



ALBEMARLE AMATEUR RADIO CLUB

SEPTEMBER 1997

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☞ **Next Meeting:**
September 9, 1997 at
7:30 PM
NRAO Auditorium
Edgebrook Rd. (Uva
area)

***The President Speaks***

September is upon us and that marks the ending of Summer and the beginning of one of my favorite times here in Central Virginia - Autumn. That brings on the Tour de Valley public service event here in the Shenandoah Valley and this year there will also be a MS 150 Harvest Tour. They should both prove to be lots of fun.

September also marks the time in the Club's year when we get ready for our business meeting, which will be coming up in October. The other thing that takes place at that time is the election of a new Board of Directors to lead the Club in 1998. To that end, the By-Laws specify that a Committee of 5 individuals shall be selected at the September meeting to comprise the Nominations Committee. I mention this now so as to prepare you for that selection at the upcoming meeting. I urge anyone interested in the future development of the Club to consider working on this Committee. I have worked on it before and it's neither time consuming nor difficult. It is, in fact, one of the quickest Committees to work on. I would also like to urge ALL Club Members to consider who (whom?) they would like to see on the '98 Board. I also urge anyone interested in running for a Board position to let your desires be known to the Nominations Committee.

I would like to take a moment to also ask all those folks who have a free Saturday or Sunday to let Mike Duvall know. He's trying to put together a list of folks who can make a trip up to the repeater site to do some simple, basic yard work. I am available most Sundays, so if 2 or 3 folks wanted to make a Sunday venture as opposed to the normal Saturday trip, let me know and I'll arrange it with Mike (you reading this Mike??).

Finally, an update on Project SAREX - I have been in further contact with Diane Clark of the Albemarle County School Board and we are in the process of getting together with the Principal of Western Albemarle HS as well as with the head of the Science Dept there. We'll get the application completed and send it onto NASA. We'll hope for a mission appointment this year, but we'll just have to wait and see. And as you can tell, Western Albemarle HS has been chosen as our target school. This area should, according to Chuck - W4SM, give us a very large "window" for maximum communications time. More to come so stay tuned.....

That's it for me this month. Keep those cards and letters coming.

KC4TQF

VEEP CORNER

If you've been a ham for any length of time, someone is bound to ask you "how far have you talked?" Most people recognize that "chasing DX" is an exciting part of our hobby. Even among those who are not involved in our hobby, DX is "in the blood." Lots of folks chase it LEGALLY. What do I mean? Read on.

When radios entered the living rooms of people in the early 1920's, those listeners had a love affair with chasing rare stations. Back then if a person heard KDKA, Pittsburgh, he felt a thrill which probably lasted for the rest of his life.

I changed schools in 1939 and found myself in the fifth grade with youngsters who knew so much more than I seemed to know. They could rattle off call letters and locations of AM broadcast stations as though they were reciting their "times tables." I wanted to do that, too.

The next summer, when school was out, I was at my grandpa's farm, just like previous summers. This time, though, Grandpa told me about some of the "long-distance" stations he heard on his Temple radio. He still had that radio in the parlor, connected to the same antenna he used back in the 20's. Needless to say, I spent night after night listening to, and logging, all the distant stations I could find. To my surprise, I ended up knowing more about broadcast band DXing than the rest of my school mates.

The AM broadcast band became more and more crowded and that made chasing those elusive signals nearly impossible with conventional antennas. Faced with this, lots of people started looking at FM broadcast DX as a new frontier. Propagation on the FM band is not unlike DX chasing on two meters, so you know how hard it can be most nights.

Radio clubs devoted to AM and FM DX listening are alive and well. There are clubs dedicated to shortwave DXing; many shortwave broadcasters feature programs dedicated to the subject, just so they can attract listeners who have that hobby.

Are we done? Well, I thought so, but there's at least one more frontier. The European AM broadcast band operates between 150 kHz and 400 kHz. This

Novice/Tech Classes Start at CATEC

Know anyone interested in getting started in Ham Radio? Pass along the word about the class starting August 27 at CATEC. Prospective students who missed the first meeting can still join in for the rest of the sessions.

The class meets from 6:30 to 9:00 p.m. and runs for thirteen weeks. Material covered will be the information which is tested on the FCC Novice Class and Technician Class license exams. There is no cost for the class. The textbook, *Now You're Talking*, has been recently updated for the revised exams and costs around \$19.00. Practice code tapes are available for \$10.00. An exam session will be scheduled in Charlottesville to coincide with the end of the class.

