

November Club Meeting

Tuesday, November 14 at 7:30 pm
National Radio Astronomy Observatory
Auditorium, Edgemont Road (UVa area)

Mike O'Shea, KE4WPG, will be speaking at the November meeting on grounding and perhaps other topics.

Bring your emergency kit to the meeting and show off your idea of what makes a good kit.



KE4WPG will be giving tips on how to avoid those shocking experiences.

In This Issue:

Election Results
The President Speaks
Radio Nostalgia
Events Calendar

and more!

HAM OF THE YEAR NOMINATIONS INVITED

If you wish to nominate someone for the 1995 AARC Ham of the Year, you should do so by November 15th. A change in procedures this year will allow those members present at the December Meeting to vote directly for the Ham of the Year. There is no provision for absentee voting. Nominations will be published in the December Newsletter. Official recognition will take place when the HAM of the YEAR is presented at the Awards Ceremony during the Winter Dinner meeting in January.

To nominate an AARC Member, provide a written nomination with a brief reason for your choice(s) and turn it in to Joe Fritz, KD4RWX. The nomination statement will be read at the December meeting prior to the election.

You may mail Joe your nomination or hand deliver it at anytime prior to November 16th. His address is: Joseph D, Fritz 2306 Williamsburg Road Charlottesville, VA 22901. Email Joe at: bucoda@aol.com



The President Speaks

Veep's Corner

During the month of October, I had the pleasure of demonstrating packet radio to the Fluvanna County Fire Department, Rescue Squad, and Sheriff's Department. All services responded very favorably to using packet for emergency communications (more favorably than I expected). Again, I would encourage you to use packet for more than just logging into the BBS and looking at the sales items. Keyboard to keyboard can be a lot of fun. Harry and I have done it several times. It takes practice to get used to the delay while the other station is typing a response. There are also two ARES DATA servers out there that you should try. (The instructions are posted on the packet board in the DOS directory under the ARES DATA directory.) Give packet a try. If you do not have a packet station, give someone a call that does.

Check out the "Field Day" scores and the "Field Day" article in November's QST. Page 125, 2090 points. Again, I would like to thank all those who made Field Day possible. I would also like to thank KM4DU for organizing the activities and sending a report to the ARRL about the nets that were running in the area shortly after Field Day.

I would also like to thank the nominating committee for obtaining candidates and running last month's elections. They presented us with a good slate of candidates. Congratulations to the winners.

That's all for now.

LeRoy-WA4MHP
President-AARC

We had a very interesting meeting last Tuesday what with the AARC Club elections and a very informational talk by Greg (N4PGS) about the PBBS and its various applications as regards ARES and RACES and the local ham radio community. The results of the elections, I'm sure, you will find in other parts of this "DEBUT" issue, of the Dean's. Suffice it to say, it looks like a very good and interested board for the coming year.

We had a rather serious discussion of the AARC's role in the area of public service. After some discussion, we decided to take Kaye Hardin, the Albemarle area emergency coordinator, up on his invitation to have the AARC wear a beeper for a year as a means of his alerting a large number of groups, such as the Fire and Police departments, the Red Cross, the Rescue Squads, the hospitals, and so on, all at the same time in case of a disaster where our unique skill and services are required.

The beeper will be rotated among eight or ten of the members of the AARC. Each would wear it for about two weeks at a time. If we receive a call by beeper, then it will be the responsibility of the beeper wearer to alert the club by telephone tree or long tone zero or whatever means are available. If we decide at the end of the year's trial that it is or is not worth the expense of renting the beeper, we can reach a decision at that time. Should be an interesting year. That's it for now. Keep this weather coming.

73,
Rick (KO4WQ)



Club Officers for 1996

Elections for club officers for 1996 were held at the October meeting. Congratulations to the 1996 officers and directors, and thanks to all who were willing to serve. New officers start work January 1, 1996. Here are the election results.

