

January Club Meeting

Sunday, January 14 at 7:00 PM
THE SHERATON HOTEL
(located near Sam's Club on 29N)
Winter Dinner

Ham of the Year 1995

The AARC is pleased to announce that Ron Richey, K4RKA, has been voted 1995's AARC Ham of the Year. Congratulations to Ron, and thanks to all our nominees and those who submitted nominations.



Winter Dinner at Sheraton Inn

January's meeting will be a dinner meeting, instead of a regular business meeting. We'll meet at the Sheraton on the 14th of January at 7:00 PM to enjoy a buffet dinner, have some award presentations and visit with other Club members. The Sheraton is located on 29 North, near WalMart and Sam's Club.

The cost of the dinner will be \$13.50 per person, half price for children 10 and under, and children under five are free. Please make reservations before January 7th by contacting Greg Faust, N4PGS at any of the following locations:

- On 2 meters, 146.760 Mhz on the WA4TFZ repeater
- On packet, leave a message (SP) on the Club PBBS for N4PGS, the full address is N4PGS@WA4TFZ.VA.USA.NA
- On Internet, the address is greg.faust@cho.ge.com or NRHN11A@prodigy.com
- On the telephone (voice mail) 978-1962
- or if you want to get really old-fashioned, send a postcard to Greg Faust, N4PGS, 2624 Lawrence Road, Charlottesville, VA 22901-8945

This should be an interesting meeting, so please plan to attend. Reservations will be accepted up to the last day, so don't let that stop you (but please try to let Greg know as soon as possible).



The President Speaks



The first days of the New Year are the traditional time for new beginnings and as you read this I will have just begun serving as President of the AARC. Allow me to introduce myself to those of you who don't already know me. I'm Pete Wildman, AD4TU. Before I got my current call I was KR4PU, and before that I held KD4SOA. My interests in amateur radio are primarily HF DXing, VHF weak-signal work, and above all, contesting. Several of my family members are hams, and most of my friends are amateurs as well. I guess you could say that amateur radio plays a big part in my life. But after all, the word amateur is derived from the Latin *amatorem*, meaning one who loves something, and that summarizes my feeling towards the Amateur Radio Service: I love it, and I hope you find it as fascinating, stimulating and rewarding as I do.

I'm very excited about what 1996 has to hold for the AARC and its members. With all of the different activities of the club, there is something for everyone to take part in and enjoy. So dust off the HT and help with a bike race, or dig out your slingshot and start thinking about Field Day. Join me in making a New Year's resolution to get involved in something new with the AARC this year. Who knows, you might make a new friend, learn something, or just have a good time!

Wishing the best for you in '96,
Pete, AD4TU

Greet the New Folks!

New Members:
Marlene Hopkins, KF4APO
Linda Mills, KF4APM
Roe Firer (Call Pending)
Carmella "Mella" Sardi (Call Pending)
Robert Spencer (no call)



Veep's Corner

What a good year for Amateur Radio! Of course, that could be said for just about any year if you're really into being a Ham. New modes, new applications for old modes, opportunities to do things never done before. Whether you're an HF contester or a digital nut (like me), the activity level is growing wherever you look. And they said Amateur Radio was a dying hobby...

Not that it still can't die, though. It still takes the effort of many types of individuals to keep the juices flowing in this hobby. Gone are the days when hams could sit in the basement and tune in the world on their HF rigs. Not that that can't be done now, but it's going to take so much more to keep our frequencies and to keep the hobby in the limelight it needs to be in so that the ranks of Amateurs can continue to grow.

It will grow, as long as new hams keep swelling the ranks. Hams that may not be willing to just sit in the basement and tune in the world on HF, but who want to participate in public service events, explore VHF packet and new digital modes, work with the local police and other agencies in adopting new community-wide emergency procedures - and things we can't even think of yet.

