled and tested for service on 146.925. This repeater has been installed in a test location.

5. MACHO is off the air. After many months of faithful service the 145.03 digipeater gave up and had to be taken down for service. With a little attention from Bud (KB4JNT) this equipment should be back in service soon.

6. APRS digipeater on 145.79. With the rising interest in APRS we used some existing equipment to place a digipeater on Carters Mountain on 145.79.

7. New antenna on 220/2 meters. We learned from experience that when the large 450/2 meter antenna needs to be taken down for repair our primary repeater is reduced in capability. We were forced to use a much lower 2 meter antenna to keep the repeater operational. We decided to replace the 220 antenna on the tower with a 220/2 Meter antenna. Currently this antenna is in use as the APRS digipeater antenna, but if we have any trouble with the 146.76 antenna or feedline we can easily change to this new antenna.Sam, N4WJQ

Veeps Corner

We had, I thought, a really interesting meeting on October 11th. Bob, W4NPX, gave a fascinating talk on, PACTOR, PACTOR 2, GTOR, CLOVER and other forms of digital communication. Unfortunately we ran out of time and he couldn't finish, but he will be back in February or March to finish up. A lot of what he was talking about was over my head but it gives you a good idea of the different systems out there, their good points and drawbacks. I look forward to the rest of his talk.

A number of proposed changes to the ByLaws were introduced which will need to be analyzed and discussed and voted on in the future (November). If anyone needs a copy of these proposed changes please get in touch with Ron, K4RKA or Joe, KD4RWX. For those of you who were not there, we had election of officers for the coming year. I imagine your editor, Joe, KD4RWX, will list those elsewhere in this newsletter.

A number of public service events coming up, the first of which will be over by the time you get this newsletter. A horse event in western Albemarle which sounds very interesting. I am writing this the day before that event, and it is raining like crazy. I hope the rain ends before tomorrow. Another one coming up on November 5th at Montpelier, a steeplechase which should be a lot of fun. Contact Hein, N4FWA, if you are interested.

We have noticed a drop in attendance for the Wednesday night, no name Net, at 8 p.m. on the 76 repeater. We hope that that was just a temporary thing. We rotate net control and can talk about almost anything that anyone wants to discuss. That is why one of the suggested names for the net is the Q and A net. Please feel free to stop by on Wednesday at 8 p.m. and get involved. I guess that is about it for this month....73...Rick...K04WQ

ITEMS FOR SALE and WANTED

Due to the printing of the proposed Bylaws changes and the Committee Reports which are included in this issue, there was not enough room for the Sale and Wanted items. Check the Thursday night net or the WA4TFZ PBBS for the items. Thanks.....Editor (jdf)

CONCERNING REPEATER PRACTICES

A couple of recent occurrences on the 146.76 repeater started me thinking about repeater practices and emergency procedures. The more I thought about it, the more I felt that I should write something. By now everyone who is a regular user of 146.76 knows that we have a restricted emergency autopatch. It is restricted to three numbers 911* for the local 911 center, 918* to call the State Police 800 number and 919* for test purposes. We have used these numbers fairly frequently in the last few months. About 50 calls to 911 have been made. Some of these calls were VERY REAL EMERGENCY situations. Generally automobile accidents with people injured. All of them are IMPORTANT.

We have only had a little trouble making these calls. Generally the trouble has been difficulty getting control of the repeater. If the repeater is in use when the emergency arises the person attempting the 911 call must wait until control of the repeater is passing from one user to another to BREAK the conversation. This is where the problem starts... If repeater users talk for a long time without dropping the signal into the repeater or if the next user jumps the courtesy tone without listening for a breaking station then the emergency traffic can not get through.

