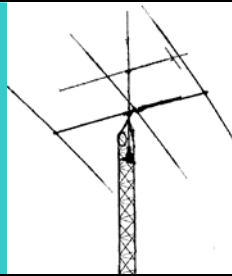


The AARC Beacon



**Serving radio enthusiasts
and communities in
Central Virginia –
The Radio Club for
Central Virginia**

Volume 2009, No. 7



July 2009

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Meeting Notice

The next AARC meeting will be held on **July 14 at 7:30 PM at the NRAO Building on the UVA Grounds. The program will be a forum on Directed Net Operations.** Sounds interesting – see you there!

The President's Letter

Dave, K4DND

Greetings all. Now that Field Day is over (but not everything is yet put away) we can take a breather. June was a very busy month for the AARC. First, the **MS-150 Tour de Vine** on the weekend of June 12-14 occupied 20 club members who contributed approximately 360 person hours to the support of over 400 tour cyclists. I want to thank each and every one of you for your participation and contribution. It has been a long time in AARC Public Service since we had such participation that didn't involve phone calls and arm twisting; none of that was required this year. Everyone stepped forward, volunteered to help and performed amazingly, despite confusion over the complicated course layout, course marking fuzziness and rest stop location and renumbering. It was all new this year, from the Start/Finish through every detail in between, so we all faced challenges doing the job and doing it well. The MS folks were very pleased with our efforts, and look for us again next year. An interesting aside to this year's operation was that all mobile stations were equipped with APRS transmitters, and for the first time SAG movements were coordinated based on APRS data.

Then after a 2 week rest we were back in business with **ARRL Field Day**, held once again at the Earlysville Fire Station. **I want to thank Bill N0WP and Jim K4CGY for heading up our FD operation.** Great job guys! Thanks to Don N4UVA, for being the interface between the AARC and the Earlysville Volunteer Fire Department. A special thanks to EVFD President John Sweeney and all the rest of the men and women of that station for being such gracious hosts.

I have to confess that I was a bit skeptical of the location since many of the trees that had been used in the past were

gone. But things worked out just fine. We were able to get our 160M Windom oriented N-S close to where we have had it in the past, and use that antenna for the digital station. Jim K4CGY got dipoles for 80M, 40M and 20M hung in trees at the bottom of the parking lot for our other two stations. Thanks to George AA4D for the loan of the 6KW generator that operated those two lower stations. Dinner Saturday evening was great. **John KI4DJT did a masterful job on the grill as always** and the side dish contributions were superb.

We had a good turnout of club and non-club members. There never was a large accumulation of people, but a steady turnover of participants and guests throughout the weekend, with at least 5 visitors interested in getting licensed. Based on best guess recollection and after conferring with the FD Co-Chairs, I put the AARC member attendance at 37, with 17 visitors (6 of whom are licensed but not club members, 5 of whom expressed interest in getting licensed). Sounds to me like it is time to get a VE session on the calendar.

The club operation was a good mixture of modes, but limited in bands worked. Most activity was on 20, 40 and 80M. We were able to work 71 sections; we missed a few out west as well as some of the Canadian sections, but not from a lack of trying. Those sections missed this year were: from "4" land, Virgin Islands, from "6", East Bay, from "7", Eastern Washington, from "0", North and South Dakota, and from Canada, Newfoundland, British Columbia, Northwest Territories, and Manitoba. Not bad. Kudos to Alan K9MBO for working W1AW on 40M phone.

We made about 275 CW contacts (thanks to Bob W4RQ, Dennis WR4I, Roger W4EI and Alan K9MBO), **106 Digital contacts** (thanks to Bill NOWP) and **506 phone contacts** for a **total of 887 contacts** for the FD period. 37 contacts were made on 15M, 389 contacts on 20M, 322 on 40M and 139 on 80M. For a further breakdown:

	CW	DIG	PH
15M	37	0	0
20M	87	105	197
40M	111	0	211
80M	40	1	98

I don't have the final submitted score yet, but with bonus points the AARC should make a very respectable showing.

What can we do to improve FD for next year? This is the time for you to get your suggestions submitted in writing to the AARC. I can think of a couple of things right off the top. We should provide drinks for the dinner; thank you, I have been beaten enough over that one. Next year, we should have a GOTA station. I realized this is too late and I take full responsibility for it. We had many club members and visitors who were not able to sit in front of a radio, spin the dial and listen, as well as have the opportunity to transmit. That is what the GOTA station is intended to provide, and next year we will do that.