Not exactly "traditional" views, eh? What is "tradition" in Amateur Radio, anyway? Do we *have* to be able to send 20 words per minute in CW? Do we *have* to be able to draw the design of a Colpitts oscillator from memory? Good things to know, for sure, but is that the important "tradition" that makes us hams? No. What separates hams from the rest is the need to explore, to find new things, to look for challenges. Now we're not all Pearys or Lindburghs that get our names in the history books. But each of us in our own way stretches the envelope every time a contact is made, a new mode is tried, new equipment is setup or a kit is built.

The 1996 officers will work to keep this "tradition" alive. We look forward to making this an interesting year. Let's all work to "go where no one has gone before."

Greg N4PGS

A Rewarding Experience

Harry Dannals

Many years ago...too many to count...it was my pleasure to teach radio electronics in the Naval Reserve program. There was one gold strip on my sleeve, the symbol of an ensign in the USNR. My dad, W2GG/K4GG, said that an ensign was the lowest form of life in the navy. Perhaps he was right, but a rewarding experience followed and that made everything right with the world.

It was very gratifying to take young men who didn't know a dit from a dah or an ohm from an amp and see them become qualified radio operators and electronic technicians. It was an experience which tells me today what it told me then... it isn't always the almighty dollar which provides the most satisfaction. It is the joy of imparting new knowledge to willing participants.

And so it is with our Amateur Radio classes. Students come from all walks of life. There are the old and young, men and women, students, wage earners, home makers, retirees and you name them. They attend classes to learn about the wonderful world of Amateur Radio... to become one of us. Some have been "threatened" while others have been "coerced." However, the majority want to thrill themselves with the joy many of us feel regularly.

It was Tuesday, the 3rd of September 1991, when I joined KM4DU and N4WJQ in teaching a General/Advanced course at CATEC. Many dozens of classes later, the spark (no play on words, you old-timers) is still there. Several others have joined the instructor ranks and many classes for Novice/Techs and Tech+ students are in the record books. While the club has been very fortunate in having qualified volunteers to teach these classes, the dedication of these folks cannot go on forever.

We need new fellows (and gals, too) to come forth and take a shot at this teaching business. It isn't too hard. After all, aren't we all licensed after taking those awful exams! Another thing to remember is that an "expert" is one who read the book just before you! You can be that expert!

There is no monetary reward for the hours of preparation, trips to CATEC, questions/answers (hopefully, the latter) and all the other effort involved in teaching. Nope... you could be sitting at home watching TV, making exotic

contacts with your Ham gear or some other interesting activity. Who knows... you might even be doing something that pays lotsa bux!!! None of those on teaching night for our dedicated instructors.

However, let me promise you one thing. When that new KX4XYZ comes on the air and you recognize the voice as one of "your" students, the elation you feel will be your reward. How about it? Can you spare the time and join our Instructor Corps? If you'd like to give it a try, just contact me.

73...

Harry, W2HD

December 2 Test Session - How They Did

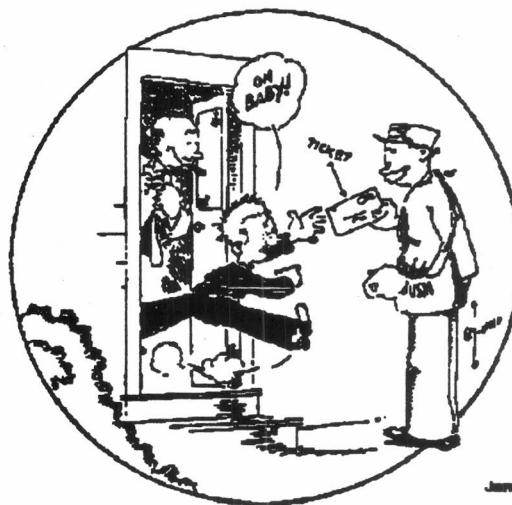
John Gray, W6UZ, volunteer examiner for the recent Amateur Radio exams held at NRAO, reports on the following results.

Thirty-nine elements (code and written tests are separate elements) were given to a total of 17 candidates. Of those, twenty-two elements were passed. In people terms, eleven test-takers finished the session by earning new licenses or upgrades. Congratulations to all!