President: Pete Wildman AD4TU
Vice President: Greg Faust N4PGS
Secretary: Joe Fritz KD4RWX
Treasurer: Sharon Duvall KO4OC

Directors: Rick Berman KO4WQ
Mike Duvall AC4ZQ
Hein Hvatum N4FWA
Jessie Preston KE4OID
Ron Richey K4RKA

CHARLOTTESVILLE VE TEST SESSION

December 2, at the NRAO auditorium
Testing begins at 9:00 a.m.

You must bring:

1. CURRENT ORIGINAL Amateur Radio License (if any).
2. Original of CSCE's for element credit you wish to claim.
3. Two forms of ID from this list: photo ID, driver's license, school or employer ID card, birth certificate with appropriate seal, passport, any business or personal correspondence addressed to you.
4. A #2 pencil (and eraser!) and an ink pen.

Pre-registration REQUIRED - Call John Gray, W6UZ at 973-1094 for details. You will need to turn in a completed FCC 610 form and the registration fee of \$5.90 to register.

PUBLIC SERVICE EVENTS 1995 and 1996

Contact Hein (N4FWA) to Sign up for Events.

1995 Events:

HRS2 Saturday 04 November Montpelier Horse Race

MJH1 Tuesday 28 November 1800 EST Martha Jefferson Hospital emergency drill

1996 Events: Some Early Plans

BKR1 Sunday 10 March 1996 Bike Race

BKR2 Sunday 24 March 1996 Bike Race

MSW1 Saturday 13 (or Sunday 14) April 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

MSB2 Sunday 9 June 1996 MS 150 mile Bike Tour day 2

From the Editors

We've enjoyed putting together this first newsletter. Your comments, complaints (gulp!) and, of course ARTICLES are always welcome. You can reach us at:

74146.446@COMPUSERVE.COM

or 4300 Sylvan Lane, Charlottesville, 22911 or through the club packet bulletin board. (Our station is--at last--out of the attic and working fine. HGZ decided it was a good excuse for some kit-building, so it's a brand-new Ramsey transceiver hooked up to our old XT.)

Thanks to Joe, KD4RWX, for catching all the packet news for us this month, and especially for all his help and advice as we got this issue together.

73, Paul (WB9HGZ) and Eileen (WD9EIA)



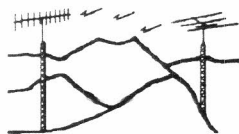
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SWEEPSTAKES DATES

November 4-5 - CW
November 18-20 - phone

Rules and further details can be found on page 125-126 in the October issue of QST.

Over The Hill



Well, it's starting to get a bit nippy and the old weatherman is saying we may get our first frost tonight, so I thought I'd stay by the fire and write this month's column. During the October meeting, the VARA selected a slate of names who will be voted upon next month as our 1996 Board of Directors. I am looking forward to seeing who gets the nod. The VARA/MARA Christmas Dinner will be held Dec. 7th at Pano's in Harrisonburg. The food had better be good or that day will certainly go down in infamy!! As of this writing, the AARC 1996 Board has been elected, but I don't have any info. In fact, you'll have it before I will and besides, that will be mentioned elsewhere in this fine publication.

The results of the September T-Hunt on our side of the hill are as follows: 1st place went to John - WA4KQX and the Runner-Up goes to LeRoy -WA4MHP who also had Fox duty for the October Hunt held in Albemarle County. I must say the Hunt LeRoy put together was a blast! I was fortunate to have been the first one to locate him and Harry -W2HD got high points in the base station category.

By the time you read this, the Turkey Hunt will either be over or will be coming up real soon. As of this writing, we have 2 teams entered and I hope for a few more before November 1st. There will be no T-Hunt for December. And speaking of T-Hunts, I would like to ask anyone who would like to coordinate the Hunts to please contact me as I will not be able to continue to coordinate them after the end of the year. Joe-KD4RWX started the regular Hunt a couple of years ago and we've been slowly generating more interest so I would like to see it continue. PLEASE don't be afraid to get involved!! Call me...I would be glad to discuss it with you.