But despite small deficits in our plan, it was a great weekend, well attended and I thank each and every one of you who made it happen, from set up to take down, it was a great pleasure to work with you all. So don't wait, if you have suggestions that can make our FD more enjoyable next year, now is the time to get them into your AARC leadership.

Thanks again AARC for your support and participation, have a fun, safe and enjoyable 4th of July, and see you at the July club meeting on the 14th.

73 de K4DND

Veep Peeps

Jim, K4JEC

What's new this month has to include the **addition of the Photo Gallery to the club website by Kenneth (KJ4KIH)**. If you go to <http://www.albemarleradio.org> and from the home page look to the list at the right and down near the bottom you will find the link to the Photo Gallery. Click on that and you will be looking at the various albums located there. If you have pictures you would like to submit to be posted to the Photo Gallery you can email them to: jecrosby@comcast.net.

The **2009 Edition of the Member Directory** was introduced at the last meeting and will be available at the July meeting as well. While you are at the meeting be sure to pick up your copy.

I still have **club ID Badges** that have not been picked up. They will be available at the meeting as well.

It looks like we are going to have a great Field Day and I will miss it because I have to be out of town on those exact dates.

The program last month seemed to be received well according to the follow-up comments. **The program this month will feature a forum on Directed Net Operations**. We will review the ARES Guidelines for conducting a Directed Net and discuss "best practices." The program is titled "Communications – The Essence of Human Relationships." It is expected to run about 45 minutes + or – depending on the discussions but will be kept to 60 minutes at the most.

Reach out and grab a friend – fellow ham or someone you can interest in ham radio – and twist their arm ever so slightly to encourage them to attend the meeting with you -- the more we have present, the better the fellowship!

Estate Committee Update

Linda, KI5LLB

Fund Raiser Information. Computer woes are over, new computer fixes problem. Now (at last and for the last time) **I need you T-shirt size, the call sign you want on the shirt and the number of shirts you want to order.**

I am ordering them from a different place because **several people want V-neck and pocket. If you are in that group please let me know. The shirts will be bright blue and have AARC over you call sign.** I won't know the price until I know how many shirts I will be ordering. The more I order the lower the price. **They will be below \$20 and maybe below \$15 if we place a large order.** Please get back to me by the 20th of July. I will order that afternoon.

Some of you wanted jackets and hats as well. The best price right now is at WearGuard at www.ShopAramark.com. They are having a really good sale and will do the monogramming or screen printing as well. They have t-shirts with pockets, but I don't think they have V-necks. You can send them the logo as well. Their phone # is 1-800-388-3300. Jacket #SED-414 is the one some of us are ordering. The hat # is SED-918. They also have safety vest and T-shirts.

Estate Committee Information. We are going to have an auction at the August picnic. I promise some interesting bargain boxes and some nice things as well. There will, also, be some bargains. So come ready to do a little shopping. Please remember why we are doing this.

Club Business

Submitted by: Alan Swinger K9MBQ, Secretary

AARC Board Minutes – June 9, 2009

Dave Damon (Pres) opened the meeting with the purpose to agree on required actions and to agree on the General Meeting agenda. The BoD was held at the NRAO building on Tuesday, 9 June 2009. BoD members present: Dave - K4DND (Pres), Jim – K4JEC (VP), Alan – K9MBQ (Secy), Don (Treas) – N4UVA, Patsy -K4PMC (Dir), Linda – KI5LLB (Dir) and Greg – N4PGS (Dir).

Key discussion items were as follows:

- The treasurer's report presented by Don (N4UVA) indicates that the club is solvent with a current balance of \$4810.71 in the bank. The BoD approved a motion to be taken to the General Meeting for the expenditure of \$250 for Picnic food (Burgers/dogs) and drinks.
- The secretary reported 1 new membership application received from Mark Gorlinsky (WA1A), including a \$100 repeater fund donation.
- Jim (K4JEC) noted that he had an update report ready on the By-Laws committee progress for the General Meeting.
- Dave (K4DND) mentioned the following:
 - Membership up to 107.
 - Upcoming events to be discussed at the General Meeting:
 - June 13-14 Tour de Vine - need more volunteers for Sunday.