Please, ALL REPEATER USERS:

1. Don't hold the repeater longer than necessary to say what you want to say.
2. Don't drop the repeater just long enough to reset the timeout timer without listening for a breaking station.
3. When your turn comes to talk, don't jump the courtesy tone. Wait until you hear the tone and maybe even a little longer.
4. When you hear the BREAK, EMERGENCY, or BREAK BREAK let the repeater go IMMEDIATELY. Don't waste time telling the world what is happening, planning where to go to get out of the way, or commenting on the situation. **JUST DROP OUT!**

You may think that I am being picky. After all what is a few minutes? Well, try to explain to a frightened parent why you are sitting there in your car listening to a conversation instead of calling for help for his injured child. A few minutes feels like hours, I have been there.

One more thing: I recommend that we NOT use BREAK for any purpose other than emergency traffic.

If you want to join the conversation just give your call sign.

If you want to use the repeater to make a call say CALL PLEASE.

All of us should examine our repeater operating practices from time to time. Do we monopolize the repeater for long periods of time? Do we stretch the timeout period to the limit on every "over" and occasionally even timeout the repeater? Do we fail to listen for BREAKING stations during the wait for the courtesy tone? Sam, N4WJQ

PROPOSED BYLAW CHANGES

On this page and the next you will find the proposed changes to the AARC ByLaws. These were presented at the October meeting and **WILL BE acted upon at the November meeting.** The following information describes how to interpret the information provided. THOSE ARTICLES NOT BEING PROPOSED FOR MODIFICATION HAVE BEEN OMITTED. FORMATTING HAS BEEN CHANGED TO CONSERVE SPACE. FOOTNOTES HAVE BEEN PROVIDED BY THE EDITOR TO ASSIST INTERPRETATION.) *Italics represents current text of bylaws. Strike-outs are proposed to be stricken.* Proposed additions/changes are in Bold type.

BY-LAWS OF THE ALBEMARLE AMATEUR RADIO CLUB

ARTICLE II Membership

Section 1: Eligibility.

Any person having a bona fide interest in Amateur Radio is eligible for membership by submitting, in writing to the Secretary, a request to join the Club and by agreeing to adhere to the Club's bylaws. The written request shall be submitted to the Secretary and voted upon by the members at the next regular meeting. A person so elected shall be declared a member of the Club upon payment of the Annual dues for the first year appropriate dues.¹

Section 2: Types of Membership.

Full Member: A Full Member is any member holding an Amateur Radio License of any class.

Associate Member: An Associate Member is any member not holding a valid Amateur Radio License.

Junior Member: A Junior Member is any member, under eighteen (18) years of age and is the oldest person in the household holding an Amateur Radio License of any class. A Junior Member is not entitled to hold Club office, but is entitled to vote and make motions. A Junior Member shall be exempt from paying dues.²

Honorary Member: A person, neither a Full Member or Associate Member, but who is considered worthy of membership, can be elected to become an Honorary Member. Upon the recommendation of a Full or Associate Member, and by a majority vote at a regular meeting, Honorary membership can be conferred: not a regular member, who has performed a meritorious service in behalf of Amateur Radio or the Albemarle Amateur Radio Club or is deemed to be eligible for some other reason may be proposed to become an Honorary Member.³ An Honorary Member is not entitled to vote, hold office, be a member of the Board,⁴ or make motions. An Honorary Member shall be exempt from paying dues. Any member proposing someone for Honorary membership shall submit the name of the person and the justification for such membership in writing to a member of the Board. The Board shall then review the application to assure that the person meets the qualifications, and if determined to be appropriate, submit the application at the next regular Club meeting. An affirmative vote by a majority of those present is required for acceptance.⁵

Life Membership: Upon the signed recommendation of one member, seconded by another member, and by a three-fourths vote by ballot at the annual meeting,⁶ Life Membership can be conferred upon a Full Member who has rendered notable service to the Club or Amateur Radio and has been a continuous Full Member for a minimum of eight years or has a total of ten years as a Full or Associate Member.⁷ A Life Member shall have none of the obligations of membership in the Club, but

¹ Technical perfection

² This membership category is removed and the concept is incorporated into the dues structure in order to equate all Minor members without discrimination at any level- privileges and dues.

