



The Beacon

A monthly newsletter of the Albemarle Amateur Radio Club serving Central Virginia

Celebrating our 51st Year

August _____ 2014

Our next AARC meeting is set for August 12 at 7:30 pm. The meeting will convene at the NRAO and feature Marty Wangberg, W4MBW who will talk about amazing "skyhooks," magnetic loop antennnas.

President's Corner

By Jim Owen – K4CGY



Well another month has come and gone and what a month. The highlight for four of us, Harry W2HD, Bob K4DU, Jim K4BAV and me K4CGY was the attendance at the ARRL 100th Anniversary celebration in Hartford, CT. After a long, 12 hour trip up we arrived to find thousands of attendees just about anywhere we went. I'll let the other three tell you their experiences and center on mine. The registration opened at 8:00 AM Thursday and my first training track (RFI) started at 8:30 AM. Arriving I found at least 800-900 in line and they had to be through in 30 minutes for me to make my course. Needless to say this wasn't going to happen so they moved the start of the course to 9:30 AM. This was the only hitch that I observed though they say there were others. The RFI course was very enlighten on both what causes and doesn't cause power line noise. Very briefly it takes an ARC to cause noise and corona discharge is not generally a problem as it doesn't propagate and can only be heard for about 100 feet or so. The main culprit is staples. That's right

staples, the ones that hold the ground wire to the pole. What happens is that the staple backs out slightly or corrodes and due to the electric field of the line above has induced voltage. The staple then discharges to the ground wire. Also missing spacer clips on the insulators can cause the same type of effect. The only way to really find the noise is with an Oscilloscope and observe the waveform as each arc will have a different pattern. Connect to the antenna of the station where the noise is observed, record the waveform and then track that noise waveform and only that one. A noise receiver makes the job much easier. If it located close use a 2m frequency, if a long distance use an 80m frequency. Also, if when tuning your receiver the signature of the noise changes then it's NOT power line noise but some other device. Enough on this as it would take much more space than here to cover.

On Friday morning the exhibits opened with most of the major manufactures displaying their equipment as at any ham fest. Other seminars were also given on the hour and I attended the Six Meter, restoration of equipment and the QRZ for the future ones. I learned many different things from each of these and will have to explore them in the coming months.

I took a bus tour to Headquarters and was amazed at how the W1AW station is set up. I had never realized that the building and the antenna grounds were so small. If you think that your lot is too small then you need to learn from W1AW. I doubt if the area of the station and antenna field, three towers plus dipoles, exceeds 1/2 acre. If you ever get a chance to get to Newington be sure to pay a visit. All in all it was a once in a lifetime experience and if there is another in the future be sure to attend. I doubt that any of us will make the 200th however.

As far as club business, please remember the up coming bike and foot races for which we supply communications help and sign up. Also we have an airport exercise, VE testing, the CCC operation and others. Please sign up as you are available.

Remember starting at the August meeting we will be doing things differently. There will be minimum or no business and an emphasis on the presentations. Hopefully when we get the bugs worked out of this maybe we can have several presentations and/or discussions of different items of interest. Come to the meetings and help us perfect this new meeting procedure. Also if you have something of interests that you

would like to present get in touch with our vice-president Joe W2PVY.

AARC Picnic and Silent Auction

By Jim Crosby – K4JEC

Wow! One of the highlights of the club year is fast coming around. The AARC Annual Picnic/Silent Auction has been set for Tuesday, September 9, at the Elks Club Pavilion located across from Towe Park. The picnic is scheduled to start at 6 p.m. Each club member is requested to bring a dish to share to round out the menu of hotdogs and hamburgers from the grill.

The club will be providing the condiments, meat, cold drinks and paper products. Each dues paid member is invited to bring their immediate family. Former and prospective members are invited to attend and will be expected to pay the ½ year dues of \$10 to be considered a member in good standing or a \$5 fee just for the banquet. Any non-member amateur is invited to attend for a \$5 fee for the picnic and participate in the silent auction of amateur gear/equipment.