- **June 27-28 Field Day;** BSA Camporee group is the planning committee – Co Chairs are Jim (K4CGY) and Bill (N0WP)
 - Need volunteers – sign up ASAP (Co-Chair action)
 - Resolve w/ Fire Station if we will set up inside or in the parking lot – Action: Don – N4UVA
 - Need station layout and another site visit – Co Chairs.
 - Resolve if AARC buys dinner for operators on Sat evening.
 - Note that times on flyer are for public visiting; station will operate for 24hrs.
 - Alan (K9MBQ) will call-in to WINA Plug-Away Monday on 22 June to advertise FD; Jeffrey (N4LFJ) doing a call-in w/ Rob Schilling on 25 June.
 - Kenneth (KJ4KIH) has agreed to do AARC Web Page work.
- **Committee Reports:**
 - **Activities** – Vacant; Dave announced the activities noted above.
 - **Education** – Dennis: absent; his By-Laws inventory suggestions to be considered by the committee.
 - **Fund Raising** – Linda: report ready and orders ready to be taken for emblematic items.
 - **Technical** – Greg: Thanks to Gordon (ww4GW) for repair of the 76 repeater. Will discuss committee's view of Tim's (KG4HOT) proposal with him.
 - **Publications** – Patsy: 35 more club patches available.
 - **Estate** – Linda: proposed and BoD agreed to hold an auction of estate equipment in hand at the August picnic; also, since AARC 501c3 status confirmed, equipment donations need to be encouraged.
- **Old Business** – None
- **New Business** – By Laws Committee report and Field Day discussion for the General Meeting

There being no further business, the meeting adjourned.

Alan Swinger – K9MBQ, Secretary

Regular Meeting – June 9, 2009

The June 2009 AARC monthly meeting was convened at 7:30PM by Dave Damon (K4DND), club President at the NRAO building in Charlottesville, VA. All members' present made brief introductions, and three life members were present – Harry (W2HD), Joe (W2PVY) and Bud (KB4JN1). Membership now numbers 107.

The General meeting commenced as follows:

- The minutes of the May 2009 meeting were approved as they appear in the June 2009 issue of

the Beacon with the correction of the repeater call sign shown therein.

- Treasurer's report: Don (N4UVA) indicates that the club is solvent with a current balance of \$4810.71 in the bank. The BoD approved motion was also approved by the General Meeting for the expenditure of \$250 for food and drinks for the picnic.
- Two new members were approved – Mark (WA1A) and Dale (KD4EAP) – Welcome!

➤ **VP Report:**

- **The Club meeting in August will be the annual picnic – 11 Aug – in McIntyre Park.** AARC will provide the main course and drinks (up to \$250), while attendees are asked to bring a covered dish – more on what and by whom at the July meeting.
- Note that the Field Day times in the flyers are for public visiting – the station will be on for 24 hrs starting on Sat afternoon – 27 Jun.
- Club directories have been printed and are available.

➤ Dave (K4DND) mentioned the following:

- Membership up to 107.
- Upcoming events to be discussed at the General Meeting:
- June 13-14 Tour de Vine - need more volunteers for Sunday.
- **June 27-28 Field Day;** BSA Camporee group is the planning committee – Co Chairs are Jim (K4CGY) and Bill (N0WP)
 - Need volunteers – sign up ASAP (Co-Chair action)
 - Resolve w/ Fire Station if we will set up inside or in the parking lot – Action: Don – N4UVA
 - Need station layout and another site visit – Co Chairs.
 - Resolve if AARC buys dinner for operators on Sat evening.
 - Note that times on flyer are for public visiting; station will operate for 24hrs.
 - Alan (K9MBQ) will call-in to WINA Plug-Away Monday on 22 June to advertise FD; Jeffrey (N4LFJ) doing a call-in w/ Rob Schilling on 25 June.
 - Kenneth (KJ4KIH) has agreed to do AARC Web Page work.
- Jeffrey (N4LFJ) has resigned as our Public Affairs Coordinator due to other commitments.

➤ **Committee Reports:**

- **Activities** – Vacant; Dave announced the activities noted above.
- **Education** – Dennis: absent; his By-Laws inventory suggestions to be considered by the committee.
- **Fund Raising** – Linda: report ready and orders ready to be taken for emblematic items.

- **Technical** – Greg: Thanks to Gordon (ww4GW) for repair of the 76 repeater. Will discuss committee's view of Tim's (KG4HOT) proposal with him.
- **Publications** – Patsy: 35 more club patches available.
- **Estate** – Linda: proposed and BoD agreed to hold an auction of estate equipment in hand at the August picnic; also, since AARC 501c3 status confirmed, equipment donations need to be encouraged.