A note of interest...the VARA and the MARA have voted to go to bulk mailing for their Joint Newsletter. That means that we will need to mail out 200 or so newsletters. Given the fact that the combined membership of the 2 Clubs is only about 120-140, this will leave us with a few spares. From time to time I will be able to get a few for distribution over there. So if anyone is interested

in getting one please feel free to let me know. Quantities will be REALLY limited (4-10) so I'll do the best I can. First come-First served - unless you have a 10 spot or higher.....hihi (-:-)

That's all from the Valley. I hope you all have a chance to check out the fall foliage.....it's spectacular.

73 de Bill (KC4TQF)

October Hunt Results

LeRoy Sutter

This is to summarize last month's "What If" column. We had a Northern Piedmont Emergency Net call up on Sunday October 15, 1995 at 1:30 P.M. The call up was to establish a working net to locate a hypothetical missing vehicle. The results were as follows:

- > Call up at 1:30 P.M. (Local Time)
- > Beacon started at 1:37 P.M.
- > Missing Vehicle found at 2:58 P.M. at Monticello Ave. & Tufton Ave. (Clark Elementary)

Scoring as follows:

Base Stations

W2HD	150 Points
KD4KWE	100 Points
WB6QKB	100 Points
KE4NNT	100 Points
KA4MCA	100 Points

Mobile Stations

KC4TQF	155 Points
KE4ZXE/N2XUN	125 Points
KB4CNI	125 Points

Congratulations to Harry W2HD and Bill KC4TQF for being the points winners in their area. Next month there will be a Turkey Hunt in the valley. Registration is required. If you are interested, call KC4TQF and sign up. It should be a lot of fun.

LeRoy-WA4MHP
E.C. Fluvanna Louisa Counties

NOSTALGIA AND TOMORROW

Harry Dannals, W2HD

For those who lived in the days of "arc and spark" and super regenerative receivers and modulated oscillators, today's modern gear must be truly amazing! There is little doubt that the technology we enjoy has grown by leaps and bounds.

It was only a few years ago (or it seems that way) that "Sputnik" was in orbit and transmitting its "HI" signal in Morse code as it circled the globe. It was the size of a grapefruit or a little larger, but the signal was there for the world to hear. Compare that with today's space shuttles, communications satellites and the walks on the moon and you have a very graphic view of what has happened in only 35 years since Sputnik. It might have taken centuries to reach this point, but technology has grown in rather large chunks in recent decades.

This growth in technology has served Amateur Radio very well with the development of today's communications equipment and, yes, the price tag, too.

What's that you say? The price tag... ham gear costs an arm and a leg... don't you keep up with the times... you certainly don't know what you're talking about.

Well, readers... at least those of you licensed within the last decade or so... it is very easy to take issue with your feelings. It isn't necessary to go back too many years to prove the point. In the early 1950's, E. F. Johnson (who's that) had a popular kit called the Viking II. It cost \$279.95 in kit form and became a 150-watt AM/CW transmitter when fully (and properly) assembled. A variable frequency oscillator (VFO) for that rig cost an added \$49.95, once again in kit form. Here

This growth in technology has served Amateur Radio very well with the development of today's communications equipment and, yes, the price tag, too.

we have a VFO/Transmitter for a total price tag of \$330 and we don't have a receiver. One of the popular receivers of the day went for another \$300 and our total investment was \$630.



E. F. JOHNSON COMPANY
WASECA, MINNESOTA, U. S. A.

Logo and banner from E.F. Johnson, from an advertisement in the January, 1965, issue of QST, touting their "complete line of amateur transmitters and accessories."

Today, you can purchase a very excellent 100-watt transceiver and it has dual oscillators, superior receiver performance and costs around 1000 to 1500 dollars... oh, yes, you need a 12-volt supply to make it play. There, you say, that's a lot more than the \$630 quoted above. Yep, you're right, but let's consider inflation in the formula. At something like 5% a year, our \$630 figure looks like over \$1500 in today's dollars.

