

## December Club Meeting

Tuesday, December 12 at 7:30 PM  
National Radio Astronomy Observatory  
Auditorium, Edgemont Road (UVa area)

### It's Time Again!

Time to Renew your membership  
in AARC, that is!

If you haven't yet renewed, just fill  
out the renewal form on page 9 and  
send it with your check right away.  
Current memberships expire with the  
year. Don't wait--you won't want to  
miss the Annual Dinner next month!

December's program features Lee Catlin and  
Sgt. Richard Martin of the Albemarle County  
Police, who will be presenting an orientation  
on Mobile Watch.

Incoming AARC Vice President Greg Faust  
(N4PGS) will be announcing final details on  
the time and place of the Annual Dinner  
Meeting, currently set for January 7, 1996.



## Announcing--Ham of the Year Nominees

The following nominations for AARC Ham of the YEAR have been submitted. A vote  
will be taken during the December meeting. You must be at the meeting to vote--there is no  
provision for absentee ballots. Nominees are listed here in alphabetical order.

<u>NOMINATED</u>	<u>CALL</u>
Joe Fritz	KD4RWX
Hein Hvatum	N4FWA
Ron Richie	K4RKA
Ernie Sardi	W2EIU

The recognition presentation of a certificate will take place at the Annual Dinner (January  
Meeting) on January 7th. Congratulations to all the nominees.



## The President Speaks

I would have to say that one of the best transmitter hunts that I have ever been on was the one organized by Bill-KC4TQF on Nov. 12, 1995. My wife can honestly say that our Thanksgiving turkey was a hunted one - although she is glad it says "Butterball" on it and isn't one of those wild ones! It was challenging as well as being just plain fun. I also was able to see most of Augusta County. I can't wait to see what Bill has for us next time; I know that it will be interesting.

This will be my last "President Speaks". I would like to say thanks to all of the members for making this such a wonderful year at the AARC. I also think that we need to recognize what the officers, board members, committee chairpersons, and news editors have done for this club during the past year. Monthly speakers, new display case, Field Day, library talks, public service, more public service, Madison and White Hall, 911 phone outage, sweepstakes, two novice-tech classes, one general class, and much, much more. All due to the hard work of the officers, the board and the members. After Jan. 1, 1996, I plan to spend more time in developing the ARES group in Fluvanna and Louisa Counties. If you have any interest in participating or have any ideas for exercises, give me a shout or drop me a packet message. I hope that you have a wonderful Christmas and a Happy New Year.

73 for now.

LeRoy - WA4MHP - President AARC

## Veep's Corner

The Club meeting on November 14 was a very interesting one. Mike O'Shea, KE4WPG, had a very complete presentation on "grounding" in the shack and in the home. The presentation was good and was well received. Thank you Mike. Next month we will have a talk by Lee Catlin and Sgt. Richard Martin of the Albemarle County Police on Mobile Watch. We already have about 45 members of the AARC who are involved in Mobile Watch and hopefully this orientation will

provide us with a few more. It is a very worthwhile service for the community and the AARC.

This will be my last article as V.P. of the club. It has been a very interesting two years and for the most part I have enjoyed it. I will be staying on as part of the board of directors and hope to serve you all further as the coordinator for Mobile Watch. I hope to be able to submit some articles to the newsletter in that capacity. I am sure that Greg, N4PGS, will do a great job as vice president for the coming year.

That is about it for now. Take care and stay well.

Rick KO4WQ

## W4IWW SILENT KEY

It is with great sadness that we mark the passing of Gene Bossieux, W4IWW, on November 8, 1995 at the age of 88. He held an FCC Extra Class Amateur Radio license and a First Class Commercial Radio broadcast license. Gene was one of the charter members of the Albemarle Amateur Radio Club and was the trustee from 1962 until 1986. Gene was also active in the Charlottesville/Waynesboro club which preceded the formation of the AARC. He encouraged the association of the AARC with Civil Defense and was instrumental in arranging for the use of the fall-out shelter in the City Court House as our original club room. He designed and installed the antenna installation at the Court House. Gene was an active participant in the annual ARRL Field Day exercises and maintained much of the Radio Club's equipment for many years. He was active in VHF/UHF activities and was a consultant for many of the early repeater activities including the initial efforts on a 220 MHz repeater. Gene was the Chief Engineer for WINA and, after "retirement", for WJMA in Orange. He worked in radio communications for the Richmond Police before coming to Charlottesville. A few years ago Gene moved to Williamsburg to be nearer to his family but maintained his membership in the AARC. He was elected a Life Member of the Albemarle Amateur Radio Club in 1994.