➤ **Old Business** – None

➤ **New Business** –

- Jim reported progress of the By-Laws committee and that a draft change is being worked. The committee will present a full report at the July meeting

There being no further business the meeting adjourned.

The post-meeting presentation was made by Jim (K4JEC) on Knot Tying and applicability to Ham Radio

(and new boat owners that can't tie a bowline). It was a very thorough and practical presentation. . . Thanks Jim!

Alan Swinger – K9MBQ, Secretary

For Sale and Wanted...

Tnx Ron, K4RKA

Please notify K4RKA when an item has been sold or pulled from availability and can be deleted from this list.

Scanners for Sale -- 2 Uniden 760 \$50.00 Each. 1 Radio Shack 95 Portable \$100.00. 1 Bearcat 240xlt 40 channel \$25.00. 1 UHF-VHF Radio Shack 16 channel \$25.00. 1 Bearcat 240XL 20 channel 20.00. 1 Bearcat 200 16 channel \$15.00. 1 Uniden 100xlt 100 channel 50.00. 1 Pro 2051 Radio Shack Desktop 1000 channel \$150.00. Thanks, Jerome, K14DLA

Old tube console radios. Philco 620F (1937) - \$ 50. Call Carter Elliott, WD4AYS at 434 566 8767 or via email at celliott14@aol.com

MFJ-4103 Power Supply for FT-817. New, never used in original packaging. Call Bob W4RQ at (434) 990-2659 (home), (434) 980-7143 (office) or via email at w4rq@yahoo.com.

Coleman Series 54 Generator; 4KW 120V/240V. Briggs & Stratton 8HP engine model 190432. Very clean and mounted on cart. Purchased about 1985 and used very little. Has new carburetor, plug, air filter, fuel lines, fuel filter & fuel cutoff valve. However I can't get it started. Has compression, fuel and I believe good spark. Maybe new carburetor just needs adjustment. I'm tired of pulling the rope! And anyway it won't run my heat pump. \$199.00 Jim K4CGY 434-296-3044

Radio and Electronic Test Equipment - FOR SALE

All equipment is in good working condition, but not guaranteed John Green, KX4P. **SAMPLE LIST:**

- 1 ALD-22 Aerovox, Decade Inductor, 0 to 0.1 Hy - No manual -- \$10
- 1 ALD-32 Aerovox, Decade Inductor, 0 to 1.0 Hy - No manual \$10
- 1 ALD-42 Aerovox, Decade Inductor, 0 to 10 Hy - No manual \$10
- 1 10W-1000 Amplifier Research, Wideband Amplifier, 1 to 1000 MHz, 10 Watt - Yes manual - \$150
- 1 1309 AT&T Home Telephone Answering Machine Yes manual \$2

MANY MORE ITEMS - TO SEE COMPLETE LIST PLEASE GO TO

<http://www.albemarle-radio.org/members/swapfest.shtml>

WANTED: I'm looking for a **2m mobile radio, preferably small** (comparable in size to modern mobile rigs). **Can be commercial VHF as long as it can tune down to 144.39 MHz.** Contact Mike Benonis KI4RIX.



Jim K4CGY helps set up the dipole antennas for HF station number 1

ARRL Field Day in Pictures

Photos tnx to Bill Arnold, K4IB; Dave, K4DND; Vic, N3DFS



Dave K4DND keeps a close eye on things, ensuring everything is running smoothly

This is our HF tent, Properly adorned by our AARC banner.