CATEC (Charlottesville-Albemarle Technical Education Center) is located on East Rio Road, east of the railroad overpass bridge. For more information, contact Joe Fritz, KD4RWX, at 804/973-1738.

same frequency spectrum is occupied by aircraft beacons in this country. Below these frequencies are teletype services and perhaps some others. The lowest active frequency that I know of is 17 kHz. Yes, that extends into what many of us would consider to be audiofrequencies. This area below the broadcast band is often known as VLF (very low frequencies). You guessed it. There are DX chasers actively tuning around these frequencies. I believe their main organization is the Long Wave Club of America.

What I've talked about so far are people who can't transmit; they have to be content with listening to those DX stations. Did you know that between 160 and 190 kHz anyone can operate a transmitter--no license required. Power must be limited to 1 watt, and the antenna must be no longer than 50 feet. I believe this group calls itself "the Loafers."

I've been tuning around, but so far I haven't heard any of these signals. Oh well, maybe you'll wish me "good DX!"

--W2PVY



WHAT'S YOUR FAVORITE BAND?

Years ago that was a common question. However, with time passing rather rapidly, it has become a question with little meaning. It once was an interesting conversation piece. Licenses granted us privileges on every band in the Amateur Radio table then. There was no "No-code Tech" with privileges only above 50 Mhz, but a license which provided privileges on ALL of the HF bands plus 50 and higher. Yes, there were some restrictions. You had to pass a higher exam (only one) to obtain phone privileges on 20 and 75 meters. This was a "big deal" because the first license provided voice on only the 160 and 10 meter HF bands and we had no phone on 40. There wasn't a 15-meter band or the WARC bands, which came much later in history.

However, the question, "What's your favorite band?" had a meaning to each of us. We had a preference. Today, the No-code Tech for the most part is operating exclusively on 2-meters with a rather limited view of what goes on elsewhere in the Amateur Radio band assignments. Yes, some of the No-coders venture forth on the 450 band and even 6-meters, but that number is quite small. Do you miss something with this limited view? You bet you do!

Years before, the Ham with a restricted antenna installation was usually found on 10-meters enjoying band openings when they were available and local "ground wave" contacts at other times. The Ham with a little real estate had antennas for 80, 40 and 20 and could put a signal outside the home area almost daily.

Did I have a "favorite band?" Well, not really because each band provided something slightly different. At least it was something other than the same repeater conversations every day. Now, don't misunderstand. If you enjoy the local "intercom" operation on the repeaters (and I do!) continue that enjoyment. However, always realize that there is a

much larger world waiting to provide you with other wonders of Amateur Radio.

Yes, there is a small fee to pay for these visits to other places and it's called, "Upgrade!" Just a few more hours of effort and the world of communications is opened wide for you. Then, when someone asks, "What's your favorite band?" you can say, "Chasing DX on 20 or traffic-handling on 75 and 80!" You might add, "See you on 10, Europe and Africa are coming through!"

BCNU on those other Ham highways and byways. 73...

/s/ Harry, W2HD

Bits and Pieces

Congratulations to Mike, KE4UKX, and Matt, KE4UKY, who passed their Advanced class test during the Roanoke hamfest. UKX and UKY, just for fun, took the twenty-wpm code test while they were at it, and both passed that, too! They're planning on getting that Extra theory knocked off by the end of the year. (Matt and Mike, by the way, are just thirteen years old.)

Address Change: Grayson Dowell, KF4FYI, passes along a change in his email address. You can reach him now on the Internet at: kf4fyi@cstone.net

Silent Key: Aaron Killen, KC4WNL, a Ham from Palmyra, Virginia, was killed in an automobile accident on August 8th. He was 20 years old. His father, Sam Killen (KI4AE), is also a Ham.

Jamboree on the Air: The ARRL sponsors this event to encourage Boy Scouts, Girl Scouts, and other Youth organizations to take a look at Amateur Radio. Jamboree takes place the third weekend in October.



DEADLINE for the October issue of AARC Bulletin is September 18!

