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**Next Meeting:**  
**Tuesday, March 10**  
**7:30 PM**  
**NRAO Auditorium**  
**Edgemont Road**  
**(UVa area)**

*The President Speaks*

Well, last month I gave you all a respite and didn't have much to say....but that was then and this is now. First I want to welcome all our new members to the Albemarle Amateur Radio Club. I think you'll find plenty to keep you occupied this year, and if you don't see what you want....LET US KNOW!! As I said last year -this is YOUR Club.....I'm just the piano player (hihi)

We will still be doing all the things we normally do such as Field Day and participating in many Public Service events and once again we will be participating in the Albemarle County Dogwood Parade and Festival. I hope you all will participate. It's really great. (personally I'm on a crash diet so that this year I'll REALLY look like Tom Selleck (-: )

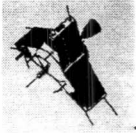
By the time you read this the Presidents Day Special Event will be history. This event holds a lot of promise and the idea is great. Hopefully next year we'll get a little more notice and REALLY do it up proud. We will be working with the Children's Discovery Museum to a small degree in conjunction with their 911 Emergency Services display. This is a GREAT opportunity to get out and perhaps generate some interest in amateur radio in some of our young people. Who knows, maybe the folks at the Museum will ask us to do a display for Amateur Radio someday.

We are planning at least one, maybe more big T-Hunts this year and there will be Club participation in a couple of big contests for those of you who enjoy that sort of thing. I'm also thinking about seeing how many people can work and confirm a Special Event station. I have the station in mind...I just have to see when it will be on the air.

All in all I think 1998 will be a busy, productive, and very fun-filled year. If you haven't already signed up to participate in one or more of our activities, please feel free to sign up. You don't want to be on the dock when the boat sails!!

Till next month I'll make like a frog and see you later on down the log.

Bill (KC4TQF)



## Thoughts from the V.P.

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### March Club meeting.

For the March club meeting, I've asked Harry Dannals (W2HD) to make an important presentation. Most of you are probably aware that in addition to being one of the most well-known members of AARC, Harry is also an internationally known ham "celebrity." He doesn't admit it often, but those of us with piles of old QST's weighing more than a small car will remember the days when W2HD was the president of ARRL, an office that he held for a decade. In fact, for more than 40 years, Harry was involved in an active role in the operations of the American Radio Relay League, serving as Section Communications Manager, NYC-LI, 1955-1961; Vice Director, ARRL Hudson Division, 1961-1964; Director, 1965-1972; ARRL President, 1972-1982 and ARRL President Emeritus, 1984 to date. During Harry's ten years as president of the ARRL, he visited all 50 States, plus Puerto Rico, the Canal Zone, Canada, Mexico and several overseas countries. During this time he logged more than a half million airline miles. Wow! Gives me jet lag, just thinking about it.

For the March meeting, I've asked Harry to give a talk that will, at least in part, include a few examples from his days in the "Lion's Den." The title of Harry's presentation is, "**AMATEUR RADIO -- THE CHALLENGES IT FACES TODAY.**" Harry promises to make us think about our roles in Ham Radio...ways in which we're part of the solution, and maybe how we can sometimes be part of the problem.

Unfortunately, pending a change in schedule, I will not be able to attend the meeting. Some late breaking scheduling at the Phase 3-D Satellite Integration Facility in Orlando requires that I attend for about 5 days during the time of the meeting. The Phase 3-D satellite is now essentially complete, and I will participate along with designers and European command stations, in some of the checkouts for the transponders, the transponder matrix, antennas, and onboard computing system, as well as determining transponder delay times to be used in ranging calculations. Should be fun!

### Last Month's "Teaser"

OK, so how DO you listen to EME on a scanner? In order to answer, I must digress for a moment. One of the

jobs of several government and military agencies is to keep track of the growing number of satellites and space debris in orbit. This assignment grew as a natural extension of their missile tracking capabilities. Most of us have heard of NORAD which coordinates many of these functions. How do they do it? There are several systems for tracking satellites and debris. One is optical, and others use radio/radar. In Kikapoo, Texas is the major transmitter for the Naval Space Surveillance (NAVSPASUR) system, a component of the overall NORAD system. The operational base for NAVSPASUR is just down the road in Dahlgren, Virginia. The transmitter at Kikapoo is called a radar "fence." It emits a very high energy radio pulse in a narrow "fan" or fence from almost due east to due west, straight up into space. Any object crossing this fence reflects the radar signal back to earth, and information regarding time, location and distance can thus be obtained.