The breakdown:

- 1 novice
- 6 codeless technicians
- 1 tech +
- 1 general
- 1 general (with medical waiver for code)
- 1 extra

A special thank you to all the volunteer examiners--without them, no session could have been held.



Reprinted courtesy January, 1934 QST

FYI - news from the ARRL

Vanity Call Signs

FCC vanity call sign application Form 610V is now available, but the FCC is not yet accepting completed forms for filing. In response to requests by radio amateurs, the ARRL has mailed 9000 copies of the form. If you requested one from the ARRL and do not receive it by December 16, call 860-594-0300.

The FCC is expected to announce opening dates for the first vanity call sign filing gate in early 1996. You can obtain FCC Form 610V (along with FCC form 1070V and FCC vanity call sign information fact sheet PR 9000, number 206v) by writing ARRL, 225 Main Street, Newington, CT 06111. Please include an sase.

Form 610v also is available from the FCC via the internet at <http://www.fcc.gov/Forms/Form610V> or <ftp://ftp.fcc.gov/pub/Forms/Form610V/>, or by fax at 202-418-0177. Ask for Form 006108. The FCC Forms Distribution Center will accept orders in about one month. Call 800-418-3676.

ARRL Bulletin 109, issued December 8, 1995

New Numbers for the ARRL

The Blue Ridge isn't the only area to be offered the challenge of adapting to a new area code. Even the ARRL gets to change phone numbers. The new area code for Newington, CT (and ARRL headquarters, located there) is 860. Numbers with the old 203 area code will work until August, 1996, but the League suggests you get used to the change now.

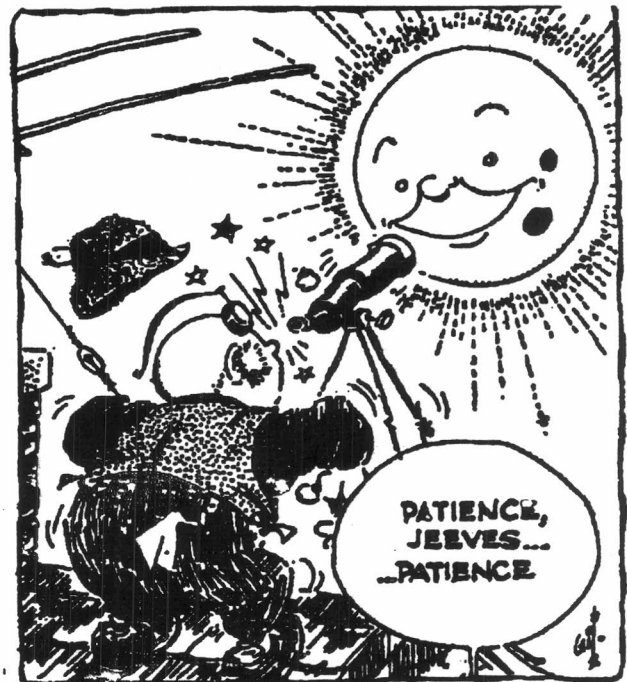
For those of you who've recently passed an Amateur Radio license exam and are eagerly waiting for your call sign (or if you know someone who is), the ARRL has a new number to dial to check if your call has been issued. Telephone the ARRL at 1-860-594-0300. Try between 8 AM and 4 PM (Eastern). The ARRL advises you should start checking 10 days after the exam if your VEC uses electronic filing. For VECs using the U.S. mail system, better wait a little longer.

Solar Activity - Where Do the Numbers Come From?

Average sunspot numbers for the past week were about double the week before, but solar flux was slightly lower. While we expect the two major indicators of solar activity to track together, they often don't.

Solar flux is a measurement of 2800 MHz energy from the Sun, which seems to correlate with ionization of the ionosphere. Sunspot numbers relate to the size and number of visible sunspots. One example of the two not tracking exactly is the forecast for the end of this solar cycle and the beginning of the next. Solar flux is currently expected to reach minimum between January and February of 1997, while the minimum for sunspot numbers is predicted for April through June of 1996. Part of this may be due to the fact that the solar flux has been tracked for fewer cycles than the sunspot number, so the amount of data going into the projection is different.