Due to commitments at the Dean house, the deadline is EARLY this month! But don't let that stop you from sending your articles to Paul (WB9HGZ) or Eileen (WD9EIA) at: 4300 Sylvan Lane, Charlottesville, 22911 (U.S. mail), or at wd9eia.zippo.com (email). To reach us through the club bulletin board, send your messages to Mike, KE4UKX, our resident packet operator, and he'll pass them along.

FISTS Celebrates 10th Anniversary

For those of you who are not convinced that CW is dead, here's news about an organization that may interest you. (Those of you who think code operators have outlived their time, read on anyway--you may be surprised how many hams still enjoy the old mode!) FISTS celebrates its tenth anniversary this month, and Nancy Kott, editor of The Keynote, the FIST newsletter, graciously sends along this article introducing the club's purpose and scope.

FISTS is a club devoted exclusively to CW operators and CW operating. We have three straightforward goals: Further the use of CW; Engender friendships among members; Encourage newcomers to use CW.

FISTS was founded in 1987 by Geo Longden G3ZQS in Darwen England, after recognizing a need for a club in which experienced operators would help newcomers and less experienced operators learn and improve their CW skills. During the first year, membership reached 300, most of whom were in Great Britain and Europe.

The North American chapter was formed in 1990 to assist the 11 members in the US in receiving the newsletters and as a banking convenience. Nancy Kott WZ8C of Hadley MI was named NA Representative, a position she still holds, but now handles the affairs of over 2000 North American members.

Already over 3600 members strong, FISTS is rapidly growing in North America and around the world. Brought together by a common love of Morse code, FISTS members actively participate in a wide variety of amateur radio activities including nets, rag chewing, earning awards, QRP, contesting and, of course, Elmering. All activities include both slow and higher code speeds and emphasize courteous operating practices

Our members are young and old, both YL's and OM's. They live in every US state, over 50 foreign countries, hold every license class and all enjoy CW communications at widely varying proficiency levels.

FISTS is not tied to any commercial interests

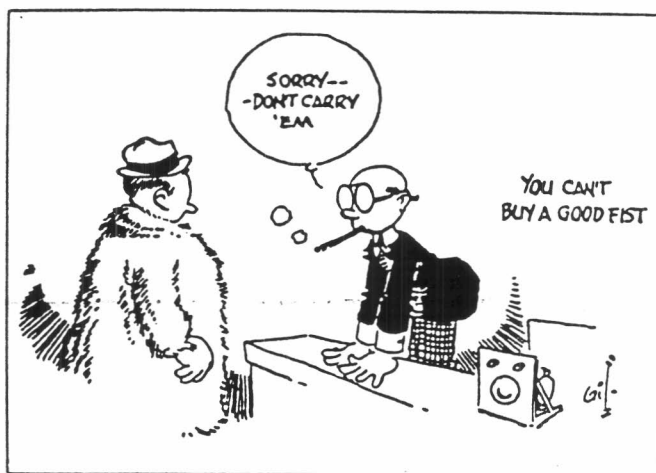
and has no paid employees. Our monthly newsletter, *The Keynote*, and all activities and programs are funded entirely by modest annual subscription of \$15. Club members volunteer their time and services to make our many programs and activities run smoothly.

Requirements for FIST membership are very simple. You simply have to like Morse code! You do not need to be a member of any other organization and there is no minimum Morse proficiency requirement.

Our ongoing Events include a Code Buddies program where veteran operators help less experienced ops acquire or improve CW skills. We also have several nets - both traffic and rag chewing, Fall and Spring Sprints, and awards for working different combinations of FISTS members.

Visit our Web page at <http://www.FISTS.org> for more information and a downloadable application. If you would like to join FISTS, send \$15 (checks payable to FISTS CW Club) to PO Box 47, Hadley MI 48440. If you don't have access to the Internet and would like more information send an SASE to Joe Pardue, 29 Melrose Dr, Marrero LA 70072. For a sample newsletter pse include \$1 to defray the postage/printing expense.

FISTS celebrates its 10th anniversary with a special event activity September 9 through 12. To participate, initiate or answer a CQ FISTS SE (in CW, of course!) on any Amateur Radio code band. Matt, KE4UKY, who arranged to send this article to the Bulletin, will be out there listening for other contacts--go ahead and give CW a try!