Incidentally, the old gear will go on the nostalgia market for a price which will astound most of us. So-called "antique" gear is bringing top dollars in the nostalgia circles. If you know any old time Ham who has some dusty gear in the attic, closet or anywhere else in the house, tell him to dust it off and advertise it as soon as possible. He could own one of the modern rigs in easy fashion with the dollars resulting. Or, just perhaps, he might want to put it back on the air and enjoy "nostalgia."

73...

Harry, W2HD

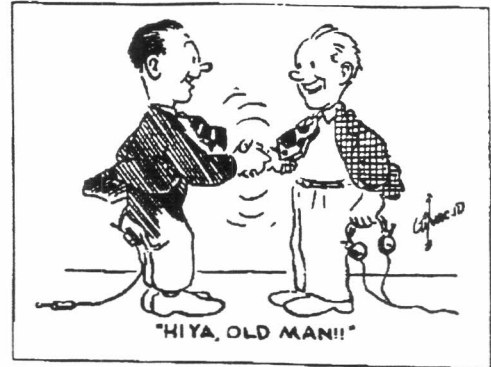
Amateur Radio Exam Dates for Virginia

11/04/95 (ARRL) Portsmouth, 804-484-2857, Arthur A Thiemens
11/04/95 (ARRL) Sterling, 703-450-2304, Michael Weber
11/10/95 (ARRL) Galax, 703-236-8672, Joseph A Kolb
11/17/95 (ARRL) Stafford, 703-786-8012, Jim McCloud N4LZJ
11/19/95 (ARRL) Lynchburg, 804-386-4651, Charles L Beard AD4ST
11/19/95 (ARRL) Roanoke, 540-890-6782, Terrance V Vlug
11/20/95 (ARRL) Coeburn, 703-395-6595, Clinton W Hawkins, Jr
11/22/95 (ARRL) Arlington, 703-681-8994, James W Fox
11/25/95 (W5YI) Gloucester, 804-693-2117, Fran Sterling
11/25/95 (ARRL) Manassas, 703-368-6050, Harry Vorhauer W4PVA
12/02/95 (ARRL) CHARLOTTESVILLE, 804-973-1094, JOHN GRAY - pre-registration required
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

GREET THE NEW FOLKS!

New Member: Jerry Bailey (N4XJT)



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Also listen for Bill Poindexter (KF4EFY) a new ham in the area. KF4EFY works at Sperry.

NOVEMBER 1995						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1 Lunch Bonanza 11-1 CLASS at CATEC	2 ARES NET 8:00 pm	3	4
5	6 INFO-NET 7:00 pm	7 Board Meeting & Technical Session 7:00 PM KD4TOR	8 Lunch Bonanza 11-1 CLASS at CATEC W4CZY KC4UCK	9 ARES NET 8:00 pm	10 KE4NNT KE4UKZ	11
12 KD4NNL	13 INFO-NET 7:00 pm	14 AARC Meeting 7:30 pm	15 Lunch Bonanza 11-1 CLASS at CATEC WD4AYS	16 ARES NET 8:00 pm	17	18 N4WJQ
19	20 INFO-NET 7:00 pm	21	22 Lunch Bonanza 11-1 NO CLASS	<i>Happy Thanksgiving</i> NO ARES NET KC4ZKA	24 KD4CUA	25
26	27 INFO-NET 7:00 pm	28 W4LNT	29 Lunch Bonanza 11-1 LAST CLASS	30 ARES NET 8:00 pm	DECEMBER 1	DECEMBER 2 Amateur Radio EXAMS at NRAO 9:00 am

Building the J-Pole Antenna

J.L. Dean, KE4UKZ

My friend, Keith Starling, KF4CRI, and I built two J-Pole antennas using the instructions that were in the September issue of the AARC bulletin.

Building the antenna was a lot of fun and very easy, too. The most fun part was cutting the pipe. The hardest part was shining the pipe. My dad had to help us with the soldering.