While dining and visiting, you are invited to browse the auction items and place your bids. Each item will have a bid sheet upon which bidders can place their bid. Bidding will stop promptly at 8 p.m. and the bidder with the highest bid gets to claim the item and settle up with the owner. If no bid meets or exceeds the minimum bid established by the seller, you can begin negotiations with the seller who might be willing to accept your offer.

Spread the word and invite your amateur friends who might not belong to our club to share this wonderful event of fun and fellowship.

Note from another president

ARRL President Kay Craigie, N3KN, has issued an urgent call to all radio amateurs to get behind a grassroots campaign to promote co-sponsorship of HR.4969, "The Amateur Radio Parity Act of 2014." HR.4969 would require the FCC to extend PRB-1 coverage to restrictive covenants. It was introduced in the US House with bipartisan support on June 25 at the request of the ARRL, which worked with House staffers to draft the legislation. The measure would require the FCC to apply the "reasonable accommodation" three-part test of the PRB-1 federal pre-emption policy to private land-use restrictions regarding antennas. The bill's primary sponsor is Rep Adam Kinzinger (R-IL). It had initial co-sponsorship from Rep Joe Courtney (D-CT).

President Craigie also exhorted all radio amateurs regarding support for HR.4969 in remarks appearing in the *The ARRL Legislative Update Newsletter*. Craigie stressed in the *Newsletter* that the legislation stands to benefit not just today's radio amateurs but those in the future.

"Chances are, those Americans of the future will grow up in communities having private land use restrictions," she said "That is the way the country is going, and it is very bad for Amateur Radio. How can Amateur Radio thrive, if more and more Americans cannot have reasonable antennas at home? You and I have to stand for the Amateurs of the second century."

If the measure passes the 113th Congress, it would require the FCC to amend the Part 97 Amateur Service rules to apply PRB-1 coverage to include homeowners' association regulations and deed restrictions, often referred to as "covenants, conditions, and restrictions" (CC&Rs). At present, PRB-1 only applies to state and local zoning laws and ordinances.

VA Beach Hamfest

By Charley Chapman – W1WTG

Now that the ARRL 100 is over(a super event), it is now time to put the Virginia Beach Hamfest on September 6 on your must do list. The web site is www.vbhamfest.com and this OUTSTANDING WEB SITE contains all the information. It includes the forums, banquet, exam, registration, and all the other info that you might need.

THE VADXCC BANQUET will be at 6pm on September 6 at Gus and George's Spaghetti and Steak House, 4312 Va. Beach Blvd., Va. Beach 23454. Tel. 757-340-6584. Space is limited so please sign up early by contacting Charlie, W1WTG, at 757-681-4190 or w1wtg@arrl.net. The speaker will be Krish, W4VKU, who did the VU4K DXPEDITION to Andaman Is.

Technical Committee report

By Bill Pond – N0WP

This has been another busy month. We've been focused on the project to minimize to the maximum amount possible, duplicate ID's being retransmitted as audio over the linked repeater system. This has been complicated by a specific bug in the Arcom controller code that, once the avoidance procedure was discovered, is easily avoided.

In order to accomplish the duplicate ID avoidance fix, we needed to purchase new external CTCSS encoders from Communications Specialists at a cost of \$29.00 each, one for each site. This allows us to turn the outgoing CTCSS tone off during the link radio sending it's ID. The ID is still legally transmitted in CW, but since it's not accompanied by CTCSS, the central link receiver does not "hear" it, so it's not retransmitted.

We first installed this change at the 146.895 site on June 11, but we experienced the controller "bug" mentioned in the first paragraph, so it was removed till we could work out the issue.

Early in July we had learned the final fixes, worked out the required settings, and were able to install it at the 146.895 site. We did this work on July 9. We also replaced the link radio with a different model Motorola radio that gives us additional capabilities. Preliminary tests and monitoring showed a successful result.