Ron Richey, K4RKA

## Over The Hill



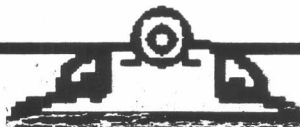
Winter is upon us and things are getting a bit colder than when I wrote the last column. First, I want to say Welcome Aboard to Paul and Eileen. I sure hope you guys aren't the slave drivers that my last editor was. This News game can be tough. Why can't I have a partner like Lois Lane? hihhi.

The results are in and it seems that the November Turkey Hunt was a success. We had 3 Teams and one Single Hunter. The Teams consisted of Greg -N4PGS and LeRoy- WA4MHP, Randy-KN4KB and Cowles-KB4CNI, Joe- KD4FKT and Brian-N4IRT, and our Solo Hunter was John-WA4KQX. All 3 area Clubs were represented- the AARC, VARA, and MARA. Working on the "FOX" end of things were Bob-WA2MFI, Joe-KD4RWX, Art-N2XUN, and myself. The Hunt started on time at 10:30 am on Sunday morning, Nov. 12. Our first transmitter was a voice transmitter similar to the type we normally use on our monthly Hunts. We located this one at the Riverheads High School about 7-8 miles west of Stuart's Draft. Transmitter 2 was a packet TNC operating on 5 watts transmitting a short beacon every 10 seconds. This one was located on the side of the road on Rte 42 about 30 feet from the Rockingham County line...one of the northernmost points in Augusta County. Transmitter 3 was a mobile transmitter operating between the towns of Piedmont and Barrenridge with the transmitter operating ONLY when it was in town and never while in transit. The day was beautiful although a bit cool. The Team of N4PGS and WA4MHP, running a nifty Doppler array, claimed 1st place in the Team category with a total time of 3 hours 29 minutes and a score of 404 points. KN4KB and KB4CNI came in next (also running a Doppler array) with a time of 3 hours 48 minutes and a score of 572. Last, but by no means least, was KD4FKT and N4IRT with a time of 4 hours 27 minutes...a very respectable time considering they weren't using any type of Doppler. Their score was 602. John-WA4KQX had to drop out as he was apparently having some problems with his gear. The prize for the 1st place finishers this year was, appropriately enough, a pair of frozen Turkeys for each Team member. I would like to say thanks to all those guys who came out on a cold Sunday morning and made this crazy idea a success...you're the best. I would also like to say that even though I'll not be coordinating the monthly Hunts next year, I will be coordinating at least 1 (a revision of this year's Turkey Hunt, but held in October) and maybe a 2nd....stay tuned for more information. I would also like to take this opportunity to say Thanks to everyone who has joined in the fun this year as either a Hunter, Fox, or both, or to those base stations who also joined in the

fray. I hope that in '96 we see some more folks join in the fun. Other than that, there's not much news over here. We held our elections last meeting. I'll get you the names of the new officers next newsletter, but I can say that Ken-KE4GKD was elected to his 3rd consecutive term as Club President. I can also say that Ken has decided to appoint a Club Bylaws Committee to check to make sure that there are Term Limits in our Bylaws before the next election. (say, Bob, does any of this fill you with a sense of deja vu???..hi). I told Ken I'd help make sure he's kicked out by next year.

The VARA Club Christmas Dinner was held on December 7th...it was really good...(I think since I'm writing this thing about 3 weeks early). EJ and I had a GREAT time actually making the last Club meeting over there. It was great to catch up with some folks we hadn't seen in a while. Well, time to wrap it up so I'll just say that from EJ and myself we wish you all a very Merry Christmas and a joyous and SAFE New Year and even though we will all be busy, take a short time out to remember the reason for the season.

God Bless you es 73.....Bill and EJ



### PUBLIC SERVICE EVENTS

Contact Hein (N4FWA) to sign up for events.