To make our antennas work better and make them weatherproof we put Krylon on the whole antenna and we put silicone sealer on the connections so they wouldn't get wet. So water wouldn't get caught inside of it, we left off the bottom cap.

When we tested the antennas, both of them worked! To give you an example of the success we have had with those antennas, Keith got a repeater in Roanoke with his J-pole. And that was while Keith was using his handi-talkie, with his antenna in the attic.



AARC PICNIC, SEPTEMBER, 1995

photo by Terry Henderson, KE4SSD

Look for more and better pictures of future AARC events (we hope!) as ace photographer Terry, KE4SSD, and your intrepid editors smooth out a few technical challenges.

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: FOLD OVER TOWER 9/7/95 Glen, N4KEI, is looking for a fold over / crank up tower in the 40 foot neighborhood. If you have something you wish to sell, contact him at (540) 298-9227 (Elton) or leave message with Ron, K4RKA at (804) 973-3640 or leave a message to K4RKA on WA4TFZ pbbs.. 73, Ron sk

FOR SALE: MODEM 9/7/95 I have for sale a Practical Peripherals PM 2400SA modem in excellent condition for PC or Mac with connecting cables, power cable and manual. Perfect for Telephone BBSs and other applications requiring up to 2400 baud. Reply to Rick, KO4WQ on WA4TFZ PBBS or call at (804) 823-1128.

FOR SALE: 2 METER MOBILE/BASE 9/14/95 Pete, AD4TU, wishes to sell a Kenwood TM255A mobile or base 2 meter xcvr, 45 watt fm,ssb,cw. \$750. (804) 973-2913.

WANTED: APPLE COMMUNICATIONS PROGRAM 9/14/95 Mike, KE4WPG, is looking for a communications program to use with a KPC3 TNC and an Apple II computer. If you can help, call him at (804) 295-6915.

WANTED: 2M MOBILE & HT 9/14/95 Richard, KO4EV, is back from wonderful Costa Rica and is looking for a mobile 2 meter rig, preferably Alinco, and a HandiTalkie. If you want to sell either, contact him on 2 meters, pbbs or at (804) 973-3723.

FOR SALE OR TRADE: TAPE BACKUP SYSTEM 9/21/95 I have an external tape backup system for IBM/compatible computer. Sell or trade - would like a scanner or ??? Call Scottsville 286-2993 Bernard - K4PRT

FOR SALE OR TRADE: ICOM IC04AT 9/21/95 Don, KE4DDR, has an ICOM IC04AT 450 ht for sale or trade for a 2m HT. If interested, call him at 804- 978- 1533.

FOR SALE: 2 METER HT - Ten-Tec model 2591 HT: 9/28/95 Radio works great but will need a battery insert before long. This HT is a 2 meter only. Asking \$90.00. Call 703-828-0925 anytime and leave a message on machine if I am not at home. Mark, WA4E

WANTED: LOOKING FOR A SCANNER: 10/12/95 Brian, a future ham, is looking for a hand-held scanner. Coverage from 10 meters to 2 meters and weather frequencies. Call Brian Meadowcroft at 804-589-3073. listed by WA4MHP, LeRoy

WANTED: LASER DISC: 10/12/95 I am looking for a few laser discs so that my son-in-law can check out a laser disc player that he has just purchased. If you have any that that you would be willing to sell or loan, please contact me: WA4FJC@WA4TFZ. Thanks, Gordon.

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

President	LeRoy Sutter	WA4MHP
Vice-President	Rick Berman	KO4WQ
Treasurer	Sharon Duvall	KO4OC
Secretary	Joe Fritz	KD4RWX
Directors:	Brian Fox	KE4HIA
	Joe Giovanelli	W2PYY
	Bill Hariu	N4ZZB
	Gerald Nauman	KN4FM
	Elwood Shrader	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	KO4OC	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

Board & Technical Meetings: First Tuesday of each month at 7:30 PM

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

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

**AARC BULLETIN
NOVEMBER 1995**

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