Early in July, a new problem, or possibly, a re-occurrence of an old problem with the 146.925 showed up. The receiver appeared to go either inoperative, or lost much of it's receive sensitivity. Also reported to me was someone feeling that it wasn't requiring CTCSS to open squelch, even though I didn't observe that. The transmitter did work when

the incoming audio came over the link radio. We had attempted a site visit on June 11, but were unable to perform any work due to the access road being closed. On July 24, Dave, K4DND and I made the trip to the site in less than optimum weather conditions. We replaced the link radio to match the work at 146.895 to address the extra ID issue. As a semi-permanent fix for the 146.925 receiver issue, we installed a separate, modified Motorola VHF radio as a receive only radio on 146.325 with an external CTCSS decoder. The internal receiver of the ICOM repeater is now unused. Initial testing seems good for both major changes made on July 24 at this site.

The next major task needed will be a site cleanup visit at the Marshall Manor (146.760) site. This should be accomplished within the next month or so. This will require a team of volunteers with weed eaters, vine cutters, etc. Another similar trip should also be planned for the Heard Mountain site since weeds are getting ahead of us at that site.

A minor task needs to be accomplished at 146.760 relatively soon, the incorporation of the fix to minimize duplicate ID's on CW ID's being sent by the link transmitter at this site. This will be fairly simple due to the hardware in use.

We also have a major issue I'd like to bring to the clubs attention that will need to be addressed at some point in time at 146.760. From time to time, the repeater begins periods of "popcorn" type noise, mostly on weaker incoming signals. This is one of the symptoms of the problem we spent so much time working on in 2012 till we finally discovered we could avoid it by turning off the outgoing CTCSS tone. Unfortunately, we all know this means we can't use tone squelch on our radios, so we hear Williamsburg and other repeaters during periods of "ducting" or other times that VHF signals are heard over longer than typical distances. All of the symptoms point to a problem with the duplexed 2 meter antenna where broadband noise in a poor, weathered, or oxidized joint or component is heard by the receiver. This only exists in a system where the same antenna is used to transmit and receive on the same band. This is a typical configuration, and one in use at every one of our repeater sites. Over the past year, we've eliminated virtually every piece of hardware in the repeater system other than the antenna or a connection at the antenna. My best idea to hopefully prove this issue is to use the current 440 antenna also as a receive antenna for the 146.760, while maintaining the transmitter on the 2 meter antenna. This should eliminate the "duplexed antenna noise" issue, and allow us to turn the outgoing CTCSS tone on if the 2 meter antenna is causing the noise and feedback. Unfortunately, this would in all likelihood reduce receive sensitivity somewhat.

Any antenna replacement or connection repairs at the antenna would require someone to climb the tower (110 feet Rohn 25 I believe). The tower currently has our 2 meter antenna close to the top, and our 440 antenna 15 feet or so under it. (Tim, KG4HOT's 224.600 antenna is at the top). If we were to replace the 2 meter antenna, I believe the best plan would be to replace both antennas with dual band units. This would give us many configuration options of duplexing them as individual units, or using them as separate antennas, one for transmit, the other for receive. The cost of the tower

climber would most likely be much more significant than that of the antennas themselves. I've made some tentative queries trying to find someone capable of doing this work in a safe, professional manner, but so far, I've not had any solid responses.

Fortunately, this issue does not need urgent attention, since we've learned a more or less acceptable avoidance approach. However, it will need to be addressed at some point, so it deserves to be communicated to the club at large.

RAG Chewing

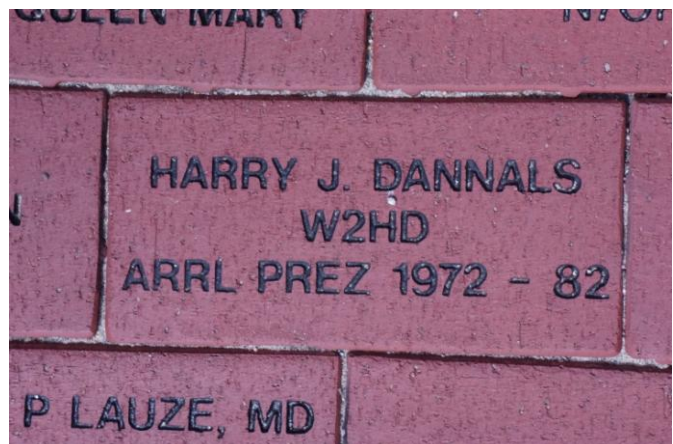
Notes from members to share with the club

Editor's Note: This is a new feature to offer space to members who want to share personal items with their fellow club members.