#### 1995 Events

MJH1 Tuesday 28 November 1800 EST  
Martha Jefferson Hospital  
emergency drill

#### 1996 Events

BKR1 Sunday 10 March 1996 Bike Race  
BKR1 Sunday 24 March 1996 Bike Race  
MSW1 Saturday 13 April (or Sunday 14)  
1996 MS Walk in Charlottesville  
BKR3 Friday 31 May 1996 Bike Race  
BKR4 Saturday 1 June 1996 Bike Race  
BKR5 Sunday 2 June 1996 Bike Race  
MSB1 Saturday 8 June 1996 MS 150-  
mile Bike Tour Day 1  
MSB1 Sunday 9 June 1996 MS 150-mile  
Bike Tour Day 2

## Year-End Overview

Ron Richey, K4RKA

The Albemarle Amateur Radio Club, WA4TFZ, operates four voice repeaters, two on two meters, one on 220 MHz, and one on 440 MHz, a packet node, and a PBBS on two meters.

### The .925 Machine

Thanks to the efforts of Hein Hvatum (N4FWA), the 146.925 repeater has found a permanent location on top of Martha Jefferson Hospital in downtown Charlottesville. While not as high as the previous location on Observatory Mountain, the site provides several benefits; emergency power from the hospital backup system, ability to use a bigger and higher gain antenna, and good coverage of the city of Charlottesville which is the primary objective for this repeater. With the antenna and the basic repeater improvements, the overall coverage has decreased only slightly to the north and actually improved to the south.

### Coverage Improvements

Coverage of the city proper is now possible with a handheld from almost all locations. The new equipment allows the use of 88.5 Hz sub-audible tone squelch when interference causes continuous keying problems. This has seldom been necessary and the repeater is on carrier access 90% of the time. Credit also goes to Joe Fritz (KD4RWX), Gerald Nauman (KN4FM), Rich Bradley (WB3DZC), Tom Lachendro (AD4AD), and the chairman of the AARC Technical Committee, Mike Duvall (AC4ZQ), for getting this machine up and running in its new location. The other repeaters have also had various improvements.

### The 16/76 Machine

An amateur can use touch tone 911\* on the 146.76 machine to report an emergency situation. Touch tone 0\* will close the patch. The 911 center has been trained to accept reports from hams and many calls have been successfully made in the last year. This repeater also has the capability of operating with 88.5 Hz subaudible tone when necessary. When the tone access has been enabled by the control operator, it may be temporarily turned off by a user on the 146.16 MHz input frequency by touch tone 325\*, allowing normal carrier access. The repeater will revert to tone access after 1 minute of no carrier or by touch tone 326\*. The operation of the packet node

on Carters Mountain has also been improved. Contributors to these efforts including site maintenance include (in addition to those mentioned above) Sam Gentry (N4WJQ), Bud Beazell (KB4JNI), LeRoy Sutter (WA4MHP), Pete Taylor (KC4UCK), Brian Fox (KE4HIA), Rick Berman (KO4WQ), Bob Stannard (N6AAR), Bob Pattison (KM4DU), Pete Wildman (AD4TU), Harry Dannals (W2HD), and Greg Faust (N4PGS). Apologies to anyone who was missed - your efforts are appreciated also. This is a BIG improvement from several years ago when only about 3 of us struggled to keep fewer and less capable repeaters on the air.

### Local Nets

There are two regular nets on the .76 repeater; the Monday night Info Net at 7 PM with net control Marc Rowley (N4TZE), and the Thursday night Northern Piedmont (ARES) Emergency Net at 8 PM with net control Morris Jones (NM4R). The Thursday night net is usually followed with the AARC On-The-Air-Swapfest and Technical Session chaired by Ron Richey (K4RKA), and Joe Giovanelli (W2PVY), respectively. Others who fill in as net control when needed include Harry Dannals (W2HD), and LeRoy Sutter (WA4MHP). Anyone in the area or passing through is invited to join either of these nets.