So, what does all this have to do with EME? Well, the output power of the Kikapoo transmitter is 767 KILOWATTS on 216.98 Mhz. Every time the moon crosses this "fence" it produces a "ping" loud enough to be heard on a simple scanner with even a modest external antenna. The trick is to know when to listen. This can be done by plugging the coordinates for Kikapoo, Texas (Latitude = 33.554, Longitude = -98.764) into any astronomic program and determining when the moon is at azimuth 91.4 degs or 271.4 degs., ie. virtually due west or due east with reference to that location. If you can see the moon at the same time (and you usually can in Virginia), then you should be able to hear the pings while the moon crosses the very narrow beam. Bob Bruninga, (WB4APR) who first brought this possibility to my attention via the AMSAT-BB noted that given the size (0.5 deg) and speed of the moon, the "ping" should last about 2 minutes. OK, so who's going to be the first to hear it? (No, I haven't tried yet either!).

Here are some times to listen that I calculated (start a few minutes before the listed time):

1998 Mar 09 [Mon] 19:05 (EST)  
1998 Mar 10 [Tue] 19:35 (EST) \*hey, just as the meeting starts!!  
1998 Mar 11 [Wed] 19:55 (EST)  
1998 Mar 12 [Thu] 20:20 (EST)

Don't forget that because of the moon's motion, there might be a slight Doppler shift. Tune up and down a bit from the 216.98 Mhz center frequency. Let me know what you hear.

--W4SM

The AARC Technical Committee met on Saturday February 14, 1998 at NRAO. The announced purpose was to begin an organized approach to solving the interference which reduces the quality of the 146.760 repeater. The following Hams were in attendance: Mike AC4ZQ, Harry W2HD, Bo W4QKH, Wil KJ4XZ, Hein N4FWA, Rick KO4WQ, Jimmy W2JIM, Greg N4PGS, Elmer KF4UCI, Joe W2PVY, Dave K4DND, Bob K4DU, Dick W4BZW, Joe KD4RWX

Mike provided the following talking points:

#### IDENTIFY THE PROBLEM

What are the possible causes?

- o Pager noise
- o Mixing of multiple sources
- o Image frequency injection
- o Spurious emissions from other transmitters
- o Cable TV/Channel 29
- o Direct IF injection
- o Antenna or Feedline failure

How do we test the theories?

- o Database search
- o Computer analysis
- o Scanner monitoring
- o Audio analysis
- o Talk to other repeater owners
- o Survey RF field strength at site

What resources do we need?

Task assignments.

- o Collect database on local frequencies
- o Software to analyze mixing combinations
- o Site survey
- o Monitor hot frequencies
- o Interview repeater owners
- o Publish results

Mention was made of a possible new interference problem which has been heard in recent days. It sounds a lot like white noise.

Some points made:

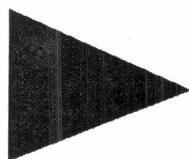
- o Our transmitter seems to be necessary, or IS necessary, to produce the interference.

## AARC TECHNICAL COMMITTEE MEETING NOTES

Joe Fritz, KD4RWX

- o We have a filter installed which excludes signals from outside the Ham Band frequencies. 50 dB attenuation
- o We have an isolator installed.
- o The incoming signal is a product of mixing
- o There seems to be a relationship between the recent ice storm and the lack of interference on the repeater. This may mean that some other radio system which has been involved, is now out of service because of power loss or antenna loss.
- o We need to determine which of the area transmitters has been off the air.
- o An input signal has been detected which has 15 KHz spikes above and below 146.160 MHz.
- o One Pager has already been identified and filtered out at 158.7 (?) MHz.
- o The mixing does NOT take place in our transmitter.
- o The "Gremlin" has been present in three different repeater units.
- o The delay installed in the repeater for APRS has revealed that a pager is definitely involved. This changed the sound characteristics.
- o Possibly TV AM is involved.
- o It was suggested that a receiver be taken to the repeater site and listen to the pager frequencies along with the interference to determine the correlation possibilities. This would be made more practical by having knowledge of the local area pager frequencies.
- o Several of our radio units at the repeater site have computer controllers and these type of units are notorious for emitting signals.
- o Set up a transmitter which has no multiplier.
- o Temporarily exchange the 146.925 and 146.760 repeaters to see if the interference is experienced while at the Martha Jefferson Hospital site. The Gremlin must definitely be active. Considerable resistance to this idea was expressed. (Personal note: I still think the idea has merit at some point if other procedures are unable to shed light on the problem.)
- o Suggestion of using a database of known frequencies in the area and doing calculations on possible resulting frequencies after mixing was suggested. (See Technical Committee Notes, p. 4)

