



A A R C Bulletin

Newsletter of the Albemarle Amateur Radio Club, WA4TFZ

June - July 1993



NOTES FROM THE PRESIDENT'S DESK

Hamfesting is part of the joy of Amateur Radio. Living here in Charlottesville, we are within comfortable driving distance of a number of hamfests. For most of us, the year begins with the Richmond Frostfest. This event, now held at the Showplace on Mechanicsville Pike, has grown over the years. You will find a good-sized indoor flea market, commercial exhibits and forums. Vienna holds a Winterfest in February; Manassas a large get together at the Prince William Fairgrounds in June and there is also the State Convention at Virginia Beach in September. May is the Roanoke/Salem Hamfest and Lynchburg holds a swapfest in July. If you don't mind a slightly longer drive, you will find the best hamfest food at the Berryville Hamfest north of Winchester.

The "Mother of All Hamfests" is, of course, the Dayton Hamvention. Dayton is simply something that you have to see to believe. The Dayton Amateur Radio Association held its first Hamvention in 1952. At that time DARA had 75 members. The Club allocated \$100 for the project, the committee raffled a 12" TV for additional funds. They had 600 attendees, 7 exhibitors and 6 forums at the first Hamvention and the rest is history.

What is it like at Dayton? Imagine an indoor exhibit area that would combine U-Hall, the Cage, Fashion Square and Albemarle Square. The flea market would fill up the parking lots associated with all of these structures. Then fill those areas with half of the population of Charlottesville.

This year more than 35,000 people attended the Dayton Hamvention. Hams come from all over the world to this annual event. Stu, KC0PR likens it to a pilgrimage to Ham radio's Mecca, a Hadji.

There were more than 4000 stalls in the flea market this year, and more than 600 commercial exhibitors inside the DARA Arena. Exhibiting are virtually all of the manufacturers and most of the organizations within Amateur Radio - ARRL,

AMSAT, QCWA, MARS, QRP-International, etc. If you want to see it, try it, or talk to the people who engineered it, go to Dayton. Everything is there including new products that are often unveiled at Dayton.

The flea market opens on Friday at 8:00 AM. I am convinced that I saw several items in the flea market that you just won't find in the K4RKA/WB4RBW basement. The hamfest runs from Friday through Sunday. There are many other "Unofficial" activities as well. The Frankford Radio Club hosts a hospitality suite at the downtown Stouffers, QCWA sponsors a banquet Friday evening, just to name a few.

Dayton opens its arms to Amateur Radio each year. It is the largest single convention in Dayton, Ohio. If you don't have a hotel room reserved by January 15th you may well have to stay in Columbus, Cincinnati or Indianapolis if you plan to go.

My first Dayton Hamvention was in 1980. This year I had the great fortune to share the experience with my oldest son, Shawn, KD4WXY. It was a real joy to walk the flea market with him and share the experience that is Dayton. Next year's Dayton Hamvention will be April 29, 30th and May 1, 1994. Shawn has already told me that he wants to go back. I hope you can join us!

73 de KM4DU

AARC Treasurer's report as of May 5, 1993

Repeater	\$1792.75
220 Rpt	490.00
Packet	153.39
Link	464.37
Bank Bal.	\$4975.53.

Largest disbursement since last report: \$416.97 for printing and postage. At present we have 131 paid members, of which 34 are family members.

WA4UPL





OPERATIONAL AWARDS:

The purpose of these awards is not to compete with the ARRL, CRRL, or any of the other radio bureaus which offer awards. It is a program designed for the local community and for the AARC and its membership, but not limited to that membership.

WLS Award - (Worked Lotsa States) This award is for confirmed contacts with at least 18 of the 50 U.S. States. Contact may be any mode, any band. Contacts must be made from within 25 air miles from the licensed station location. No mobile contacts.

Big Ten Award - This award is issued to those individuals who work stations in all 10 U.S. call areas. Contacts must be made from within 25 air miles of the licensed station location. Contacts may be any band, any mode. No mobile contacts. Confirmation required.

All-American Award - This award is issued to any individual who works at least 1 station in Canada, the U.S. (but not your own state), Mexico, Central America (no Caribbean contacts), and South America. Contacts may be any band, any mode. No mobile contacts.