Reprinted courtesy February 1941 QST

Summer is just about over, and we have two very important dates to look forward to this fall. The first is Kaye Harden's emergency exercise scheduled for Thursday, the 18th of September. This is a tabletop exercise involving all the emergency machinery of the city, county and the University, that begins at 9:00AM and runs for approximately 6 hours, with a break for lunch. We are expected to man our communications position in the EOC (Emergency Operations Center - Zehmer Hall) and also at the ECC (Emergency Communications Center - 911 Center). Although we don't have further details yet, at the very least, we should be in constant communication with the 911 Center.

Because this exercise may limit the number of our operating stations, I would like to cycle as many operators through both facilities as we can. We might do this by having at least 3 amateurs at each Center at all times, with one to operate, one to log, and one to observe. Then when someone new arrives, the logger will operate, the observer will log, the new arrival will observe, and the original operator will move on to another assignment. I think that might allow us to be as flexible as possible in coordinating assignment schedules with individual operators schedules. So we need lots of people to sign-up for this exercise, retirees in the group please step to the head of the line!

I know that doesn't sound too difficult, so to make September 18th more interesting, Martha Jefferson Hospital is going to have an emergency drill that same morning. Katherine Sommers has asked for at least 7 amateurs to assist the hospital with their exercise. I believe this exercise should last for not more than a couple of hours, and hopefully we will be able to coordinate operating schedules between the two exercises.

The first Saturday afternoon in October is tentatively scheduled for our very own SET exercise. Since this is still in the "thinking" stage, the most that I can tell you at this time, is that we will have our exercise in the afternoon, and we should plan for at least 3 hours. I would like to have as many operating positions as we can get people to cover, this exercise will cover a wide area, with stations operating from UVA and Martha Jefferson Hospital satellite facilities scattered over

several counties. We should have a lot of fun with this, but during September I am going to need some assistance with putting this together. I will be trying to get some help from the hospitals, the Red Cross, and possibly the Salvation Army. But this is going to be our exercise, that we plan, that we conduct, I am going to need some help from ARES members to get this SET drill off the ground.

AARC & ARES/RACES

Dave Damon, KE4YLR

I have been putting the NPEN checkins into a spreadsheet, and have data for a span of 51 weeks, with 5 weeks missing. Most of the missing weeks are before the start of this calendar year, so I should be able to put together a fairly complete report for 1997. So far, we are averaging 18 stations per session,

and you can probably safely list the call signs of the amateurs that are regulars. What you might not realize, is that over the last year, we have had a total of 121 stations on the net. While some of these stations are people passing through the area, there is still a large number of our local amateurs that only checkin from time to time. I am asking everyone to make a real effort to check into the net during September. Call around and try to get your friends to check in this month. Last September 5th, we had 39 stations checked in, but I know we can surpass that number if everyone is willing to put a little time aside each Thursday evening and join the net. Let's really set a new NPEN record. September nets should be a little more casual, we've done plenty of hard work with our traffic exercises, so come on by and see who's net control this month.

Public Service Events 1997

Contact Hein, N4FWA, to sign up for events.

DRL1 Thursday 18 September 1997

911 Emergency drill

Thursday 18 September 1997

Martha Jefferson Hospital emergency drill

BKR7 Sunday 28 September 1997

State championships. Walnut Creek Park.

HRS1 Saturday 1 November 1997

Montpelier Horse Races

CLUB BUSINESS



AARC Board Meeting

Date: August 5, 1997

Present: KC4TQF (presiding), W2PVY, KD4RWX, KO4OC, N4FWA, KO4WQ, KE4OID, KE4YLR

No Official motions were made. The regular meeting will be the club picnic.

An upcoming radio interview is on August 20th.

The Club is looking for individual to replace Hein (N4FWA) as the Coordinator of the Public Service activities.

AARC Regular Meeting Minutes

Date: August 12, 1997

The Annual Cub picnic was held. No official business was conducted.