# AARC 1998 PUBLIC SERVICE ACTIVITIES



Public Service Activities co-ordinator Greg Faust, N4PGS, advises that this month's first event--a bike race starting from Walton School on March 8--will be an easy one and a good event to start the year. Greg says, "I'd like to encourage a lot of folks to sign up and try out this type of Public Service activity. If anyone is interested in participating, please contact me or Hein, N4FWA, on the air (we listen to the 146.76 repeater), on the Net or give us a phone call." Greg can be reached at 978-1962 or by email at: n4pgs@mail.com. Hein's number is 977-4438, and his email address is: hhvatum@nrao.edu.

DATE	DAY	DESCRIPTION	LOCATION	TIME	TYPE
March 8	Sun	Jefferson Cup #1	Walton School	1:00 PM	Bike Race (Kluge Loop)
March 22	Sun	Jefferson Cup #2	Walnut Creek Park	1:00 PM	Bike Race (Keene Loop)
April 19	Sun	MS Walk	Charlottesville HS	2:00 PM	Walk
April 25	Sat	UVa Race #1	Scott Stadium	7:30 AM	Bike Race (Criterion)
April 25	Sat	UVa Race #2	Orange High School	2:30 PM	Bike Race (Time Trials)
April 26	Sun	UVa Race #3	Walnut Creek Park	1:00 PM	Bike Race (Road Race)
June 6&7	Sat/Sun	MS 150	PVCC	6:00 AM	Bike Tour
August 8	Sat	James Madison Stage Race #1	Orange High School	8:30 AM	Bike Race (Road Race)
August 9	Sun	James Madison Stage Race #2	Stanardsville	7:30 AM	Bike Race (Hill Climb)
August 9	Sun	James Madison Stage Race #3	Downtown Orange	1:00 PM	Bike Race (Criterion)

## Bits & Pieces

**Dogwood Parade?** - From Dogwood chairman Ernie Sardi, W2EIU: The AARC will be in the Dogwood Festival again this year PROVIDED we are one of the first 120 organizations to apply for admission. Apparently the parade was too long last year and the committee decided to limit it to 120 entries. Club president Bill Beardon filled out the necessary forms, which were being turned in at presstime. The parade will be held on April 25th if Ernie's memory serves. Look for final details in the April *AARC Bulletin*.

**WAS-hunters** - If you've been trying to chase down a QSO from our 50th state, then tune up your rig the weekend of March 21-22 for the Alaska QSO party. Sponsored by the South Central ARC, the QSO party runs from 0000Z Mar 21 until 2400Z Mar 22. The rules: Work AK stations only (AK stations work everyone). Exchange RS(T) and your state. Score 1 pt/phone, 2 pts/CW, digital or SSTV QSO. 160, 80 and satellite QSOs count double. 1.835 3.700 3.785 7.035 7.135 7.235 14.035 14.245 21.135 21.335 28.135 28.335. Final score is QSO points for AK counties worked. Awards. Send logs by May 31 to Kyle

Sandel, AL7J, 8811 July Creek Cir, Eagle River, AK 99577.

**Speaking of QSO Parties** - Also that weekend is the Virginia QSO Party, sponsored by the Sterling Park ARC. The QSO Party runs from 1800Z Mar 21 to 0500Z Mar 22, and from 1100Z Mar 22 to 0200Z Mar 23. The rules: Single operator, mobile, club, single-multi and multi-multi. Work stations once per band/mode, mobiles as they cross county lines. VA stations work everyone; send serial no. and VA county. CW -- 1.805 and 50 kHz up; phone -- 1.845 3.860 7.260 14.260 21.360 28.360; Novice/Tech -- 10 kHz up and 28.360; VHF/UHF --50.125 147.48 223.50 446.00. No repeater or cross-mode QSOs. Score 1 pt/phone, 2 pts/CW, and 3 pts/VA mobile QSO. Final score is QSO pts VA counties (max 95); VA stations use VA counties/states/ provinces/ DXCC countries for multiplier. VA mobiles add 100 bonus pts for each VA county from which they make a QSO. Club competition. Awards. Send entries by Apr 18 to VA QSO Party, Call Box 599, Sterling, VA 20167.