Worked All U.S. Border States - This award is presented to any individual who successfully works all states which border Canada, Mexico, the Atlantic and Pacific Oceans, and the Gulf of Mexico. Required states are ME, VT, NH, MA, RI, CT, NY, NJ, DE, MD, VA, NC, SC, GA, FL, AL, MS, LA, TX, NM, AZ, CA, OR, WA, ID, MT, ND, & MN. Confirmation required. Contacts may be any band, any mode. No mobile contacts.

ACHIEVEMENT AWARDS:

These awards denote special achievement in the area of service to the club, the community, and/or amateur radio. These awards are nominated by the club membership and decided upon by the Awards Committee and the Board of Directors, unless otherwise specified. These awards are presented at the annual dinner meeting, unless noted differently.

Life Membership - This is awarded to the individual who has demonstrated a very high degree of dedication to amateur radio and the club. Those so honored shall have full membership for the life of the individual. He/she shall have all rights and privileges conveyed by full membership, but shall not have any financial obligations insofar as dues are concerned. This award need not be awarded every year. A majority of the Board of Directors shall decide on the slate of nominees, if any, put forth by the membership and shall make any award determination. This award is presented during the annual dinner meeting.

Ham of the Year Award - This award goes to the individual who, through dedication and hard work, exemplifies the best of what an amateur radio operator should be. The recipient is nominated by the membership and selected by the Awards Committee and the Board of Directors. This award is presented during the annual dinner meeting.

The President's Award - This award is determined and presented by the club president. He/she may present this award if he/she feels a particular individual is deserving of special recognition. This award is solely the domain of the club president. This award may be presented at any meeting or club function.

The Public Service Award - This award is presented to those individuals who participate in a specific number of public or community service related activities which the club participates in either as the AARC, or as the local chapter of ARES or RACES. Examples would be bike races, triathlons, walkathons, NOAA disaster drills, 911 Emergency Preparedness drills, etc. Each event will count as 1 point. 10 points are necessary to obtain the basic certificate. For each additional 10 events, up to 40, the original award will be upgraded with a seal or sticker. Upon reaching 50 events, a plaque will be awarded and bars added for each additional 50 events. You need not apply for this award as a database is being created and all event participants will automatically be entered. Please note that you must work the event, simply showing up just in case you are needed will not qualify you to earn points toward this award unless so stipulated by the event coordinator or public service committee chairman. This award is presented at the annual dinner meeting.

The Elmer Certificate - This is awarded to any individual who is nominated by a new ham. This certificate is the official "Thank You" for helping the new ham get a good start in our hobby. This award is presented at the annual dinner meeting.

KC4TQF



EDUCATION REPORT

As another Novice/Technician class draws to an end, it's time for the Education Committee to sit back and review our results. Bill, KC4TQF, and I tried a few new ideas this time around. The semester was extended from 11 weeks to 14 weeks, allowing 3 additional class sessions for "experimentation". In one of the additional classes, a seminar entitled, "Discover the World of Amateur Radio," was offered to our students, complete with presentations by 3 guest speakers. Ed Lang, KC4YLX, gave his usual, well polished introductory lecture on the topic of satellite communications. Judging by the apparent interest of the audience, I'll bet Ed will be having a few more guest operators at that new shack of his. Next up was Hein Hvatum, N4FWA, speaking about packet radio, fully prepared with his battery powered packet station! This hands-on demonstration evoked more than a casual interest by the class including a young student named Bethany Jessen who was very intrigued by it all. Wrapping up the evening was a presentation by Sharon Duvall, KO4OC, on the joys of contesting. I'm sure Sharon's attractive display of QSL cards and special event certificates helped to create some new "paper chasers" that night. Hats off to Ed, Hein, and Sharon for a job well done. In addition to the seminar, two evenings were dedicated to ham radio laboratory sessions, where a complete station was assembled and put on the air with full class participation. The modes of operation included HF, CW, and RTTY. Weeks in advance, an invitation was extended to each student to have his or her first CW contact on laboratory night. What could be more soothing than to have that first "white knuckle" experience under the watchful eye of the kind instructors, right? Wrong! Judging by the anxiety level as the class responded to our offer, we determined a more sneaky approach was in order. On the evening of the first lab session, the class was told I was unexpectedly detained at work and that Bill would be running the session alone that night. Once the HF station was fully assembled, Bill suggested a volunteer student send a "practice" CQ in CW on an apparently dead 10 meter band. Who could possibly respond to a CQ on 10 meters at 7:30 pm these days? Well, one brave soul gave it a try. After the CQ was sent, the class expected to hear nothing, but to their surprise, back came a response. "I think the call is W...A...2...M...F...I—hey, that's Bob!" Well it turns out I wasn't detained at work at all. I was parked less than a mile away with my mobile 10 meter rig. Pretty sneaky eh? Maybe so,