Submitted by Joseph D. Fritz, KD4RWX, Secretary of the AARC



CLASSIFIED COLUMN

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

FOR SALE: Whiterook Model MK-88 pocket-sized iambic keyer/paddle combination. Almost new. See detailed information at <http://www.west.net/~wpc/mk88.html> \$45 WB9HGZ Paul 978-4903

FOR SALE: 2M MOBILE (7/10/97)

Don, KE4DDR, has for sale an Alinco DR112 2m mobile, 5/50 watt, 20 memories, CTCSS encode/decode. Call him at 804-978-1549

WANTED: VHF TNC (7/31/97) Grayson, KF4FYI, wants tnc for packet. Probably for VHF. Call 804 263-8552

FOR SALE: Yaesu FT-747 10-80 meter transceiver - \$450.00. Radio Shack HTX-100, 10 meter transceiver - \$100.00. MFJ 949-E Antenna tuner - \$75.00
DRSI DPK-2 Packet TNC - \$60.00

For more info contact Steve Jenkins @ 540-672-9391

AARC TREASURER'S REPORT

INCOME

Directory sales	2.00
Donations	
Packet	5.00
Repeater	95.00
Surplus	211.00
Total donations	311.00
Dues	1045.00
Raffle	207.00
TOTAL INCOME	1565.00

EXPENSES

Club Banner	214.23
Refreshments	275.00
Corp Fee	25.00
Entertainment(dinner)	31.00
Equipment	324.86
Insurance	149.31
Pager service	225.60
Postage, publ	961.64
Recreation(picnic shelter)	50.00
Telephone	255.22
Textbooks	5.00
TOTAL EXPENSES	2516.86
TOTAL INCOME/EXPENSE	-951.86
BALANCE FORWARD	4067.82
TOTAL	3115.96

CLUB FUND	644.29
REPEATER FUND	2315.57
PACKET FUND	195.00
TOTAL	3115.96

Licensing Upgrade Helps from the ARRL

Want that new license class but having trouble studying? Or do you learn better by watching, not reading? The ARRL has some videotapes that may be just what you've needed.

Tapes are available for the Novice/Technician, General, and Advanced license classes. The ARRL lists them at \$99.00. If that sounds pricy to you, you might be interested to know the tapes come with a money-back guarantee--pass your VE exam within a year, or get your purchase price refunded.

Ordering information is available on the ARRL webpage (www.arrl.org) or in this month's QST.

Amateur Radio Exam Dates for Virginia

- 09/06/97 (ARRL) Big Stone Gap Walt M Sickmen KT4PI,
540-452-2363
- 09/08/97 (ARRL) Gate City Jimmy L. Flanary K4LMP,
703-452-4592
- 09/10/97 (W5YI) South Boston Charles D Lowery,
804-572-1581
- 09/11/97 (ARRL) Chesapeake Pat Phelps KE4URC,
757-421-9598
- 09/11/97 (ARRL) Galax Joseph Kolb, 540-766-3121
- 09/20/97 (W5YI) Richmond Tony Amato, 804-717-2436
- 09/21/97 (ARRL) Roanoke Terrance V. Vluc, 540-890-6782
- 09/21/97 (ARRL) Virginia Beach Ed Brummer W4RTZ,
757-898-8031
- 09/26/97 (ARRL) Stafford Jim McCloud N4LZJ,
540-786-8012
- 09/27/97 (ARRL) Coeburn Ivan R Webb Jr., 540-964-9540
- 09/27/97 (W5YI) Gloucester Harry Kepley N4THN,
804-642-3517
- 09/27/97 (W5YI) Hayes Harry Kepley, 804-642-3517
- 09/28/97 (ARRL) Lynchburg Charles L Beard AD4ST,
804-386-4651
- 10/04/97 (ARRL) Gate City Walt M Sickmen KT4PI,
540-452-2363

Remember, if you are interested in taking an Amateur Radio exam at any of these sites, CALL AHEAD for information. Not all test sites accept walk-in registrations.

Area Hamfests

- Sept. 7** Foundation for Amateur Radio, Gaithersburg, MD.
Contact: Chuck Sommer, N4OSD, 16105 Penn Manor Ln., Bowie, MD 20716. 301-249-6544; E-mail: n4tci@erols.com
(Roanoke Division head N4MM, who's at nearly all the division hamfests and ought to know, reports that this hamfest is a big one, with a "great flea market." If you go, why not send a report of your own to the AARC Bulletin?)
- Sept. 14** Triple States RAC, Wheeling, WV. Contact: Ralph McDonough, K8AN, 2011 State Highway 250, Adena, OH 43901-9736. 614-546-3930; E-mail: k8an@aol.com
- Sept. 20-21** Virginia State Convention, Virginia Beach, VA.
Contact: Art Thiemens, AA4AT, 2836 Greenwood Rd., Chesapeake, VA 23321. 757-484-2857.
<http://www.pilot.infi.net/~trci>
- Oct. 5** Columbia ARA, West Friendship, MD. Contact: Richard B. Frank, W9RZ, 12933 Kentbury Dr., Clarksville, MD, 21029. 410-531-2933; Fax: 301-854-2756; E-mail: rf52@umail.umd.edu; <http://www.clark.net/pub/jrmasi/caranews.html>