### Emergency Communications

Hein Hvatum (N4FWA), organized several practice emergency and public service events. The AARC/ARES group also participated in a couple of real emergencies including the Madison county flood in June. A number of capable people including Sam Gentry (N4WJQ), have proven their ability to respond on very short notice. Our net training and practice exercises have really paid off when the real thing occurs. The traditional ARRL Field Day emergency exercise was well organized by Bob Pattison (KM4DU) and Ernie Sardi (W2EIU).

The AARC also publishes a monthly newsletter and a yearly directory of Radio Amateurs in the Albemarle county area. Thanks to Joe Fritz (KD4RWX), and Mike Johnson (KD4NNL), for their efforts. We are expecting equally fine output from our new newsletter editors Paul Dean (WB9HGZ), and Eileen Dean (WD9EIA).

## ARE YOU READY?

Harry Dannals, W2HD

Here we go again...what does he mean, "Are you ready?" Sure, I'm ready, I guess! I'm ready to take on the challenges of a new day even though my spirit isn't always in the best shape for those new and exciting things I'm supposed to accept.

Well, that really isn't the reason for the question. The question is asked because this is the December issue of the Club's paper and in December we think about the new year. You know... all of those 1995 resolutions which were broken in the first few days of the year! This is the time to dust them off and "give it a go" once more. Aw c'mon, Harry, if they weren't any good for '95, is it reasonable to expect them to be any better for '96?

Sure it is! After all, we're all a year older and a year "wiser" according to the experts. The additional year should have given us the "smarts" to realize that all of those resolutions were too good to abandon.

Here's a resolution which was written for an earlier issue of the newsletter: "Whatever you are spending almost all your time on in Amateur Radio, cut back that time to the greatest extent possible and consider the following: Replace that activity with something you have not tried in Hamdom. For example, if you spend almost all of your time on 2-meter FM or chasing DX on the HF bands, why not try traffic-handling or QRP? And, if you are spending most of your time traffic-handling, why not join the crowd and ragchew a little. Basically, this is a call for you to find out what the other Ham finds so enjoyable about his or her particular interest in our activity. It will make you a better-rounded Ham (Aw, c'mon now, no nasty comments about how "round" some of us are already!) You will become a lot more tolerant when someone is bragging



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concerning that contact with a rare DX station in Lower Slobovia or Upper Bragadocio! You will listen with interest to the Ham who is telling you about his work on the OSCAR satellites or operating the traffic nets on 80."

Here's another point to consider at this time of the year, and it has nothing to do with "putting any of us on the spot" with those nasty resolutions. You might possibly be putting the final words down on your "wish list" for a Holiday gift. While many of us are thinking about how nice it would be to have that new multi-multi band/function rig, there are some rather practical considerations to ponder. Most of all... bux! However, your list could have a few Ham Radio books on something you want to look into further. Take a look at the list of publications and make a selection or two. You can have good reading material for years to come.

Happy Holidays to all and a Peaceful, Prosperous 1996.

73... Harry, W2HD

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## SKYWARN CLASSES

### Training Class Schedule

#### Basic I - Spotter Training:

(mandatory to receive SKYWARN ID)

- 7 to 10 pm, Wednesday, December 13 at NWS Sterling
- 7 to 10 pm, Wednesday, January 9 at NWS Sterling

#### Basic II - Thunderstorms and Radar:

(will receive spotter training certificate)

\*\* Prerequisite Basic I, also, best if taken after one season as a spotter

- 7 to 9:30 pm, Tuesday, Nov. 28 at NWS Sterling
- 1 to 3:30 pm, Saturday, Dec. 16 at NWS Sterling
- 7 to 9:30 pm, Thursday, Jan. 11 at NWS Sterling

#### Winter Storm Class: (optional)

- 7 to 9:30 pm, Tuesday, Dec. 12 at NWS Sterling

To register for a class: call 703-260-0107 between 8 am and 5 pm, Monday through Sunday during non-active weather.

*From the National Weather Bureau's Skywarn Newsletter*

Minutes for AARC Board meeting: November 7, 1995

One motion was made and passed. The Board voted to approve the purchase a KPC-3 tnc for use by the club. Cost approximately \$110.

Minutes for AARC Regular Meeting, November 14, 1995

The business portion of the meeting was purposefully curtailed due to possible weather problems.

No Minutes or Treasury Report were read or approved.