but it got the first student on the air. After the ice was broken, most everyone gave it a try. Mission accomplished. As of this writing, eight of our students have successfully completed the requirements for their Novice license and many upgrades to Technician w/code are expected at the upcoming VE session. Due to the impending FCC regulation, this will most probably be our last chance as instructors to administer and grade the test elements required for the Novice ticket, outside an official VE session. It has been a privilege to test students in our relatively "stress free" classroom and it will be missed. 73, Bob WA2MFI

VEEP'S CORNER

Well, the special event came and went and I think I can truthfully say that it was a complete success. We contacted 46 states and 17 countries. Our contact total was 507 contacts made and we had a total of 28 operators. However, more importantly, we all got the chance to spend time with people we just see at meetings and we got a chance to know each other a bit better. I think that in itself makes this event a success. I would like to thank the following individuals, because without you there would have been no special event station - KC4GPZ, KC4YMQ, W2PVY, KD4ATH, KD4BZI, KD4BZH, KD4CUA, KC4YLX, KD4GRM, KD4LEF, KM4DU, KD4WXY, AC4ZQ, KO4OC, KQ4MY, N0RDQ, W2HD, W6UZ, WA1CJY, KD4RWX, KD4SOA, KO4WQ, KQ4MZ, N4PGS, W4AVO, WA2MFI, and new Novice, Gina Spivey (call pending - KE4???). I would also like to say a special thank you to - KC4YLX and KD4GRM for their hospitality during this event and for the use of their shack, - KD4RWX and KD4SOA for operating the auxiliary stations in addition to the event station, - "Little Brown Dog Security Co." of Troy for station security during the event, - and a very special thank you to Bill Lakatosh, AA4TJ himself, for allowing us to borrow the perfect call for this event. Hang on to the call, Bill, we may want to do a 300th birthday bash also...Hi. A suggestion was made that we may want to do at least 1 special event each year, probably something like the Dogwood Festival, and others as the need or desire arose. Let me know what you think.

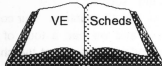
73, KC4TQF

DON'T FORGET: THE JUNE AARC MEETING WILL BE ON DIGITAL COMMUNICATIONS. ALSO THE PICNIC COMMITTEE WILL REPORT ON THEIR PROGRESS.



EFFECTIVE IMMEDIATELY

ARRL members wishing to apply for any of the 10 different and separately numbered awards in the WAS (WORKED ALL STATES) or for the VUCC (VHF/UHF Century Club) can have their cards checked and applications verified locally. John Gray, W6UZ, has been appointed HF and VHF Awards Manager for the Albemarle Amateur Radio Club, a Special Service Club. Details on these awards can be found in the ARRL OPERATING MANUAL. Application forms are available from W6UZ when you have accumulated the required confirmations. Note: This does NOT apply to the HF Award DXCC (DX Century Club).
W6UZ



(Virginia Locations only)

June 11 - Culpeper (ARRL-VEC). Contact Bill Brown, AC4KP (703) 547-3089

June 12 - Richmond (ARRL-VEC). Contact Rick Cook, AB4U (804) 798-5048

June 12 - Alexandria (Laurel VEC). Contact Frank Mackey, N4GUS (703) 455-1510

June 12 - Harrisonburg (ARRL-VEC). (See note) Contact Marshal Cooper, N4ZKH (703) 856-8012 (6-9pm)

Note: The Massanutten ARA (Harrisonburg) states that they give exams on the second Saturday in all even months.