SEPTEMBER 1997

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1 INFO-NET 7 PM 220 Net 8:00 PM <i>Happy Labor Day</i>	2 Board and Technical Session 7:30 PM	3 Lunch (11-1) Old Country Buffet Novice/Tech Class ☺ W3YBV	4 ARES Net 8:00 PM ☺ KB4YQC	5	6 6-mNet 8AM 50.200
7 ☺ K4QKH	8 INFO-NET 7 PM 220 Net 8:00 PM ☺ N4ZZB	9 AARC MEETING 7:30 PM ☺ KD4CUB	10 Lunch (11-1) Old Country Buffet Novice/Tech Class ☺ K8EV	11 ARES Net 8:00 PM	12 ☺ AA4KP	13 6-mNet 8AM 50.200
14	15 INFO-NET 7 PM 220 Net 8:00 PM	16	17 Lunch (11-1) Old Country Buffet Novice/Tech Class ☺ WD4HWW	18 DRL1 ARES Net 8:00 PM ☺ KC4RRY ☺ WA4IUN	19	20 6-mNet 8AM 50.200 ☺ K4RK
21 ☺ KE4ZNO	22 INFO-NET 7 PM 220 Net 8:00 PM	23 ☺ AA4CN	24 Lunch (11-1) Old Country Buffet Novice/Tech Class ☺ KA4BMT	25 ARES Net 8:00 PM	26 ☺ KD4KWJ	27 6-mNet 8AM 50.200
28 BKR7	29 INFO-NET 7 PM 220 Net 8:00 PM	30	☺ <i>Congratulations to the September Birthday Hams!</i>			

1997 ALBEMARLE AMATEUR RADIO CLUB

OFFICERS AND BOARD MEMBERS

President	Bill Bearden	KC4TQF
Vice-President	Joe Giovannelli	W2PVY
Treasurer	Sharon Duvall	KO4OC
Secretary	Joe Fritz	KD4RWX
Directors:	Rick Berman	KO4WQ
	Dave Damon	KE4YLR
	Hein Hvatum	N4FWA
	Bob Pattison	K4DU
	Jessie Preston	KE4OID

COMMITTEE LEADERS

	<u>Committee Chairman</u>	<u>Director</u>
Activities	Hein Hvatum N4FWA	Dave Damon KE4YLR
Education	Ken Johnson WA4GHY	Bill Bearden KC4TQF
Fundraising	E.J. Bearden KD4IGX	Sharon Duvall KO4OC
Publications	Joe Fritz KD4RWX	Joe Fritz KD4RWX
Public Relations	Janie Narducci KF4NOQ	Joe Giovannelli W2PVY
		Rick Berman KO4WQ
Technical	Mike Duvall AC4ZQ	Hein Hvatum N4FWA
Youth	Noah Hillstrom, KF4JHB	Jessie Preston KE4OID

OTHER POSITIONS

ARRL Liaison	Bob Pattison	K4DU
ARES/RACES Coord.	Dave Damon	KE4YLR
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

146.160/146.760

TONE ACCESS

88.5 (if enabled, DTMF 325* will

produce temporary Tone off and 326* will turn Tone back on)

Door alarm OFF.....	DTMF 100*
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

88.5 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

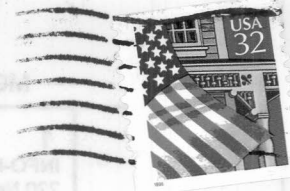
Monday 7:00 p.m.

Newsline program & general news

Net Control: Harry, W2HD

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

AARC BULLETIN SEPTEMBER 1997



TO CORRECT LABEL INFORMATION CALL PHONE 973-1738: Your License expires.. Oct 31, 2004 D Y A
KA4JJD G 1997 CURRENT MEMBER

Michael F. Rein
109 Sturbridge Rd.
Charlottesville VA 22901