A new membership application was approved: The new member is Roger Sethmann (no call). Roger is currently enrolled in the Novice/Tech class.

Notice was given that Gene Bossieux (W4IWW) had become a Silent Key on November 8, 1995. Gene was a Charter Member of the AARC. He was also a Life Member of the AARC.

Bill (KC4TQF) reported the winning result of the T-Hunt he managed in Augusta County on November 12th. AARC members LeRoy (WA4MHP) and Greg (N4PGS) were the first place finishers.

Hein (N4FWA) mentioned that the Martha Jefferson Hospital Drill will be held on November 28th. Sufficient volunteers are available. Packet will be utilized during this drill.

Mike O'Shea (KE4WPG) gave a very good presentation on Grounding. He also left a notebook which contains the outline of the talk and several related articles and information sheet. This material is in the hands of the AARC Secretary.

Respectfully submitted, Joseph D. Fritz (KD4RWX), Secretary, AARC.

MONTHLY REPORT - DECEMBER, 1995  
Treasurer: Sharon Duvall, KO4OC

**INCOME**

Income:	
ARRL	27.00
Donations	
Walmart	300.00
County Albemarle	200.00
Repeater	140.00
Surplus Material	2121.00
Telephone	200.00
Total Donation:	\$2961.00
Dues:	1200.00
Fund Raising	219.00
Textbook Sales	206.00
Directories	10.00
ID Vests Sold	130.50

**TOTAL INCOME: \$4753.50**

**EXPENSES**

Expenses:	
Bonanza Display Case	-268.82
Refreshments	-196.00
Education (Books)	-330.40
Entertainment	-898.50
Equipment and Repeater	
Parts	-715.07
Field Day expenses	-334.54
Insurance	-147.31
Postage & Publishing	-416.95
Purchase ID Vests	-585.20
State Corporation Fee	-25.00
Subscription (SERA)	-20.00
Supplies	-186.86
Telephone	-364.08

**TOTAL EXPENSES -4488.73**

1995 GAIN OR LOSS TO DATE \$264.77  
1994 BALANCE FORWARD (1-1-95) \$4751.28

**CURRENT BALANCE \$5016.05**

# PUBLIC SERVICE

by Ron Richie, K4RKA

## Whilton Horse Trials

16 Sept 1995

For the third or fourth time (2nd at Whilton Farm) the radio amateurs were asked to provide radio communications for public safety at a local equine Cross Country event. This is an enjoyable event for those who like to watch a sport as well as talk on their radios. There are approximately 19 different jumps or obstacles which the horse and rider must go over. The amateur radio operators are stationed near each obstacle in order to report how a particular rider is progressing so that, in case of trouble, following riders can be held at previous sections as necessary. Other operators shadow event organizers, act as net control station, or other duties. Again this year, I recorded the event on video and have an edited tape available if anyone is interested in seeing it.

The radio communications were organized by "Mr. Clipboard" - HEIN HVATUM (N4FWA). Net Control was handled by SAM GENTRY (N4WJQ), and ERNIE SARDI (W2EIU).

Other positions were filled by:

GREG FAUST (N4PGS)  
RON RICHEY (K4RKA)  
NANCY RICHEY (WB4RBW)  
BILL POINDEXTER (KF4EFY)  
LINDA REUST (KC4MYI)  
AL GREEN (KD4NRE)  
RICK BERMAN (KO4WQ)  
DAVID DAMON (KE4YLR)  
FRED NEWMAN (KE4ZNO)  
JOE GIOVANELLI (W2PVY)  
JUNE GIOVANELLI (KD4ATH)  
DON BUSH (KE4DDR)  
RICHARD DALE (KO4EV)  
KAY BROWN (KD4CUJ)  
DAVID BROWN (AD4GK)  
LEROY SUTTER (WA4MHP)  
MILES GENTRY (N4YEQ).



## Montpelier Hunt Races

November 1995

This year the radio amateurs were again invited to Montpelier to provide radio communications. After last year the organizers had a good idea of what we could do to contribute to participant and spectator safety (our 'purpose' for being there) and we expected a more active role in the operation. In the end we did much the same thing we did last year except that all the horses were in a single barn this year, so the actual communications role was greatly decreased. Jessie, Linda, and Terry had the most active roles throughout the day and did a good job of keeping traffic on a one way road flowing smoothly. Fortunately there were no serious accidents this year and few minor ones, so even the video crew who were near the track most of the time had nothing to report. I hope those who were assigned to the various gates and other locations will enjoy the video and still pictures. I recorded the event on video and have an edited tape available if anyone is interested in seeing it.