**Upgrade Notice** - Ann Condrey (KF4JHA) is now Technician Plus. Way to go, Ann!

# CLUB BUSINESS



## AARC Board Meeting Date: February 3, 1998

Board Members present:

Bill, KC4TQF; Dave, K4DND; Chuck, W4SM  
Hein, N4FWA; Joe, KD4RWX; Ernie, W2EIU  
Jessie, KE4OID

### Committee Assignments

<i>Committee</i>	<i>Chair</i>	<i>Board Liaison</i>
Technical	Mike, AC4ZQ	Greg, N4PGS
Fund Raising	E. J. , KD4IGX	Sharon, KO4OC
Youth	Brian, KF4FRP	Jessie, KE4OID
Education	Ann, KF4JHA	Ernie, W2EIU
Publications	Joe, KD4RWX	Joe, KD4RWX
Activities	TBA	Chuck, W4SM

The Activities Committee is subdivided into several sub-committees:

<i>Sub-Committee</i>	<i>Chair</i>
Public Service	Greg, N4PGS
Dogwood	Ernie, W2EIU
SAREX	Bill, KC4TQF
Discovery Museum	Bill, KC4TQF
Presidents Day SE	Bill, KC4TQF
Building& Grounds	TBA
Field Day	Dave, K4DND
Picnic	Jessie, KE4OID
T-Hunts	TBA
Contesting	TBA

Joe (KD4RWX) mentioned some of the publicity efforts being undertaken or planned. Meeting and class announcements are being made in the newspapers and on Channel 10. Crestar's sign at Rio & 29 has been reserved for a Field Day announcement. Jessie suggested we look into the All American Car Wash sign for a Field Day notice, as well.

Dave reported that Sprint had issued the Club a check for \$250 as a donation to reduce out phone costs. He suggested we check into the use of a cell phone.

Dave mentioned a need for radio communication/Ham presence at a small festival in the Stony Point area on the Saturday after Mother's Day.

The SAREX application has been approved. We should be scheduled in about 2 years.

Committee budgets are due by the March Board meeting.

Some preliminary survey data was shared with the Board members. Final data will now be published in the March Newsletter.

## AARC Regular Meeting Minutes Date: February 10, 1998

January Minutes were approved.

New Member: Daryl Preston (no call) was approved as a member.

Bill (KC4TQF) announced that Sprint has issued the AARC a check for \$250. This was in response to a letter from the Club requesting some relief from our cost of providing 911 service, via the 146.760 repeater autopatch.

He also mentioned the Presidents Day Special Event which is being conducted by the Culpeper club. Check last month's newsletter for details.

Ron submitted \$300+ received from computer (Sperry donated) sales.

Joe, KD4RWX, mentioned that progress is being made on the development of a new AARC homepage. Testing has already started.

### PROGRAM

Dave (K4DND) presented a program on ARES/RACES

In special attendance were:

District 3 Coordinator: Morris Jones (NM4R)  
Albemarle County Coord.: Dave Damon (K4DND)  
Fluvanna Cty Coord.: Brian Meadowcroft (KF4FRP)  
Greene County Coord.: Jerry Bortner (KE4NHP)  
Louisa County Coord.: F.I. Luck (AF4DU)

The meeting was adjourned and the attendees enjoyed some refreshments.

*Submitted by Joseph D. Fritz, KD4RWX, Secretary, AARC*



## Greet the New Folks!

New Member: Daryl Preston





## CLASSIFIED COLUMN

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

**FOR SALE:** 220 MHz xcvr & antenna (1/29/98) Don, KE4DDR, wants to sell a Mirage C22A 220 MHz amplifier. 2 watts in gives 20 watts out. He also has a Cushcraft AR220 Ringo Ranger 220 MHz antenna for sale. If you are interested in these items, call him at 804-978-1549.