Vicky Eicher, XYL of Larry K4JZQ, is holding a photo exhibit of some of her work, entitled "Our Amazing World!" at the UVA Hospital, Main Lobby, in the hall near the Information Desk, Gift Shop and Cafeteria. This exhibit is now up until September 5 so if you are in the neighborhood, you are invited to see some of her portfolio. Parking at the UVA Hospital is free on the weekends!



This is one of Vickie's photos that you will find very stimulating to view and serves as a sample of her display.



Look at this! A brick for Harry.



A different view of a familiar building to most amateurs. (Photo by Jim – K4BAV)

Dualing hobbies

Excerpt from The Old Dominion Packard Club Newsletter.



Jim Owen's (K4CGY) 1937 Packard Six Touring Sedan was built late October early November 1936 and delivered to the Clifton Forge Motor Company at 612 Main Street in Clifton Forge, Virginia, Phone 71. My father, James C. Owen, Jr., took delivery in early December 1936. The full delivery cost was \$1,059.00 minus \$309.00 for the trade-in of his 1928 dual ignition Nash for a final cost of \$750.00.

My parents were married December 8, 1938, and went to Jamestown, Virginia for their honeymoon in the Packard. I arrived January 22, 1943, and took my first ride in the Packard from the C&O Hospital in Clifton Forge to my home in Eagle Rock, Virginia, a ride of 16 miles. This Packard has made an indelible mark in my life, and though many don't think that I could possibly remember this far back, the first fall when I was about nine months old we went for a Sunday drive and stopped at a roadside picnic table for lunch. I remember my Dad holding me up close to a tree to look at a colored leaf and I distinctly remember seeing the front of the Packard in the background. Almost everywhere the family went was in the Packard -whether it was to aunts and uncles for Sunday dinner or just out for a drive. When I was about eight years old my Dad put me on his lap and let me steer the Packard.

By the time I turned 14, Dad let me drive the Packard on the back roads, and I learned how to drive in the Packard. In 1959, I believe, we took a trip in the Packard down the Blue Ridge Parkway into Gatlinburg, Tennessee, with only minor problems. As I remember, we lost a couple of spark plugs and had to coast down the mountain to a garage as Dad had not brought any with him. I drove the Packard all through high school and tech school until 1961 at which point I bought a 1954 Oldsmobile Holiday 88. In 1961 after my high school graduation we took a trip in the Packard to Washington DC on to New York City and then through New England to Quebec Canada through south Canada to Niagara Falls and then home to Virginia.

The only problem we had on that trip was a flat tire. Dad continued driving the Packard until 1966 at which point he bought a used 1959 Oldsmobile 88. At this point, the Packard stayed mostly in the garage with the exception of an occasional drive when I came home for a weekend.

As a matter of fact, it was on one of those weekends Mary had her first ride in the Packard much to my mother's chagrin. Mom felt the Packard was too dirty for her future daughter-in-law, but Mary had on a pair of blue jeans and could have cared less. For 41 years it remained very lightly used with a total of about 500 miles on the odometer.

My father died December 7, 2006, and I sold the house in Eagle Rock in 2007 and took the Packard to Kings Restoration in Cloverdale. I had estimated the cost of restoration would be about \$25K. Little did I know! The Packard was finished in January 2010 and since then we have put about 7,000 miles on her with only a few minor problems.

Our first tour was the 2011 Glidden Tour to Cumberland, Maryland. Since then we've taken tours to Williamsburg, Virginia, Mount Airy, North Carolina, Fredericksburg, Virginia, and most recently Bird-in-Hand, Pennsylvania. On the way back from Bird-in-Hand she did have a little bladder problem. Just as we crossed the Virginia line, the water pump started leaking. Now I have to get that problem fixed and pray it didn't cause any other problems. Unfortunately, the Packard didn't make it to Chattanooga, Tennessee for the 2013 Glidden tour. The morning we were to leave the Packard refused to start. After struggling with her for an hour, we decided to go in our 2012 Hyundai Sonata. Upon return, we found that the points on the Packard were not opening properly. We were disappointed that we were not able to go in the Packard but because it was so unbearably hot in Chattanooga we enjoyed the air-conditioned comfort of our modern car.