A list of the amateur participants follows:

- AMATEUR RADIO COMMUNICATIONS COORDINATED BY HEIN HVATUM (N4FWA)
- NET CONTROL: GREG FAUST (N4PGS) and CHRIS STROOT (KE4ZXE)
- VIDEO: RON RICHEY (K4RKA), NANCY RICHEY (WB4RBW), and BILL POINDEXTER (KF4EFY)
- RADIO COMMUNICATIONS PROVIDED BY:
  - MIKE DUVALL, AC4ZQ
  - ERNIE SARDI, W2EIU
  - PHIL LAWRENCE, W4DGN
  - JESSIE PRESTON, KE4OID
  - LINDA REUST, KC4MYI
  - TERRY HENDERSON, KE4SSD
  - AL GREEN, KD4NRE
  - RICK BERMAN, KO4WQ
  - DAVID DAMON, KE4YLR
  - BILL HOLMAN, KE4KJB
  - BOB LINDSAY, WB2MVA
  - FRED NEWMAN, KE4ZNO

## Amateur Radio Exam Dates for Virginia

12/02/95 (ARRL) Charlottesville, 804-973-1094, John D Gray  
 12/02/95 (ARRL) Virginia Beach, 804-468-9166, Judy Rogers  
 12/08/95 (ARRL) Galax, 703-236-8672, Joseph A Kolb  
 12/09/95 (ARRL) Richmond, 804-798-5048, Rick Cook  
 12/10/95 (ARRL) Lynchburg, 804-386-4651, Charles L Beard AD4ST  
 01/12/96 (ARRL) Galax, 703-236-8672, Joseph A Kolb  
 01/21/96 (ARRL) Roanoke, 540-890-6782, Terrance V Vlugg

## GREET THE NEW FOLKS!





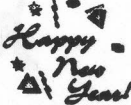
Reprinted courtesy September, 1946, QST, © ARRL

New Member: Roger Sethmann (no call yet-- Roger is enrolled in the Novice/Tech class)

### DEADLINE for the January issue of *AARC Bulletin* is December 16.

Send your articles to either Paul (WB9HGZ) or Eileen (WD9EIA) at: 4300 Sylvan Lane, Charlottesville, 22911 (U.S. mail), or at 74146.446@COMPUSERVE.COM (email).

To reach us through the club bulletin board, send your articles to Mike, KE4UKX, our resident packet operator, and he'll see we get them--MUCH faster than if you packet straight to us!

DECEMBER 1995						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1 KE4AEK	2
3 W4OTF	4 INFO-NET 7:00 pm	5 Board Meeting & Technical Session 7:00 PM	6 Lunch Bonanza 11-1 KD4LSU	7 ARES NET 8:00 pm	8	9
10 N2XUN	11 INFO-NET 7:00 pm	12 AARC Meeting 7:30 pm KC4ZZP	13 Lunch Bonanza 11-1	14 ARES NET 8:00 pm W2BWR	15 N0RDQ	16 Newsletter Deadline!
17	18 Hanukkah  INFO-NET 7:00 pm	19	20 Lunch Bonanza 11-1	21 ARES NET 8:00 pm	22	23 WA3KDR
24	25 Christmas  NO INFO-NET	26 KD4IGY	27 Lunch Bonanza 11-1 KT0P	28 ARES NET 8:00 pm	29	30
31 WB3DZC WG4T	January 1 NO INFO-NET					





## CLASSIFIED COLUMN

*To list an item in this section that is NOT on the WA4TFZ packet bulletin board, contact Paul, WB9HGZ or Eileen, WD9EIA.*

**WANTED: TOWER SECTIONS & 2 METER MOBILE TRANSCEIVER** 11/9/95 Marc, N4TZE, is looking for two 10 foot sections of any style tower. He is also looking for a 2m mobile preferably Yaesu. Call 804-356-0081.