³ Substitution for previously stricken material

⁴ Technical perfection: The Board includes all Officers

⁵ Redefines procedures for nomination.

⁶ Strikes nominating and voting procedures (to be redefined by inserted material. Strikes timing of vote at the Annual Meeting.

⁷ Defines membership time qualifications

~~shall⁸ be entitled to all of the privileges of a Full Member, and shall be exempt from paying dues.⁹ Any member proposing another Member for Life membership shall submit the name of the person and the justification for such membership in writing to a member of the Board. The Board shall review the application to assure that the person meets the qualifications for such membership, and if determined to be appropriate, submit the application at the next regular Club meeting. An affirmative vote by a three quarters majority of those present is required for acceptance.¹⁰~~

Section 3: Termination of Membership.

Any member desiring to resign from the Club shall submit his resignation in writing to the Secretary, who shall present it to the Executive Committee for action. Any member whose Amateur activity is regarded to be detrimental to the Club or the Amateur Radio fraternity may have his membership terminated by a three-fourths majority vote at any club meeting in which a quorum is present. Allegations of misconduct shall be presented in writing, signed by the complainant detailing the misconduct, to a member of the Board. The Board shall review the allegations and give the accused member an opportunity to refute the findings. The Board, should they deem the allegations valid, shall present the details and their recommendation to the members at a regular Club meeting.¹¹

ARTICLE VII Dues

The annual dues shall be fifteen dollars (\$15) ~~ten dollars (\$10)¹², assessed of¹³ each Full and Associate Member, except in cases where two or more members belong to the same household, in which case one household member is assessed fifteen dollars (\$15) and each additional household member is assessed five dollars (\$5).~~ An additional five dollars (\$5) will cover the membership dues of all other adult members (eighteen years or older) in the same household.¹⁴

Membership dues are waived for members who are not yet eighteen years old on January first of the membership year.¹⁵

Dues are payable in advance on or before January first of each year. The Treasurer shall notify members one month in arrears, and those whose dues are not paid within two months thereafter shall be automatically dropped from membership in the Club. Members joining after July first ~~may shall¹⁶ pay one-half of the annual dues and then pay the annual dues on the next January first.¹⁷~~

Anyone who is unable to actively participate in the Club because of distance or health may receive the Club's newsletter and Directory for an annual subscription fee which shall be established by the Board.¹⁸

⁸ Technical perfection: removes unnecessary statements

⁹ Inserts no dues procedure

¹⁰ Redefines nomination procedure; restates voting requirements.

¹¹ Removal procedure of members for reasons....

¹² Proposed dues change

¹³ Technical Perfection

¹⁴ Redefines family membership dues structure

¹⁵ Incorporates the intent and meaning of the Junior Membership and extends it to all Minors. This corrects the restricted membership the previous Junior Member had and equates it to "junior members who were members under the Family membership procedure.

¹⁶ Technical perfection

¹⁷ Technical Perfection..we can't make them pay dues and dues required on January 1, previously stated

¹⁸ Provides for nonmembers to subscribe to Newsletter and Directory.