EVERY 2nd SUNDAY - Bedford (ARRL-VEC). Contact Bob Treacy, W2QZY (703) 297-5351

LAST TUES OF MO. - Danville (W5YI-VEC). Contact WB4CCT (804) 793-0772

[Above information taken from *Autocall* and *SERA Journal*]



Handhelds, popularly called "Handie-Talkies" (HTs) (which is really a copyright title by a commercial manufacturer) are one of the "handiest" (no play on words!) pieces of equipment we Hams have these days. They have come a long, long way from the "bricks" we once used: Those "bricks" were truly the size of a brick and almost twice as heavy. They featured a great big single channel crystal-controlled frequency. Oh, some were lucky and had a whole two channels! (Still crystal-controlled, however.) The rigid wire antenna, more often a collapsible whip, was an eye-poker-outer.

Today, we have the modern handheld radio with its many features which include a bunch of memories, selectable tone access, DTMF, high efficiency, and battery-saving to name a few. However, one change has taken place which was really a step backward in you writer's opinion, even though it was a safety feature. That is the rubber-duck antenna. Single-band or multi-band, the rubber-duck is still the antenna in popular use. Well, it should be, too. It's handy (there's that word again!) and allows you to clip the rig to your belt with putting a hole in your lungs or stomach! But... and that should be a big BUT...should we use them all the time?

The answer is when you are running about at a Hamfest or other place where the eye-poker-outer feature would be dangerous, the rubber-duck antenna is ideal. However, a few weeks ago, we had several power outages in various areas of the Charlottesville vicinity and many folks were checking in from their homes with the HT and, oh yes, that rubber-duck, too. Many of the signals from these HTs were weak, scratchy, or even non-existent.

Friends, here is the point of this little article. Why not put up an indoor antenna somewhere in your house with a short piece of RG-58u. Many of you may recall when Bud, KB4JNI, gave us a talk on a collinear antenna which you could fold up and put in your pocket. It could be hung from a curtain rod or anything in the home and would provide gain. Ground plane antennas can be built from a PL-259 chassis connector and some 19" pieces of wire for two meters and much shorter lengths for our 444.250 repeater. A vertical dipole can be made from a connector and two pieces of wire for the quarter wave ends. It, too, can be hung from a door or some other support.

There are many ways to make your 1 to 2 watt HT put a better signal into our repeater. You might even go back to that rigid wire or collapsible vertical. How about trying it?

de W2HD

=====



Hamfest Calendar (MD, VA, NC)

June 12 - Winston-Salem Hamfest, Winston Salem, NC

June 20 - Frederick Hamfest, Frederick, MD (not confirmed)

July 25 - BRATS Maryland Hamfest & Computer Fest,
Timonium, MD

Aug. 1 - Shenandoah Valley Hamfest, Berryville, VA

[Above information taken from Autocal and SERA Journal]

=====

The following information was taken from the publication entitled, *The Community ALERT*.



ALBEMARLE AMATEUR RADIO CLUB JOINS MOBILE WATCH NETWORK

After one year of successful operation the Mobile Watch Program has expanded to include a new group in its crime observation and reporting network. In February over 40 members of the Albemarle Amateur Radio Club were trained in emergency communications and are now full-fledged Mobile Watchers, complete with yellow and black bumper stickers.

Radio club members join over 200 drivers from Adelphia Cable, Centel and Virginia Power who have been active "watchers" since March of last year. Callers have logged over 90 calls, about eight per month, to the Emergency Operations Center, reporting everything from disabled vehicles and accidents to past break-ins.

The radio operators will add flexibility and additional coverage to Mobile Watch because they are out on weekends and after dark when utility vehicles are less likely to be on the

roads.

Please remember that Mobile Watch drivers are trained observers that can provide assistance and instant communications in an emergency.

=====



REPEATER NEWS

At the May Meeting of the Albemarle Amateur Radio Club a motion was passed instructing the President to convene an Executive Committee to address concerns of the membership regarding support of our repeaters and the use of the 146.76 repeater during peak drive time.

It is our desire to maintain the open and friendly personality of the 146.76 machine. Given the nature of the Charlottesville area we often have visitors to the community and new Hams that pop up on frequency. We want all who use the machine to welcome other users and be available to lend a helping hand.

It is important that people who use the repeater support the repeater. We recognize that some donations may not come in a monetary form. Donations can also be in the form of service. Maintaining three (soon to be four) repeaters requires effort and expense. It is not the desire of the club to levy an annual repeater fee. We do, however, urge everyone who uses the repeaters or packet services to support those services annually with a donation to the repeater or packet fund or a contribution of service.