**WANTED: 2 METER HT AND 2 METER MOBILE** 11/9/95 Richard, KO4EV, is looking for a modern 2 meter HT and a 2 meter mobile, preferably Alinco. Call him at 804-973-3723.

**WANTED: 2M/440 ANTENNA & CO-AX** 11/9/95 Rick, KO4WQ is looking for an antenna for 2m/440 plus about 50 feet of low loss co-ax to use at the Western Albemarle Rescue Squad. If you can help, call him at 804-823-1128.

**WANTED: CAMCORDER BATTERY CHARGER** 11/9/95 Bill, KE4JSU, is looking for a charger for a 2.3 amphour 12v cam corder battery. If you can help him, call 804-295-9529.

**WANTED: 2-METER HT** 11/16/95 Wanted Kenwood 2-meter HT with extended receive including WX and aircraft. Contact Brian Meadowcraft at 804-589-3073.

**FOR SALE: HEATH HW-101, PWR SUP, D104 MIKE** 11/16/95 For sale Heath HW-101 with matching power supply and D104 microphone. Good condition, everything works, \$125. Call Montie, KE4RZK, 804-296-0665.

**WANTED: INFO ON TANDY 102 FOR PACKET** Bill, KF4EFY, is looking for information to convert the internal modem on a Tandy 102 computer for packet. If you have any articles or knowledge of how to do this, please call him at 804-977-1424.

## 1996 MEMBERSHIP RENEWAL FORM

It's time to renew your membership with the AARC! Renewal is due by January 1st of each year.

Dues rates are:	Regular - Single Adult Membership:	\$15	
	Two or More Adults in Same Household:	\$20	(Please circle the dues
	Youth (not yet 18 years old on Jan. 1):	\$0	amount for the membership
	Subscription Only (see note below):	\$5	option you are choosing.)

Complete the following for EACH PERSON RENEWING

**1995 ALBEMARLE AMATEUR RADIO CLUB  
OFFICERS AND BOARD MEMBERS**

President  
Vice-President  
Treasurer  
Secretary  
Directors:

LeRoy Sutter  
Rick Berman  
Sharon Duvall  
Joe Fritz  
Brian Fox  
Joe Giovanelli  
Bill Hariu  
Gerald Nauman  
Elwood Shrader

WA4MHP  
K04WQ  
K04OC  
KD4RWX  
KE4HIA  
W2PVY  
N4ZZB  
KN4FM  
KB4DJN

Vice-President  
Treasurer  
Secretary  
Directors:

Rick Berman  
Sharon Duvall  
Joe Fritz  
Brian Fox  
Joe Giovanelli  
Bill Hariu  
Gerald Nauman  
Elwood Shrader

K04WQ  
K04OC  
KD4RWX  
KE4HIA  
W2PVY  
N4ZZB  
KN4FM  
KB4DJN

**COMMITTEE LEADERS**

Director	Committee	Chairperson	
Gerald Nauman	KN4FM	Technical	Mike Duvall AC4ZQ
		Digital (sub-com)	Greg Faust N4PGS
Elwood Shrader	KB4DJN	Publications	Joe Fritz KD4RWX
Brian Fox	KE4HIA	Education	Bob Ross WA2MFI
LeRoy Sutter	WA4MHP	Activities	Hein Hvatum N4FWA
Sharon Duvall	K04OC	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
ARRL VE Coordinator	John Gray	W6UZ
Trustee (WA4TFZ)	Morris Jones	NM4R
Newsletter Editors	Paul Dean	WB9HGZ
	Eileen Dean	WD9EIA

**CLUB MEETINGS**

Regular Meeting: Second Tuesday of each month at 7:30 PM

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Board & Technical Meetings: First Tuesday of each month at 7:30 PM  
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Meetings are held at the National Radio Astronomy Observatory (NRAO) building, Edgemont Road (UVa area)

**WA4TFZ REPEATERS**

INPUT/OUTPUT	TONE ACCESS
146.160/146.760	88.5 (if enabled, DTMF 325* will produce temporary Tone off and 326* will turn Tone back on)
Emergency Autopatch to access 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	91.5 Hz (if enabled) 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.

Newslines program and general news

Net Control: Mark, N4TZE