VE EXAMS

VE TESTING INFORMATION AROUND THE REGION

for

OCTOBER 29, 1994 - APRIL 16, 1995

10/29/94	A Middletown	703-636-1176	Thomas Blicharz
10/29/94	A Orange County	703-891-5581	Kelly Shaw
11/02/94	A Warrenton	703-364-3861	Neil Spokes
11/05/94	A Portsmouth	804-484-2857	Arthur A Thiemens
11/05/94	A Sterling	703-450-2304	Michael Weber
11/11/94	A Galax	703-766-3121	Joseph A Kolb
11/12/94	L Alexandria	703-455-1510	Frank Mackey
11/12/94	A Culpeper	703-547-3089	Bill Brown
11/21/94	A Coeburn	703-395-6595	Clinton W Hawkins Jr
12/03/94	A Charlottesville	804-973-1094	John Gray
12/03/94	W Roanoke	703-366-6266	Fred L Horton
12/03/94	A Virginia Beach	804-468-9166	Judy Rogers
12/09/94	A Galax	703-766-3121	Joseph A Kolb
12/10/94	L Alexandria	703-455-1510	Frank Mackey
12/10/94	A Harrisonburg	703-856-8012	Marshall Cooper
12/10/94	A Richmond	804-798-5048	Rick Cook
12/29/94	5 Gloucester	804-484-2857	Fran Sterling
01/15/95	A Salem	703-389-3339	Joe A Cline
04/16/95	A Salem	703-389-3339	Joe A Cline

A = ARRL 5 = W5YI L = Laurel

DEVELOPMENT OF DIGITAL COMMUNICATIONS

by Jack, KB2C.....

via Ron, K4RKA...with permission of Jack, KB2C...via Peg, KB2B...

(Also to be published in the "Virginia Digital Group Newsletter." Written with "tongue-in-check." Please read it the same way. Editor)

As far as we know in the digital progression, there were jungle drums and then smoke signals (smoke signals had to be developed because jungle drums didn't work too well on the wide open prairies). Come to think of it, smoke signals didn't work too well in the jungles because of the trees. People who talked too much on the local smoke repeater burned down too many trees, leading to great ecological disasters.

Some guy touched two wires together and got the spark of an idea which led to Morse code. Actually Morse made a device to make digital marks on a paper tape. Personkind might have had digital computers 50 years earlier if some knothad hadn't discovered that he could read the message from the sounds the clacker was making as it made the digital symbols on the tape. Marconi came along and found he could send digital signals without wires. Mr. Morse's digital code was adapted to wireless with some improvement, but not much, by making digital tone sounds rather than clacks.

After this crude form of communication (which still persists in some regions of the world) came RTTY, which

AARC VE SESSION

Please read carefully.

Important information must be followed.

The AARC VE team will conduct an ARRL Examining Session on Saturday, December 3, 1994, at 9:00 AM. The location will be the usual one, the Auditorium of NRAO, Edgemont Road, UVA grounds, Charlottesville, VA. Advance registration is required.

To register send the following items to:

AARC VE Session, P.O. Box 6805, Charlottesville, VA 22906

1. A completed FCC Form 610 dated November 1993 or later
2. A list of examination elements you desire to take
3. A check for \$ 5.75 made out to: AARC VE Session
4. Photocopies of your current license and relevant CSCE's, if presently held.

Registration materials should reach the VE team on or prior to Dec. 1, 1994.

You should bring to the examination session the following items:

1. Your CURRENT ORIGINAL Amateur Radio License
2. Original of CSCE's for element credit you wish to claim
3. At least one pencil (#2 lead) and suitable eraser
4. An ink pen
5. Two additional forms of positive identification (in addition to your original license) from this list
 - A photo ID plus one (1) of the following:
 - OR two (2) of the following:
 - non-photo drivers license or other ID card [school or employer];
 - Birth certificate with appropriate seal
 - Passport
 - any business or personal correspondence addressed to you.

For a Form 610 send a Stamped Self Addressed Envelope to the above address. Any questions contact John - W6UZ at 973 1094 or Pat - N0RDQ at 978 4117. - 73 - de W6UZ

improved on the original idea by using two digital signals to make letters on paper. (This was still a crude form because all the letters were capitals, but it was a big improvement in the eyes of the aborigines, some of whom advanced from their sparks, drums, and smoke.)