**FOR SALE:** TS830S, ETC. Neil Henderson, KA2WFH, from Crimora, tel: 540-943-7083, can't have any kind of antenna where he lives. He called with a big list of stuff which he wants to sell as a one price package. I've [KF4FRP] shortened up the list with some general listing. Here 'tis:

- Kenwood TS-830s HF transceiver with external VFO, speaker, mike and manuals (can be modified for new warc bands.)
  - Cushcraft A-3 tri-bander beam with manual
  - Cushcraft HF-6-V vertical, ground radials and manual
  - Cushcraft 2-meter Ringo Ranger
  - MFJ-94LD tuner with SWR meter
  - Two 8-foot sections of tower (I'll try to get mfr info)
  - Two Heathkit SWR meters (to make one good one!) (need model)
  - 2-meter thru-glass mount antenna (new) (mfr?)
  - Bencher iambic paddle (new)
  - Two antenna couplers (new) (need info)
  - Two single antenna dual couplers (new) (need info)
  - Radar unit for car (need make and model)
  - 20 book set of NRI radio instruction course
  - Two Eico field strength meters (new) (need info)
  - Two 6-outlet plug-in units with surge protection (new) (info)
  - Antenna rotator with control box and cable (need model)
  - 4-position coax antenna selector (info)
  - General summary: Assorted wire, cable, ladder line, mikes, Test probes and antenna rods
- PRICE FOR ALL ABOVE IS \$350 FIRM.

**FOR SALE:** DUAL BAND ALINCOs Sam, N4WJQ, has for sale 2 Alinco DR570 dual band 2m/440MHz 50/35 watt transceivers with 10 memory frequencies on each band. One newer, one older but both in good condition. \$250 and \$200 each. 804-973-6384.

*NOTICE: This sale listing may also be found at KF4FRP's web page. You can find him at <http://members.aol.com/kf4frp>.*

## AARC TREASURER'S REPORT February 1998

### INCOME

Donations	
Packet	10.00
Phone	250.00
Repeater	<u>15.00</u>
Total Donation	275.00
Dues	1368.00
Hamfest sales	27.00
Textbooks	<u>14.25</u>
Total Income	1684.25

### EXPENSES

Refreshments	20.00
Parts & Equip	45.43
Telephone	<u>39.06</u>
Total Expenses	104.49

TOTAL INCOME/EXPENSE	1579.76
BALANCE FORWARD	2042.30
OVERALL TOTAL	3622.06

--Sharon Duval, KO4OC, AARC Treasurer

SIXTH ANNUAL  
**S.M.A.R.T.**  
SIX METER AMATEUR RADIO TEAM  
**FEST**  
APRIL 4TH, 1998  
6 A.M. TIL 3 P.M.  
GOOCHLAND COUNTY FAIRGROUNDS  
INTERSECTION OF RTS. 522 & 632  
GENERAL ADMISSION IS \$5.00  
TAILGATING FREE WITH ADMISSION

TALK IN : 147.27 + & 53.07 -

LARGE OUTDOOR TAILGATING AREA! FREE W/ ADMISSION  
GREAT FOOD & REFRESHMENTS!!! KIBBLEDEN'S KITCHEN  
INDIAN TABLES ARE AVAILABLE AT \$5.00 EACH  
DEALER & TAILGATORS SET-UP @ 8 AM  
DOORS OPEN AT 9 AM (COME EARLY FOR THE DEALS!)

CONTACT: BUDDY TRAVIS KA4NNN  
(540) 894-0406 FOR INFO.  
Email: [btravis@smartrc.com](mailto:btravis@smartrc.com)

SPONSORED BY THE SIX METER AMATEUR RADIO TEAM. PROCEEDS TO BENEFIT THE SMART REPEATER SYSTEM.

## AREA HAMFESTS

**March 28-29** Maryland State Convention, Timonium MD

Contact: William Dobson, N3WD, PO Box 95,  
Timonium, MD 21094; 410-HAM-FEST  
email: gbhc@concentric.net  
http://www.concentric.net/~gbhc

**April 4** SMART Fest, Goochland, VA.

Contact: Buddy Travis, KA4NNN, 540/894-0406,  
email: btravis@mnsinc.com

*KA4NNN sent along a map with further details (see p. 8). This tiny fest is trying hard to grow, so any of you not going to North Carolina on Sunday might want to take the drive to Goochland and enjoy the informal, neighborly atmosphere while you hunt for those bargains.*

**April 5** RARSFest98 - ARRL State Convention, Hamfest and Computer Fair, Raleigh, NC.

Contact: Raleigh Amateur Radio Society, P.O. Box

17124, Raleigh, NC 27619.