*ARRL Propagation Forecast Bulletin 49
From Tad Cook, KT7H*



Reprinted Courtesy March, 1965 QST

FRIENDS

of the Albemarle Amateur Radio Club

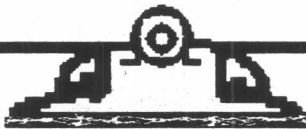
These businesses, associations and individuals have provided assistance to the AARC and have our appreciation:

Bonanza
Crutchfield
The Estate of Al Randall (KA2KBX)
Sperry
Earlsville Volunteer Fire Department
National Radio Astronomy Observatory
Martha Jefferson Hospital
Central Battery Specialists
WalMart
Centel

Know a name that ought to be on the list? Your submissions are welcomed.



Reprinted courtesy January, 1965 QST



PUBLIC SERVICE EVENTS

Contact Hein (N4FWA) to sign up for events.

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

Amateur Radio Exam Dates

Virginia

01/12/96 (ARRL) Galax, 703-236-8572, Joseph A Kolb
01/21/96 (ARRL) Roanoke, 540-890-6782, Terrance V Vlug
02/17/96 (?) Portsmouth, 713-464-9044, Harry, N4THN
02/24/96 (?) Gloucester, 804-484-2857, Art, AA4AT

Maryland

01/13/96 (RRL) Baltimore, 410-668-2363, Adrian Nickles
01/20/96 (Laurel ARC) Laurel, 301-572-5124 (day) or 301-
317-7819 (eve)

Congratulations!

Welcome to a new addition to the Lori and Edward (KA4VMP) Taylor family.

Name: Robyn Michelle Taylor
DOB : 12/15/1995
Time: 0821 hrs
Length: 21 1/2 inches
Weight: 9 lbs 10 oz



Mother and baby are doing fine. So is Dad (hi hi). Ed writes that the Ham Shack is also the baby's room and that he will try to teach Robyn Morse Code before she is four.

CLUB BUSINESS



Rescue Squad. The cost will be limited to less than \$200.

LeRoy, WA4MHP, announced that there would be a SKYWARN Basic class at Lake Monticello on January 13, 1996 at 9:30 am.

There was a vote for Ham of the Year. Four nominees were submitted. Ron, K4RKA; Joe, KD4RWX; Ernie, W2EIU; and Dave, KE4YLR. Dave was added late and Hein, N4FWA, withdrew his name from consideration because he was named last year.

Submitted by Joseph D. Fritz, KD4RWX

ALBEMARLE AMATEUR RADIO CLUB, INC. TREASURER'S REPORT

Treasurer: Sharon Duvall, KO4OC

INCOME

ARRL	27.00
Donations	\$2961.00
Dues:	1500.00
Fund Raising	219.00
Sale Books (Education)	206.00
Directories	10.00
ID Vests Sold	130.50

TOTAL INCOME: \$5053.50

EXPENSES

Bonanza Display Case	-268.82
Club pager	-192.00
Refreshments	-194.67
Education (Books)	-330.40
Entertainment	-898.50
Equipment & Repeater	-825.07
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	-186.36
Telephone	-400.54

TOTAL EXPENSES -4825.36

BALANCE FORWARD (1-1-95) \$4751.28
CURRENT BALANCE \$4979.42

December 5, 1995 AARC Board Meeting

- ✓ Joe, W2PVY, moved a proposal for purchasing an antenna analyzer at the next meeting. Approved.
- ✓ It was announced that Alfred, W6HRY, was in the hospital.
- ✓ Announced: Check out the AARC Homepage on the World Wide Web courtesy of Sam, N4WJQ. Use:
[HTTP://www.cstone.net/~hsgentry/AARC.HTML](http://www.cstone.net/~hsgentry/AARC.HTML)

December 12, 1995 AARC Regular Meeting

Sgt. Martin presented the program on Mobile Watch. It was enjoyed by all.

The Minutes for October and November were approved.