RTTY was followed by Packet, which introduced a measure of error correction, then by Amtor, and then by Pactor which was an advancement over Amtor developed for hf packet. Clover is the latest development and was given that name because the users have to be in it to use it. ###

OVER THE HILL-October (Edited)

(Editor's note:

This message was intended for the October AARC Bulletin. The packet message did not make it to Charlottesville in time. I have taken the liberty to delete some items which are out of date announcements, and changed some items to reflect the results of the activity which was being announced. Thanks to Bill for his continued support through supplying information from the "far side.")

Once again I take keyboard in hand to relay the current activities of the Valley Amateur Radio Association. First, I would like to correct some information from my last column. The Packet classes offered by Jeff, WB4PJW, (Hope I got the call right) are held in Bridgewater on the third Thursday of each month. The class is free and is held at the Town Hall.

The N4YET station operated the VHF/UHF contest held recently, and the results were pretty good. It appears that they have doubled their last year's score of 30,000 points to this year's high of 72,000. We don't know where this will place them (they were #10 nationally last year), but we wish them luck. Look for the results in an upcoming QST. We also had a VIP at this month's meeting, Mr. Robert "Bob" Pattison, KM4DU, nominee for the ARRL Roanoke Division's Vice Director position visited us and spoke about about his concerns and his goals if elected. Afterward he did a lot of hand shaking and baby-kissing (sorry, Bob).

Finally, as many of you are aware, the VARA's inaugural T-Hunt was held on October 9th. ... The plan of action is to hold VARA T-Hunts on a monthly basis on the weekend following the AARC T-Hunt which is usually held on the 3rd Sunday each month. This will give all participants a "home park" advantage one week and they would be in the "visitors" the next week. If this develops, maybe we could even expand into biannually major fox hunts with teams from the clubs competing with each other for bragging rights during the next six month period. We'll just have to wait and see how much participation we get.

As always, please remember that the VARA meeting is held on the 2nd Wednesday of each month (the day following the AARC meeting), so please feel free to join us for dinner and the meeting. We'd love to have you. 73 for now, **Bill, KC4TQF**

OVER THE HILL- November

Well, time once again for the comings and goings of the Valley Amateur Radio Association. On Sunday, the 9th of October, we held our 1st of many T-Hunts. I would say that it was a big success. It turned out better than I imagined and I would like to say "Thanks" to all those whose participation made it happen: Greg (N4PGS), Leroy (WA4MHP), Brian (N4IRT) and Allison, John (WA4KQX), Art (N2XUN), Ken (KE4GKT), and moral support from Joe (KD4FKT). Plus a special Thank You to Joe Fritz (KD4RWX) for being our "Fox". (It was located near the Outlet Mall just off I-64 near

Waynesboro.) Greg and Leroy found the fox first, so congratulations to them. It's just a pity that they had to travel all this way for a first place finish. Well, fellas, maybe this is a good omen for the next one (hi hi). Also on this particular Sunday we held our mini Swap-Fest. While we would have liked to have had hunters show up, a good time was had by all that were there and the weather was wonderful. We hope next year's will be bigger and better.

Our congratulations go out to Mike Dillon, KO4EA, who has been appointed E.C. for Augusta County. Mike comes up from Roanoke where he was involved with that Club. We all wish him luck in his new position. We also voted in 2 more Club members at this months meeting, so our Club continues to grow, slowly but surely. Club elections will be held next month, so we'll have some more news then, but for this month, that's about all I have. My thanks again to all who crossed "the hill" for our T-Hunt and I'm glad we had a nice day and beautiful scenery for you.

By the way, E.J., KD4IGX, and I were very saddened to hear that Al, KA2KBX, had become a Silent Key. Our hearts go out to Ruth, KD4IGU, and the rest of the family during this time of sorrow.

And with that, I'll sign for this month. 73 to all **Bill, KC4TQF**

BITS AND PIECES

T-SHIRTS T-SHIRTS T-SHIRTS

The AARC has purchased some very nice, heavyweight, white, cotton, T-shirts with the following printing:

[front pocket]

AARC

Special Service Club LOGO

[back]

RACES & Albemarle Amateur Radio Club
COMMUNICATIONS

These can be obtained from Joe (KD4RWX). They will be at the next club meeting. These are very handy for identification purposes at public service activities. The price is \$9.00. Checks made payable to A.A.R.C.