Since I had the Packard restored for touring I did not insist on a near perfect 100 point show car. I had planned to have White Post Restorations restore the Packard but Billy Thompson told me the cost would be in the neighborhood of \$500,000 +/- \$100,000! He then suggested I take it to Monty King at Kings Restorations which as it turned out was only 20 miles from Eagle Rock.

We look forward to many more tours with the numerous groups to which we belong. However, I don't think I will drive it across country so the plan is to stay east of the Mississippi.

The Field Day View via pictures

Larry Eicher's picture report from field day.



Shooting antennas with a potato gun.



Shoot that so it won't fall down.



Next came setting up the canopy.



Field Day means getting out into the field? – Maybe forest?



It really came together.



The long view from under the canopy.



The lady in red is Wendy from WINA who was the producer who stopped by and then followed up with that early Sunday morning interview with K4DU and K4BAV at that ungodly hour of 6:30AM. She got her 'certificate' for making a real live radio contact on the GOTA station. Each GOTA participant who successfully made contacts got one of these certificates.



The short view.



The finish line of the Miller School Bicycle Race. Our AARC Director of Public Services is on duty there with his back to the camera.



Larry K4JZQ worked the GOTO station to get some Boy Scouts on the air.



The AARC publicity tent set up for the Miller School Bike Race and staffed by Marty W4MBW.

An intercepted email via Andrew Wiley, our public service director

From: Ruth L. Stornetta

Sent: Monday, July 28, 2014 12:50 PM

To: MABRA D20

Cc: All

Subject: Thank you for your participation in the Miller School race!

I want to give a big promoter air hug and many thanks to all the people who helped make the Miller School Road race a success yesterday including all the folks from the Albemarle Amateur Radio Club for excellent communications, the Albemarle County Police for traffic control, the Western Albemarle Rescue Squad, Andy Guptill and the Miller School crew for enlisting volunteers and setting up AND taking down the course, Pete Swan and the awesome podium, the USAC line crew and motor refs and all the course marshals and drivers who gave up their Sunday morning/afternoon to keep the racers safe.

And to all the riders who came and raced- without you we couldn't do it!

Thanks to everyone, it was a great day of racing.

-Ruth Stornetta

Miller School Bike Race Director

Changes to the AARC Awards Program!

By Michael Rein - KA4JJD

In order to make qualifying for AARC awards easier, and recognizing that QSL cards have become rather harder to obtain, the AARC Awards Committee will accept logs of contacts for all awards. Please see below and the descriptions of individual awards for details.

AARC AWARDS - REVISED

The Albemarle Amateur Radio Club has established an Awards Committee to oversee the development and presentation of Club awards. The Committee is particularly interested in awards that recognize and thereby foster operating by new hams, encourage participation in Club activities, and increase the fun of amateur radio. The Board of Directors will approve all awardees proposed by the Committee.

The Awards Committee currently includes Michael KA4JJD, Dave K4DND, Bob K4DU, and Bill AD6JV, but other interested club members are invited to join. Suggestions for additional awards would be much appreciated.

Submissions, opinions and correspondence regarding the Awards Committee should be sent to Michael KA4JJD: mfr6t@virginia.edu, 434-977-4281, 109 Sturbridge Rd,

Charlottesville, VA 22901-2113.

Submissions are logs prepared by the AARC member applying. Submitted documentation consists of the date, time, location, and call sign of the station contacted. Logs may be submitted to the Awards Committee in any format, including .exc, .doc, .ppt, Cabrillo, legible handwriting, or other inventive formats. Logs are on the honor system.