The 146.76 repeater is here for all to use and enjoy. There are some very important guidelines that we should observe as follows:

1. The repeater is a common channel that many amateurs in the community use. If you can accomplish your communications via simplex then use the repeater as a calling channel and move to a simplex frequency to complete your communications.
2. Listen for the courtesy beep and leave ample time for others who may want to use the repeater to break in by identifying over the beep. This is very important! People may have emergency traffic or may want to make a quick call. If someone breaks in by identifying, yield the repeater to that party so they can complete their business.

3. The proper way to break into a conversation in this area is to identify with the suffix of your call or the phrase "call please". Only use "Break" if you have a bona fide emergency. If a station uses "Break" we expect the stations on the repeater to yield immediately to the "Breaking Station".

4. During the prime drive time periods 7-9 AM and 5-7 PM limit the length of your conversations. Keep it under 10 minutes during these potential high use periods. We have more than 150 members who may want to use the machine during that time frame. If you want to continue a conversation, please move to a simplex frequency or one of the other repeaters in the area: 146.925, 145.29, 146.895, 444.250 and soon 224.76.

5. Charlottesville is fortunate to receive many visitors during the year. If you hear a new station on the air welcome them to the area and offer assistance. Invite these folks to come to our meetings, join us at Bonanza and check into the net. Help them if you can with their requests for assistance and directions. We have a reputation for being a friendly group of folks. Let's keep it that way.

Finally, we recognize that Amateur Radio is a public service, and we all get a great deal of pleasure through the operation of our stations and the friends that we meet on the air. We believe that communicating these guidelines in writing to those who use the repeater will accomplish our goal of better operating practices and enjoyment of our resources. We will rely upon the honor of those who earned the privilege to operate in a manner that will enhance, not diminish the pleasure we all derive from Amateur Radio.

AARC Executive Committee

YOU NEVER KNOW WHO'S LISTENING!!!

The next time you decide to vacation,

**DON'T GIVE DETAILS OF WHEN
AND WHERE OVER THE AIR!**

You could be inviting unwanted guests
to your house while you're gone!!

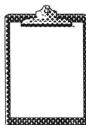
ARRL FIELD DAY NOVICE STATION



Any Amateur Radio Operator with NOVICE or TECHNICIAN operating privileges wishing to participate in the AARC Field Day exercise on June 26-27 should contact Joe Fritz (KD4RWX) concerning that interest. Newly licensed operators are encouraged to participate. We will be setting up and operating our own station. I will be establishing an operating schedule and need your preferred operating times. We will need to gather equipment and supplies. CW, RTTY, Packet, and phone modes will be used, as permitted, within our assigned frequencies. I will be looking for some special equipment and will inquire about same when you contact me.

Contact me via radio, 146.760, phone 804-973-1738, or packet KD4RWX@WA4TFZ.

Joe Fritz, KD4RWX, Novice/Technician Station Coordinator-1993 Field Day.



PUBLIC SERVICE

March of Dimes. Sunday April 25.

We supported the March of Dimes Sunday April 25. They used JAUNT vans as sagwagons, a good idea. JAUNT's radio system operates on 461.825 MHz using a repeater on Carters Mountain. Sharon (KO4OC) was net control for both nets, ours and JAUNT's. JAUNT gave her one of their radios and assigned her "number ONE" which means, I suppose, that she was in complete control. Everything went smoothly, no big emergencies. There were over 2000 walkers and JAUNT was busy carrying tired walkers with their four vans.

Triathlon at Lake Monticello. Sunday May 2.

Sunday May 2 we provided communication for the Triathlon at Lake Monticello. No big problems, just the usual. One biker crashed and his bike (carbon fiber frame) practically disintegrated. Carbon fiber is light, strong, and very expensive, but when it is over-stressed it breaks into small pieces.

AIRPORT 93. Tuesday April 27.

And then the BIG one, AIRPORT 93. This was a short, but intense, drill with all city and county emergency services in on. The drill was staged as several terrorist attacks both at the airport and strategic points in the city. It lasted only two and a half intense hours.

I am happy to report that we got very good marks from the organizers.