NEW HAM-IN-WAITING

Karen Taylor recently passed the final test for the Technician license. She adds a second station to the Pete Taylor, KC4UCK, household. Someone should have told Pete that because of the importance of this event, she automatically gets first dibs on the HF rig when she passes her code requirement. And, wouldn't it be ironic if she received "KE4UCK". The current sequence of calls being issued may be about right. Congratulations Karen!

PUBLIC EVENTS 1994

THANKS to all who have participated in the Public Service Events this year. A very good job done by all. There is a horse trial event on November 5th. Also, be prepared for unscheduled activity at any time (especially December). We should always be prepared for emergency service.

NEW MEMBERS:

WB4QKT Stacy "Chuck" Mills, M.D.

RENEWED MEMBERS:

W4NPX, Bob Blodinger

DIRECTORY CHANGES

The following corrections should be made in the DIRECTORY

CHANGE OF ADDRESS

LeRoy (K4ISW) to: 1863 Thomas Jefferson Parkway

Gene Bossieux, (W4IWW)

121 Ferncliff Drive

Williamsburg, VA 23188

ADDITION

Call Pending T

Karen Taylor

1195 Fox Ridge Road

Earlsville, VA 22936

804 973-2941

PHONE NUMBER CORRECTION

Bill, N4AOP 804 978-3125

- IT IS WORTH REPEATING -

[NOTE: Repeater users: The new controller has the following codes. An * is required at the end of all codes.

10* Time;

325* temporary tone override ON;

326* temporary tone override OFF..note change

911* EMERGENCY 911 CENTER

918* State Police 800 number

919* may be used to practice/test autopatch access.

This is a second phone line at Sam's house so use with care.

0* is used to bring down the patch and get an acknowledgement. The # will still bring down the patch but without an acknowledgement.]

T-HUNT RESULTS

The October T-Hunt was conducted on October 16th. Only two (2) hunters were out looking- LeRoy (WA4MHP) and Greg (N4PGS). Bill, KE4KJB, was the scheduled hider. The transmitter was located on the UVA Lawn. A second transmitter was located at a UVA parking garage disguised as Pete, KC4UCK.

The next T-hunt will be held on November 20th.



NOVEMBER 1994

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
COWW DX SSB OCT 29-30 Daylight Savings time ended on October 30th. Are you logging UTC correctly?		1 Board Meeting & Technical Session 7:00 PM	2	3 Total Eclipse of sun KD4GRM	4	5 ARRL SS-CW
6 ARRL SS-CW	7 INFO-NET 7:00 pm KD4ATI KD4TOR	8 AARC MEETING 7:30 p.m. NRAO W4CZY KC4UCK	9 Lunch Bonanza 11-1 KC4ZLZ	10 ARES NET 8:00 PM	11 KQ4MY	12 KD4NNL Albemarle County's 250th Birthday Celebration Albemarle County Office Building - 10:00 a.m.
13	14 INFO-NET 7:00 pm	15 WD4AYS	16 Lunch Bonanza 11-1	17 ARES NET 8:00 PM	18 N4WJQ	19 ARRL SS-SSB
20 ARRL SS-SSB T-HUNT 1:30 PM	21 INFO-NET 7:00 pm	22	23 Lunch Bonanza 11-1 KC4ZKA	24 ARES NET 8:00 PM THANKSGIVING DAY KD4CUA	25 Leftovers Day	26 COWW DX CW
27 COWW DX CW	28 INFO-NET 7:00 pm	29 LORIMA 1941-1991	30 Lunch Bonanza 11-1	* THIS SPACE FOR RENT * * \$30/month See Bob Ham, KB4LID *		

When you change the time on your clocks to E.S.T., DO NOT change the time on your UTC clock. UTC does not change. There is now a five (5) hour difference between E.S.T. and UTC.