OPERATING AWARDS

Albemarle Amateur Radio Club Central Virginia Repeater Century Award

Purpose: To encourage use of repeaters in Central Virginia

Rules:

1. Only contacts made on repeaters in Central Virginia count for credit. Simplex contacts do not count for this award. Contacts may include those made through linked repeaters or through IRLP.
2. Each QSO counts as two points, but only one contact with each licensed amateur, even if on different repeaters, can be counted for credit.
3. 50 contacts provide the 100 points required for the award.
4. Submitted documentation consists of the date, time, repeater used, and call sign of the station contacted. Logs may be submitted to the Awards Committee in any format, including .exc, .doc, .ppt, Cabrillo, legible handwriting, or other inventive formats. Logs are on the honor system.
5. Contacts made by a Net Control Operator (NCO) for the Monday Night Information Net, The Digital Net, or the Northern Piedmont Emergency Net maybe counted for award credit. An operator signing into a net may count the Net Control Operator once as a contact.
6. The award will be presented at or before the second regular club meeting following submission and approval.

Worked Lotsa States Awards

Purpose: To encourage new HF operators

Rules:

1. HF contacts with 15 of the 50 United States made from one's home station or mobile.
2. Contacts may be made with any mode and on any band.
3. Contacts may be made during contests
4. Submitted documentation consists of the date, time (UTC), frequency, location, and call sign of the stations contacted. Logs may be submitted to the Awards Committee in any format, including .exc, .doc, .ppt, Cabrillo, legible handwriting, or other inventive formats. Logs are on the honor system.
5. The award will be presented at or before the second regular club meeting following submission and approval.

Big 10 Award

Purpose: To encourage new HF operators

Rules:

1. HF contacts with all 10 United States call areas made from one's home station or mobile.
2. Contacts may be made with any mode and on any band.

3. Contacts may be made during contests or with special event stations.
4. Submitted documentation consists of the date, time (UTC), frequency, location, and call sign of the stations contacted. Logs may be submitted to the Awards Committee in any format, including .exc, .doc, .ppt, Cabrillo, legible handwriting, or other inventive formats. Logs are on the honor system.
5. The award will be presented at or before the second regular club meeting following submission and approval.

All American Award

Purpose: To encourage new HF operators and fellowship in the Americas

Rules:

1. HF contacts made from one's home station or mobile with one station outside Virginia in the United States, one station in Canada, one station in Mexico, one station in Central America, and one station in South America.
2. Contacts may be made with any mode and on any band.
3. Contacts may be made during contests or with special event stations.
4. Submitted documentation consists of the date, time (UTC), frequency, location, and call sign of the stations contacted. Logs may be submitted to the Awards Committee in any format, including .exc, .doc, .ppt, Cabrillo, legible handwriting, or other inventive formats. Logs are on the honor system.
5. The award will be presented at or before the second regular club meeting following submission and approval.

Worked All Border States Award

Purpose: To encourage new HF operators and knowledge of geography

Rules:

1. HF contacts made from one's home station or mobile with operators in each of the states bordering Canada, Mexico, the Atlantic and Pacific Oceans, and the Gulf of Mexico
2. Okay, that's: 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
3. Contacts may be made with any mode and on any band.
4. Contacts may be made during contests or with special event stations.
5. Submitted documentation consists of the date, time (UTC), frequency, location, and call sign of the stations contacted. Logs may be submitted to the Awards Committee in any format, including .exc, .doc, .ppt, Cabrillo, legible handwriting, or other inventive formats. Logs are on the honor system.
6. The award will be presented at or before the second regular club meeting following submission and approval.

Worked All Suffixes Award

Purpose: To encourage new HF operators and knowledge of the alphabet

Rules:

1. HF contacts made from one's home station or mobile with operators with suffixes beginning with each letter of the alphabet
2. Okay, that's: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, V, W, X, Y, Z
3. Contacts may be made with any mode, on any band, and to any country.
4. Contacts may be made during contests.
5. Submitted documentation consists of the date, time (UTC), frequency, location, and call sign of the stations contacted. Logs may be submitted to the Awards Committee in any format, including .exc, .doc, .ppt, Cabrillo, legible handwriting, or other inventive formats. Logs are on the honor system.
6. The award will be presented at or before the second regular club meeting following submission and approval.