COMING ATTRACTIONS
(you don't want to miss)

Multiple Sclerosis Bike Tour. Saturday-Sunday June 12-13.
A 150 mile bike tour Charlottesville - Farmville - Concord.
Start at Piedmont Community College. Overnight at the Longwood College in Farmville. (Airconditioned dorms!).
Finish at the Stonewall Vineyards near Concord. (Free samples?)

Biathlon at Free Union. Sunday August 8.

Multiple Sclerosis Harvest Bike Tour. Saturday September 25.
A bike tour within Albemarle County. 25, 50 and 100 miles.

***FWA

T -HUNT

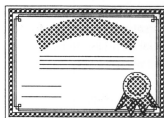
TRANSMITTER HUNT JUNE 20th - A club transmitter hunt will take place on Sunday June 20, 1993. If weather permits, this hunt will simulate an injured hiker who is not a resident of this area. The start time will be 1:30 pm. The searchers may start from any location. The initial call will be made using the 146.76 MHz repeater. Additional information may be provided on that repeater by another person who is not at the hidden transmitter site. The hidden transmitter will use a common simplex frequency 146.52. This transmitter will have 1 rechargeable battery pack, and two sets (6) of AA dry cells. The hunt ends when, 1) someone obtains the secret number affixed to the transmitter; or 2) when all transmitting power is used (i.e. the lost party cannot be found in time). Note: a moderate walk (less than 1 mile) may be required.

The transmitter will be located within Albemarle County. Cooperative efforts are encouraged. The finder of the transmitter will conduct the next hunt. If the transmitter is not found, a club member will be selected from a list of club

members who submit a request to conduct the next hunt.

Joe Fritz, KD4RWX, will hide the transmitter.

\$



CONGRATULATIONS!!

The following people either upgraded or acquired licenses at the VE session on May 1, 1993:

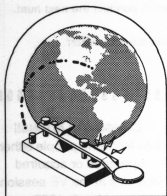
N4HTL	EXTRA	-	DAVID BROWN
KD4CUA	GENERAL	-	MARK SLEAZAK
KE4AEK	TECH +	-	JOHN W. SMITH
KE4AQC	TECH +	-	JAMES B. NELSON
KE4AQD	TECH +	-	ROBERT H. NELSON
PEND'G	TECH +	-	GINA W. SPIVEY
PEND'G	TECH	-	DONALD E. BUSH
PEND'G	TECH +	-	ALISA C. WILDMAN
PEND'G	TECH	-	PETER R. THORSEN JR
PEND'G	TECH	-	KENAS L. SHIFLETT JR
PEND'G	TECH	-	JOHN A. TOMS
PEND'G	NOVICE	-	DAYNA B. MATTHEW

\$



**WON'T YOU JOIN US?*

A "Monday Night Net" has been planned which will be held at 7:00 pm on the 146.76 repeater. Swapping of information regarding anything on your mind is the object of this net. It will give a chance for those who cannot get to Bonanza lunches to get a chance just to chat with others and keep up on the goings-on in the area. Pat Wilson, N0RDQ, has agreed to be Net Control. If others would like to help Pat out with Net Control, just let it be known on the net. Also, this net has not yet been given a name, so if you can come up with a "ham'dy one, please suggest it! Hope to hear you on the Monday Night Net!!



AARC

WA4TFZ

The Albemarle Amateur Radio Club is a public service organization advocating amateur radio and service through regional and world radio communications. The *AARC Bulletin* is published bimonthly for the membership. Correspondence and editorial submissions are welcome.

Editor:

Melissa Lang, KD4GRM

Staff:

Ed Lang, KC4YLX

Harry Dannals, W2HD

Pat Wilson, NØRDQ

Bob Pattison, KM4DU

Boris Starosta, KC4ZKA

AARC Bulletin

P.O.Box 6833

Charlottesville, VA 22906



BULK RATE
U.S. POSTAGE PAID
PERMIT # 483
CHARLOTTESVILLE, VA

KA4JJD

Michael F. Rein
109 Sturbridge Rd.
Charlottesville VA

1993

22901



W A 4 T F Z



Albemarle Amateur Radio Club

P.O. Box 6833 • Charlottesville, VA 22906 • USA

The Albemarle Amateur Radio Club now has available Award Certificates for the following accomplishments:

ALL AMERICAN For having contacted and logged one station in each of the following. CANADA, U.S.A., MEXICO, CENTRAL AMERICA, SOUTH AMERICA.