New member approved:

- Marlene Hopkins, KF4APO
- Linda Mills, KF4APM
- Roe Firer, Call Pending
- Carmella "Mella" Sardi, Call Pending
- Robert Spencer, No call

Sam, N4WJQ, notified the members present about his AARC Homepage. Use
[HTTP://www.cstone.net/~hsgentry/AARC.HTML](http://www.cstone.net/~hsgentry/AARC.HTML)

Motion was made to subsidize the Winter Dinner cost by \$3.50 using funds from the sale of surplus items.. Approved.

Announced that the Winter Dinner date has been changed to January 12, 1996. (later it was announced that it will be at the Sheraton Hotel next to Sam's at 7 pm. Price per person will be \$13.50 payable at the door. Buffet style.)

Motion made to purchase a set of antenna analysis equipment at a cost to be determined upon contact with supplier. Approved. The cost will be less than \$1000.

Motion made to purchase a dual band 2m/440MHz antenna for the Western Albemarle

CLASSIFIED COLUMN

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

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.

FOR SALE: High Sierra HF mobile antenna. 12/21/95 Dick, W4OFR, has for sale a High Sierra mobile, remote tuning antenna with top whip. Like new, covers 80-10 meters. \$200. Call him at 804-974-9852.

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.

FOR SALE: 14,400 bps internal modem with fax (INTEL "SatisFAXtion modem/400). High speed protocols: V.32 bis, V.42 error correction, V.42 bis data compression. \$75. Call Bruce at 296-1184.



LOCAL AREA NETS			
FREQ.	TIME	DAY	DESCRIPTION 9/20/95
147.195	9:00 am	DAILY	Good Morning Net.
147.195	8:15 pm	DAILY	Mid-State Traffic Net.
146.895	7:30 pm	SUN	Complex Repr Link Group Net.
145.190	8:00 pm	SUN	SWL Net.
147.360	9:00 pm	SUN	Chesterfield Net.
146.760	7:00 pm	MON	Monday Nite Info Net w/Newsline.
147.090	8:00 pm	MON	Goochland County ARES Net w/Newsline.
224.760	8:00 pm	MON	Charlottesville 220 NET
146.560	8:30 pm	MON	SIMPLEX Tomato Net (Richmond).
146.880	8:40 pm	MON	Newsline (Richmond)
145.110	9:00 pm	MON	Central Virginia News and Info Net.
146.580*	9:30 pm	MON	**NEW** Gaithersburg,MD (Simplex)
145.430	9:30 pm	MON	Hanover ARES Net.
28.360	7-8 pm	TUE	10 Meter Net (Waynesboro).
146.745	7:30 pm	TUE	Dist.13 Ares Net. South Piedmont Va.
145.110	8:00 pm	TUE	Richmond City Net.
146.955 146.895 145.170 145.230 146.865	8:00 pm	TUE	Appalaician Rptr. Ass. Area Ham Net.
147.120	8:15 pm	TUE	Blue Ridge 2 meter Net (Culpepper).
145.330	????	????	Farmville, Va.
28.470	7:00 pm	WED	Old Dominion Chptr 10-10 Intrnatl.
147.390	8:00 pm	WED	Hopewell/Prince George Net
146.560	8:30 pm	WED	SIMPLEX Tomato Net (Richmond)
146.760	8:00 pm	THU	Northern Piedmont ARES Net.
146.880	7:30 pm	THU	Central Virginia Traders Net.
444.400	8:00 pm	THU	Multi County ARES/RACES pl=103.5
145.230	8:15 pm	THU	Bedford, Va.
147.510	7:30 pm	THU	SIMPLEX Henrico Net (current one)
146.760	8:30-9 pm	FRI	Homebrew Net.

End of an Era

With the closing of Bonanza steak house on Rio road, the AARC has lost its Wednesday home. For several years, Bonanza and its staff provided a congenial place for area hams to gather over lunch and make some face to face contacts with those calls heard on the air. Bonanza even provided space for a display case in "our" room where information about Amateur Radio could be displayed. Their departure from the restaurant scene in Charlottesville is regretted by all the Wednesday Lunch regulars.