Worked My Call Award

Purpose: To encourage new HF operators and knowledge of the alphabet

Rules:

1. HF contacts made from one's home station or mobile with an operator with one's own suffix
2. Okay, so for KA4XYZ, that is working a ham with any prefix and from any zone or country, who has the suffix XYZ.
3. Contacts may be made with any mode, on any band, and to any country.
4. Contacts may be made during contests.
5. Submitted documentation consists of the date, time (UTC), frequency, location, and call sign of the station contacted. Logs may be submitted to the Awards Committee in any format, including .exc, .doc, .ppt, Cabrillo, legible handwriting, or other inventive formats. Logs are on the honor system.
6. The award will be presented at or before the second regular club meeting following submission and approval.

Paper Chaser Award

Purpose: To introduce new and older hams to the process of working special event stations.

Rules:

1. HF contacts will be made from one's home station or mobile with operators of 20 special event stations.
2. Contacts may be made with any mode, on any band, and to any country.
3. Submitted documentation consists of the date, time (UTC), frequency, location, and call sign of the stations contacted. Logs may be submitted to the Awards Committee in any format, including .exc, .doc, .ppt, Cabrillo, legible handwriting, or other inventive formats. Logs are on the honor system.
4. The award will be presented at or before the second regular club meeting following submission and approval.

Worked Nearby States Award

Purpose: To encourage new hams and hams with lower power stations and smaller antennas.

Rules:

1. HF contacts made from one's home station or mobile with operators in states bordering on Virginia
2. Okay, that's: MD, DE, NC, TN, KY, WV (special endorsement for DC)
3. Contacts may be made with any mode, on any band.
4. Contacts may be made during contests.
5. Submitted documentation consists of the date, time (UTC), frequency, location, and call sign of the stations contacted. Logs may be submitted to the Awards Committee in any format, including .exc, .doc, .ppt, Cabrillo, legible handwriting, or other inventive formats. Logs are on the honor system.
6. The award will be presented at or before the second regular club meeting following submission and approval.

SERVICE AWARDS AND RECOGNITION

AARC Public Service Participation Certificate

Purpose: To encourage and recognize participation in AARC public service events

Award: The award consists of a certificate presented at the Club's Annual Awards Banquet and recognizes the number of AARC public service activities in which the member has participated during the calendar year. Half-day events count as one, and full-day events count as two. Data are provided by the Director for Public Service and the coordinators of the individual events (currently KK4SHO).

AARC Elmering Award

Purpose: To encourage new members of the AARC and to encourage elmering by more experienced (dare one say "more senior") members.

Award: The award consists of a certificate presented at the Club's Annual Awards Banquet and recognizes help and support provided to another member of the Club. Any member of the Club who has been elmered by another member may nominate potential awardees. The nomination consists of a one page letter or email describing the elmering that has taken place. Elmering may be strictly related to amateur radio, and new hams are particularly encouraged to recognize and provide thanks for such assistance. Elmering may also include assistance with computer-related activities.

AARC Ham of the Year Award

Purpose: To recognize a member of the AARC who, through dedication and hard work, exemplifies the best of what an amateur radio operator should be.

Award: any member of the AARC may nominate the recipient with a letter describing the accomplishments of the nominee. The winner will be selected by joint action of the Awards Committee and the Board of Directors. The award will be presented, to thunderous applause, at the Club's Annual Awards Banquet.

The President's Award

Purpose: To allow the President to provide special recognition to a member of the AARC.

Award: the President presents this award only when he or she feels that a member of the Club deserves such special recognition. The award will be presented, to thunderous applause, at the Club's Annual Awards Banquet.

Life Membership

Purpose: To recognize individuals who have, over time,

demonstrated a continuing high level of dedication to the Club and to amateur radio.