L to R: Bill K4IB, Vic N3DFS, Bill AD6JV, Joe W2PVY, Gordon WW4GW, Jim K4CGY



Some operating and some kibitzing at the HF tent



Gordon WW4GW and Jim K4CGY working for phone QSO's on 20



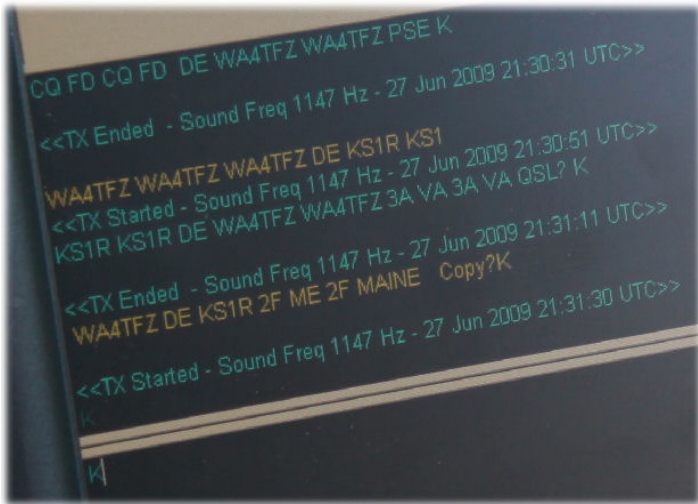
Going for the home stretch near the end of Field Day!!
Frontline operating Crew: Alan K9MBQ, Dennis WR41,
Gordon WW4GW, Jim K4CGY. In background: Bob K4DU,
Stan K2SSB and Mark WA1A



A view of the digital station- generator tent in background



Bill. N0WP chasing contacts on the digital station in
PSK31 mode, with Dave, K4DND logging



Here is a screen view of an actual digital QSO!! We called KS1R, who returned our call. It is a QSO, but seen entirely on a computer screen!!



Gordon WW4GW and George AA4D take a welcome chow break from operating



Its chow time on a nice cool evening!!



John, KI4DJT is our chef par excellence – he is taking a well-deserved break from preparing our epicurean feast!!



While everyone else is chowing down, Josh KG4NGV keeps things rolling on the phone station all by himself!!



Bob W4RQ belts out the first round of CW QSO's, with the able logging aid of George, AA4D



AARC is truly a beacon in the night. As operations continue into the wee hours...



Roger, W4EI working those rare multipliers in the wee hours with logging aid by Kenneth, KJ4KIH



Linda KI5LLB and Bill, N0WP burn the midnight oil to keep the digital station going



Alan K9MBQ and Dennis WR4I really going for the gold Sunday morning for those valuable CW contacts!!



The Sunday morning crowd hard at Work!! Operating table: Alan K9MBQ, Dennis WR4I, Gordon WW4GW, Jim K4CGY. In background: Bob K4DU, Stan K2SSB, Mar WA1A, Wes K4WLE Jim K4BAV



Of course, Field day is also a great time to chat with old friends. Harry W2HD and Gordon WW4GW are having a good eyeball QSO



Still trying to squeak out some more digital contacts. Linda KI5LLB, Bill N0WP, Wes K4WLE, Kenneth KJ4KIH



A panoramic view of our FD site. As you can see, it was a great day to be outside!



More operating action...!! With L to R: Clay W4LNT, Nancy KD4LSU, George AA4D, Bob W4RQ, Harry W2HD, Gordon WW4GW, Jerome KI4DLA, Jim K4CGY



Gordon WW4GW and Jim K4CGY man the phone station, cheered on by the official AARC cheerleading squad!!

Contest Highlights - Upcoming

Bob, W4RQ

ARRL-Sponsored Contests

June 13-15	ARRL June VHF QSO Party
June 20	Kids Day
June 27-28	ARRL Field Day

Complete info, rules and log forms for these events can be found online at the ARRL Contest Calendar webpage.

Other Contests of Interest

June 20-21	All Asian DX Contest
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The [SM3CER Contest Service - Contest Calendars](#) has info and rules for these contests and just about every contest that exists.

73, Bob W4RQ

AARC Public Service Schedule

June 13 – 14	MS 150 Tour de Vine
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Area Hamfests

August 2 Berryville	<p>59th Annual Berryville Hamfest Sponsor: Shenandoah Valley Amateur Radio Club Location: Clarke County Ruritan Fairgrounds; Business Route 7</p> <p>http://www.svarc.us/hamfest Talk-In: 146.820 -</p> <p>Contact: Laura Stewart, N4LLS c/o SVARC PO Box 139 Winchester, VA 22604 Phone: 540-533-2626 Fax: 540-869-7067 Email: hamfest@svarc.us</p>
September 12-13 Virginia Beach	<p>THE VIRGINIA SECTION CONVENTION and VIRGINIA BEACH HAMFEST will be held SEPT. 12 and 13 At Virginia Wesleyan College, 1584 Wesleyan Drive in Virginia Beach. The web site is at virginiabeachhamfest.com .</p> <p>Talk-In: 146.970</p> <p>Contact: Carl Clements, W4CAC 4500 Wake Forest Road Portsmouth, VA 23703 Phone: 757-484-0569 Fax: 757-673-7426 Email: w4cac@arrl.org</p> <p>Special guest speaker is BERNIE MCCLENNY, W3UR, who writes the HOW'S DX column in QST. He will be at the DX Forum and also at the DX Banquet Saturday evening --- 6:30 PM on at the Upton Buffet, 1050 N. Military Hwy, Norfolk, VA. For reservations and more info contact Charlie Chapman, w1wtg, at 757-681-4190 or w1wtg@arrl.net .</p>