Lunch, however, will go on. According to Ernie Sardi, W2EIU, the club will be trying out a variety of restaurants while we look for a new "home." The time remains the same: 11:00 AM to 1:00 PM every Wednesday. For the location of the week, listen to the Info-Net on Mondays, or give Ernie or one of the other "regulars" a call on the .760 repeater.

From the Editors

Thanks to all who contributed to this month's issues, especially Brian Fox, KE4HIA, who provided most of the information on page 4. Thanks, also, to Mike Johnson, KD4NNL, who juggled holiday commitments to make sure the newsletter was copied.

Send your articles (*Please!*) to Paul (WB9HGZ) or Eileen (WD9EIA) at: 4300 Sylvan Lane, Charlottesville, 22911 (U.S. mail), or via 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.

DEADLINE for the ♥February♥ issue of *AARC Bulletin* is January 20.

Make your editors happy and watch the deadlines. Last minute additions make us sooo cranky!

JANUARY 1996						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1 NO INFO-NET KC4TQF <i>New Years Day</i>	2 Board Meeting & Technical Session 7:00 pm KD4EDZ	3 Lunch (???) 11-1	4 ARES NET 8:00 pm	5 N6AAR WB4ZJO	6
7 KD4CAR	8 INFO-NET 7:00 pm KE4SSD	9 <u>No Regular Meeting</u> —see you at the Sheraton!	10 Lunch (???) 11-1	11 ARES NET 8:00 pm	12	13
14 <i>Winter Dinner and Meeting 7:00 pm</i>	15 INFO-NET 7:00 pm	16 KE4OMD	17 Lunch (???) 11-1 KA4JJD K4DOC	18 ARES NET 8:00 pm KE4DDR	19	20
21	22 INFO-NET 7:00 pm	23	24 Lunch (???) 11-1	25 ARES NET 8:00 pm KE4BVS KD4SOC KE4WPG	26	27 W4NPX AA4TJ N4XJT
28	29 INFO-NET 7:00 pm WA2MFI KC4TTZ	30	31 Lunch (???) 11-1 KE4JSU K4MTX			

1996 ALBEMARLE AMATEUR RADIO CLUB

OFFICERS AND BOARD MEMBERS

President	Pete Wildman	AD4TU
Vice-President	Greg Faust	N4PGS
Treasurer	Sharon Duvall	KO4OC
Secretary	Joe Fritz	KD4RWX
Directors:	Rick Berman	KO4WQ
	Mike Duvall	AC4ZQ
	Hein Hvatum	N4FWA
	Jessie Preston	KE4OHD
	Ron Richey	K4RKA

COMMITTEE LEADERS

	<u>Committee Chairman</u>	<u>Director</u>
Technical	Mike Duvall AC4ZQ	Hein Hvatum N4FWA
Education	Harry Dannels W2HD	Rick Berman KO4WQ
Fundraising	Bob Pattison KM4DU	Sharon Duvall KO4OC
Activities	Hein Hvatum N4FWA	Rick Berman KO4WQ
Awards	Joe Fritz KD4RWX	n/a
Recycling	Mike Duvall AC4ZQ	Ron Richey K4RKA
Digital	Greg Faust N4PGS	Mike Duvall AC4ZQ
Publication	Joe Fritz KD4RWX	

OTHER POSITIONS

ARRL Liaison	Brian Fox	KE4HIA
ARES/RACES Coordinator	Hein Hvatum	N4FWA
ARRL VE Coordinator	John Gray	W8UZ
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 ext.....	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.

Newsline program and general news

Net Control: Mark, N4TZE

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

AARC BULLETIN
JANUARY 1996



CORRECTION OF LABEL INFORMATION REQUESTED ---TO CORRECT CALL PHONE 973-1738 Y D
KA4JJD N 1996 CURRENT MEMBER

Michael F. Rein
109 Sturbridge Rd.
Charlottesville VA 22901

Have you renewed your AARC membership?