Award: Life Membership can be conferred upon a Full Member who has rendered notable service to the Club or Amateur Radio and has been a continuous Full Member for a minimum of eight years or has a total of ten years as a Full or Associate Member. A Life Member shall be entitled to all of the privileges of a Full Member, and shall be exempt from paying dues. Any member proposing another Member for Life membership shall submit the name of the person and the justification for such membership in writing to a member of the Board. The Board shall review the application to assure that the person meets the qualifications for such membership, and, if determined to be appropriate, submit the application at the next regular Club meeting. An affirmative vote by a three-quarters majority of those present is required for acceptance.

Buy + Sale + Swap

NEW ITEMS & MOST RECENT LISTINGS as of 7/28/2014 == for older items, go to ALBEMARLERADIO.ORG/SWAPFEST

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FOR SALE posted 6/11/2014

Yaesu FT-2900R with 2 year warranty. \$200.00

Yaesu FP-1023A \$140.00

ADMS-2900 \$30.00

NIFTY-FT2900 \$15.00

Will consider Best (serious) offer

Mike Richardson

KJ4MFN

richam60@hotmail.com

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FOR Sale: posted 5/22/2014

New never used OCFdipole.com model OCF1 off center fed dipole, covers 80-6 meters, is similar to the Array Solutions antenna, antenna is rated for 3 KW. New price is \$275 but will sell for \$150. Tnx. Ed, N3US

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WANTED: posted 5/16/14

Stranded copper antenna wire 12-14G preferred; need app 135 feet for multiband doublet.

Carter, WD4AYS, celliott14@aol.com ,566 8767.

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FOR SALE - posted 3/31/2014

Hammarlund SP-600 receiver

- National NC 109 receiver

- Hickok 800A tube tester

- Knight R-100A receiver

- Old QST magazines- free

Carter, WD4AYS, celliott14@aol.com, 434 566-8767

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FOR SALE revised 5/3/2014

Sell: New 200 feet solid braided polyester rope, 3/16 diameter 800 pound strength, perfect for wire antennas. \$30. Maco 10 meter Ground Plane antenna. Works quite well on ten meters and also on 17 and 15 meters with a tuner.

Assembles in five minutes. \$65.
Ed, N3US, Earlysville. new club member
email is eberkowitz@sbcglobal.net;
tel 434 975 9001

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FOR SALE - AARC benefit updated 5/16/2014
contact Jim Owen, K4CGY at k4cgy@yahoo.com
HP 5326B counter, good to 93Mhz. works ok. \$50
HP 5245L w/5253 50-500 MHz freq converter. prescaller
may be bad.
basic unit works ok to 55MHz \$25
KLM 70CM satellite transceiver that works but needs some
TLC \$20
Fluke DMM 8600A (doesn't work - make offer. may just be a
shorted battery)

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FOR SALE - AARC benefit updated 6/14/2014
contact Ron Richey, K4RKA at wb4rbw@embarqmail.com
Clough-Brengle 282A sweep audio generator \$30
Heathkit HD-1416B Code Oscillator \$10
Yaesu FT-227 "Memorizer" 2m FM transceiver \$20
RCA transistorized TVM model WV-500A \$20

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FOR SALE posted 9/21/2013
Icom micro 2AT w/tone, box, charger, 2 DEAD battery
packs, 12 VDC power module.
works well on 12VDC supply. 2 meters only. \$25
contact ron, k4rka at WB4RBW@EMBARQMAIL.COM

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Greetings Hamsters, revised 4/9/14
Last Call
Ten Tec 253 Automatic Antenna Coupler.
All money goes to the wife of Dan James, who is at King
Daughters Nursing Home in Staunton.
73, Greg W4GRC grcljc@comcast.net or w4grc@yahoo.com

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The Beacon

The Beacon is the official newsletter of the Albemarle Amateur Radio Club, Inc. It will strive to communicate with, enlighten, and entertain the members of the club in strict compliance with the official word of the club as set forth in the Articles of Incorporation and Bylaws. The newsletter shall be published monthly on or before the 1st day of the month of issue. The deadline for submissions shall be the 25th of the month preceding the month of publication. The primary role of the publication shall be to promote upcoming activities, report past activities and accomplishments of the club and its members, carry the minutes of the preceding month's meetings, as well as, become a recorded history of the club by the archival of all past issues.

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The End