1994 - ALBEMARLE AMATEUR RADIO CLUB - 1994

OFFICERS & BOARD MEMBERS

President	Greg Faust	N4PG5
Vice-President	Rick Berman	K04WQ
Treasurer	Sharon Duval	K04OC
Secretary	Joe Fritz	KD4RWX
Director	Harry Dannals	W2ID
Director	Mike Duval	AC4ZQ
Director	Sam Gentry	N4WJQ
Director	Hein Hvatum	N4FWA
Director	Bob Pattison	KM4DU

COMMITTEE LEADERS

Director	Committee	Chairperson
Bob Pattison, KM4DU	Fund-Raising	Bill Harri, N4ZZB
Hein Hvatum, N4FWA	Technical	Sam Gentry, N4WJQ
Harry Dannals, W2ID	Publications	Joe Fritz, KD4RWX
Mike Duval, AC4ZQ	Education	Bob Ross, WA2MF
Sam Gentry, N4WJQ	Activities	Roy Lane, W4OTF
	Digital	Ron Richey, K4RKA
	Recycling	Joe Fritz, KD4RWX
	Awards	

OTHER POSITIONS

ARRL Liaison	Pat Wilson	N0RDQ
ARES/RACES Coordinator	Hein Hvatum	N4FWA
ARRL VE Coordinator	John Gray	W6LZ
Trustee	Morris Jones	NM4R
Newsletter Editor	Joe Fritz	KD4RWX

AARC BULLETIN

Contact Information

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

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

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	91.5 Hz (If enabled, DTMF 325* will produce temporary Tone off and 326* will turn Tone back on)
	911 Autopatch.....access.....DTMF 911*
	911 Autopatch exit.....DTMF 0*
	Time.....
146.325/146.925	no tone
223.160/224.760	no tone
449.250/444.250	151.4 Hz (If enabled)
145.030	MACHO
145.030	CHO

NETS

Northern Piedmont Emergency Net

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

Information Net

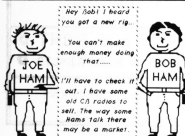
146.76 repeater Monday 7:00 p.m.
Newsline program and general news
Net Control: Mark, N4TZE

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

AARC BULLETIN NOVEMBER 1994

THE ADVENTURES OF JOE HAM and FRIENDS

© 1994 Joseph D. Fritz
JOE HAM (KD4RWX) does not endorse, promote, or encourage some of the language and situations presented. But, what can he do? He is a cartoon figure, for goodness sake. Created at the present time. Any resemblance to the experience of others is of course the basis of the whole idea. And, it is NOT true that JOE HAM said, "Where's the Smiley Bear?" on a Ham frequency. That was BOB HAM (KM4LID). Watch what you say on the air. As the old saying goes, "See you in the funny papers."
IDEAS ARE WELCOMED. IMPLEMENTATION NOT PROMISED



Joe Ham: "Hey Bob! I heard you got a new rig. You can't make enough money doing that.... I'll have to check it out. I have some old CH radios to sell. The way some Hams talk there may be a market."

Bob Ham: "Yes Joe. I made some extra money from my new line of work. I'm selling ad space in the monthly calendar. Oh yes! I can. I think the RF has affected some Hams' brains. And, they're willing to pay my rates.... No, CH won't sell. But you can sell any old tube rig to some of the old timers who say they remember when Marcan got his first RF burn."

CHO VA 229 10/28/94



Please check your mailing label for correctness of the information. Especially check- name, address, license class. Notify Joe (KD4RWX) of corrections needed.

CORRECTION OF LABEL INFORMATION REQUESTED — TO CORRECT? CALL PHONE 973-1738
KA4JJD N 1994 CURRENT MEMBER

Michael F. Rein
109 Sturbridge Rd.
Charlottesville VA 22901