FCC Database Updates

New Calls	
None Reported	
Upgrades	
None Reported	
Vanity Calls	
None Reported	

VE Session Schedule - 2009

Date	For exam sessions in Virginia outside the AARC area, check the ARRL Exam Session Search web page.
Location	
(ARRL VEC)	

For Sale Items

For Sale	
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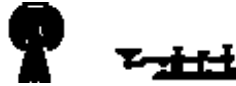
AARC Club Officers

President	Dave Damon	K4DND	k4dnd@arrl.net (434) 973-5866
Vice President	Jim Crosby	K4JEC	jecrosby@comcast.net (434) 987-2006
Secretary	Alan Swinger	K9MBQ	awswinger@earthlink.net (434) 975-6237
Treasurer	Don Eason	N4UVA	deason@comcast.net (434) 973-9119
Director	Dennis Mennerich	K4THE	k4the@arrl.net (434) 973-5407
Director	Linda Beard	K15LLB	lindaskyone@earthlink.net (434) 823-2107
Director	Greg Faust	N4PGS	n4pgs@arrl.net (434) 978-1962
Director	Vacant		
Director	Patsy Crosby	K4PMC	patsycrosby@comcast.net † (434) 989-2362

Contest Calendars

ARRL Contest Calendar 2009	ARRL sponsored contests
SM3CER Contest Service - Calendar 2009	Contests all over the world! Also has links to online rules for most contests
Contesting Online	Just about everything contests!

Albemarle Amateur Radio Club
P.O. Box 6833
Charlottesville, VA 22906
<http://www.albemarleradio.org/>



THE AARC BEACON
Vol 2009 No. 7
July 2009



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ISSUE DEADLINE - 25th of each month

Contact Information
Daniel R. (Bob) Dorsey, Jr. W4RQ
PO Box 530
Ruckersville, VA 22968-0530
(434) 990-2659
W4RQ@yahoo.com

Next Club Meeting : July 14 - 7:30 PM NRAO Bldg - UVA Campus

CLUB MEETINGS and NETS

REGULAR Meeting: Second Tuesday of each month at 7:30 PM
BOARD & TECHNICAL Meetings: Prior to regular meeting at 6:30 PM
Meetings are held at the NRAO building on Edgemont Road.
LUNCHEON: Wednesdays -- Area hams gather at the **Wood Grill Buffet** on Rte 29 North from 11 AM – 1 PM
Monday Night Information Net – Each Monday at 7:00 PM
Northern Piedmont Emergency Net: Each Thursday at 8:00 PM
All Nets are held on the 146.760 repeater

AREA REPEATERS

146.760 (-) 151.4 Hz Tone **WA4TFZ**
146.925 (-) 151.4 Hz Tone **WA4TFZ**
224.760 (-) No Tone **WA4TFZ**
444.250 (+) 151.4 Hz Tone **WA4TFZ**
Other Area Repeaters
444.775 (+) 151.4 Hz Tone **KF4UCI**
442.075 (+) 151.4 Hz Tone **KF4UCI**
145.17 (-) 151.4 Hz Tone **W4FCO** (Fluvanna)
146.79 (-) 110.9 Hz Tone **WW4GW** (Buckingham)
145.450 (-) 151.4 Hz Tone **K4DND** (Martha Jefferson Hospital)
224.600 (-) 151.4 Hz Tone **KG4HOT**

AARC CALENDAR OF EVENTS

DATE	EVENT
July 14	Regular Club Meeting
August 11	Annual Club Picnic
September 8	Regular Club Meeting
October 13	Regular Club Meeting
November 10	Regular Club Meeting
December 8	Regular Club Meeting

AARC - PUBLIC SERVICE SCHEDULE

DATE	EVENT
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Membership application available in PDF format at http://www.albemarleradio.org/members/AARC_member_application.pdf