WORKED LOTSA STATES For having contacted and logged one station in at least 18 of the United States of America (U.S.A.).

THE BIG TEN For having contacted and logged at least one station in each of the ten United States of America call sign areas.

WORKED ALL BORDER STATES For having contacted and logged at least one station in each of the 30 border states indicated with an "*" on the application sheet.

All direct contacts may be used, regardless of mode, for any award. That is to say, a single contact may be used for more than one of the four awards listed on the reverse side. There are also special endorsements for earning any award in a single mode. All contacts must be made when you are within a 50 mile radius of your home station. You must have QSL Cards or LOG entries that verify your contacts and these may be randomly checked by the Awards Committee. Do not submit QSL Cards or station log unless specifically requested to do so. If you have questions concerning this application, see any member of the Awards Committee, listed below.

The application form on the reverse side must be completed and delivered with the required fee for processing. All applications carry a fee of \$1.00 regardless of the number of certificates being applied for on any one application. On this application you may apply for 1, 2, 3, or 4 awards. Applications returned for any reason will be refunded fully. The completed application may be submitted to any member of the Awards Committee for verification and processing. These committee members are: Bill Bearden (KC4TQF), Joe Fritz (KD4RWX), and Pat Wilson (N0RDQ). You may also mail the application directly to:

Joe Fritz
2306 Williamsburg Road
Charlottesville, Virginia 22901-1431

ALBEMARLE AMATEUR RADIO CLUB AWARD APPLICATION #1-4

____ LOTSA STATES (18 or more)

____ ALL AMERICAN

____ *BORDER STATES (30)

STATE	CALL	DATE	MODE
*AL	_____	_____	_____
AK	_____	_____	_____
*AZ	_____	_____	_____
AR	_____	_____	_____
*CA	_____	_____	_____
CO	_____	_____	_____
CT	_____	_____	_____
*DE	_____	_____	_____
*FL	_____	_____	_____
*GA	_____	_____	_____
HI	_____	_____	_____
*ID	_____	_____	_____
IL	_____	_____	_____
IN	_____	_____	_____
IA	_____	_____	_____
KS	_____	_____	_____
KY	_____	_____	_____
*LA	_____	_____	_____
*ME	_____	_____	_____
*MD	_____	_____	_____
*MA	_____	_____	_____
*MI	_____	_____	_____
*MN	_____	_____	_____
*MS	_____	_____	_____
MO	_____	_____	_____
*MT	_____	_____	_____
NE	_____	_____	_____
NV	_____	_____	_____
*NH	_____	_____	_____
*NJ	_____	_____	_____
*NM	_____	_____	_____
*NY	_____	_____	_____
*NC	_____	_____	_____
*ND	_____	_____	_____
*OH	_____	_____	_____
OK	_____	_____	_____
*OR	_____	_____	_____
*PA	_____	_____	_____
*RI	_____	_____	_____
*SC	_____	_____	_____
SD	_____	_____	_____
TN	_____	_____	_____
*TX	_____	_____	_____
UT	_____	_____	_____
*VT	_____	_____	_____
*VA	_____	_____	_____
*WA	_____	_____	_____
WV	_____	_____	_____
WI	_____	_____	_____
WY	_____	_____	_____

*Border States

CALL

DATE

MODE

CANADA _____

USA _____

MEXICO _____

C. AMERICA _____

S. AMERICA _____

____ BIG TEN (Worked All USA call areas)

CALL AREA

CALL

DATE

MODE

1 _____

2 _____

3 _____

4 _____

5 _____

6 _____

7 _____

8 _____

9 _____

0 _____

APPLICANT INFORMATION

(Please Print Clearly)

*NAME _____

*Use the name you want to appear on your award(s).

CALL _____

STREET _____

CITY _____

STATE _____

ZIP _____

List previous call(s) used for any of the submitted contacts.

1. _____ 2. _____ 3. _____

A fee of \$1.00 must accompany each application form to help defray mailing and printing cost. Checks should be made payable to AARC.

I certify that I have QSL cards or LOG entries proving eligibility for the award(s) applied for above.
(Proof of contacts may be required.)

(signature)

(date)

(call)

-----Official use only-----

ACCEPTED BY _____

DATE _____

Printed July 24, 1993