More Details, courtesy KD4RWX: RARSFest is held in the Jim Graham Building on the NC State Fairgrounds, from 8:00 AM to 4:00 PM. Tickets are \$5 pre-registration/ \$6 at door, with free parking. Talk-In: 146.64 or 147.15

## AMATEUR RADIO EXAM DATES FOR VIRGINIA

(sites within 100 miles of Charlottesville)

**03/07/98** (W5YI) Chester. Anthony Amato 804-717-5237

**03/08/98** (ARRL) Bedford. Judy Friel AC4RG  
540-297-5351

**03/08/98** (ARRL) Middletown. Gregory W Lanham  
KU4AN 540-722-4792

*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.*

MARCH 1998						
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<b>1</b> ©W4DGN	<b>2</b> INFONET 7PM 220 Net 8:00 PM YOUTHNET 8:30PM YL Net 8:30 ©W2EIU	<b>3</b> Board & Technical Meeting 7:30PM ©N4DGR	<b>4</b> Lunch (11-1) Old Country Buffet	<b>5</b> ARES Net 8:00PM	<b>6</b>	<b>7</b> 6-mNet 8AM 50.200 ©KJ4XZ
<b>8</b> <b>Bike Race</b> ©NM4R	<b>9</b> INFONET 7PM 220 Net 8:00 PM YOUTHNET 8:30PM YL Net 8:30	<b>10</b> AARC Meeting 7:30 PM	<b>11</b> Lunch (11-1) Old Country Buffet ©KE4NHP	<b>12</b> ARES Net 8:00PM	<b>13</b>	<b>14</b> 6-mNet 8AM 50.200 ©KC4YLX
<b>15</b>	<b>16</b> INFO-NET 7 PM 220 Net 8:00 PM YOUTHNET 8:30PM YL NET 8:30	<b>17</b>	<b>18</b> Lunch (11-1) Old Country Buffet	<b>19</b> ARES Net 8:00PM	<b>20</b>	<b>21</b> 6-mNet 8AM 50.200
<b>22</b> <b>Bike Race</b>	<b>23</b> INFO-NET 7 PM 220 Net 8:00 PM YOUTHNET 8:30PM YL NET 8:30PM ©KS4NW	<b>24</b> ©KD4CUJ ©KB6UST	<b>25</b> Lunch (11-1) Old Country Buffet	<b>26</b> ARES Net 8:00PM	<b>27</b>	<b>28</b> 6-mNet 8AM 50.200 ©KF4PZE ©W4DO
<b>29</b>	<b>30</b> INFO-NET 7 PM 220 Net 8:00 PM YOUTHNET 8:30PM YL NET 8:30PM	<b>31</b> ©AG4N	© Congratulations to the March Birthday hams!			

**1998 ALBEMARLE AMATEUR RADIO CLUB**

**OFFICERS AND BOARD MEMBERS**

President	Bill Bearden	KC4TQF
Vice-President	Stacey Mills	W4SM
Treasurer	Sharon Duvall	KO4OC
Secretary	Joe Fritz	KD4RWX
Directors:	Dave Damon	K4DND
	Greg Faust	N4PGS
	Hein Hvatum	N4FWA
	Jessie Preston	KE4OID
	Ernie Sardi	W2EIU

**COMMITTEE LEADERS**

Committee Chairman      Director

Education	Anne Condry KF4JHA	Bill Beardon KC4TQF
Fundraising	E.J. Bearden KD4IGX	Sharon Duvall KO4OC
Publications	Joe Fritz KD4RWX	Joe Fritz KD4RWX
Technical	Mike Duvall AC4ZQ	Hein Hvatum N4FWA
Youth	Brian Meadowcroft KF4FRP	Jessie Preston KE4OID

**OTHER POSITIONS**

ARRL Liaison	Bob Pattison	K4DU
ARES/RACES Coord.	Dave Damon	K4DND
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**

<u>INPUT/OUTPUT</u>	<u>      </u>	<u>      </u>	<u>      </u>
146.160/146.760		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	

**Northern Piedmont**

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

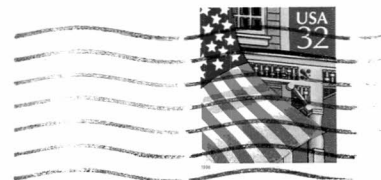
**Youth Net**  
 147.075 repeater Mondays 8:30 pm  
 Net Control: Rotating

**Information Net**

146.76 repeater  
 Monday 7:00 p.m.  
 Newline program & general news  
 Net Control: Harry, W2HD

**YL Net**  
 146.76 repeater Mondays 8:30 pm  
 Net Control: Rotating

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



**AARC BULLETIN      MARCH 1998**

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