The AARC Beacon
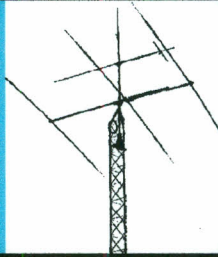
Amateur Radio News For Charlottesville and Albemarle County, Virginia

Inside this Issue

Meeting Notice

The next regular AARC meeting will be held on **Tuesday, August 12 at 6:00 PM** at the **McIntire Park, Shelter 1. This is the annual AARC Picnic and 2nd Annual tailgate hamfest**. McIntire Park is located on Rte. 250 East near McIntire Road. The program is just come on out and have fun!!

See you there!!

The President Speaks

Steve, KF4ZGD

Well folks, it's August! Time for the annual AARC Picnic and Hamfest. I hope to see all of you there! Mark your calendar for Tuesday, August 12, at 6:00 P.M. Location is McIntire Park Shelter #1. The club will provide hamburgers, hot dogs, soft drinks, etc., and those attending are invited to bring a side dish and/or desert. The picnic has always been one of the most interesting and best-attended AARC meetings, and the club encourages everyone to come. XYL's, family, and friends are more than welcome!

At the end of this month, we'll be doing something we've never done before - having a **station at the Albemarle County Fair. Dates for this year's fair are August 26-31st**. This will be an effort to enhance community's awareness of Amateur Radio, and to encourage those interested to become licensed. Bob Pattison is heading up this effort, but we'll need lots and lots of help. This is your chance to do something positive for Amateur Radio locally. You don't have to come out every day and help, but we do need *YOU* to come by and man the operation for an evening, or part of one. We need *YOU* to listen on the air and provide contacts for those interested. We need *YOU* to pass the traffic generated at the fair on to the NTS via one of the Virginia traffic nets. We need volunteers to assist by providing the materials necessary for this to be a successful operation - radios, coax, antenna, fliers, displays, NTS forms, etc. This will be a successful operation, but only with YOUR

support. Don't sit back and watch...get involved! You will enjoy yourself, I promise.

OK, enough pep talk, here are the details. We need to set up the booth the day before the fair starts. We also need people to man the booth each night, as well as during the day on Saturday and Sunday. **Volunteers will have free admission to the fair,** so that's another great reason to come help. I'm really looking forward to this wonderful opportunity to showcase Amateur Radio to the community, and I hope you are too! **Further information on the particulars of the operation can be obtained from Bob K4DU**.

73 for this month, and I'll be seeing all of you at the picnic, as well as later this month at the Fair.

73 -- Steve Traylor, KF4ZGD

Veep Peeps

Pete, W4PRT

Greetings! As you read this month's column the Field Day 2003 results should be in the hands of the folks at ARRL. The summary of this year's effort is posted later in this issue.

Again, I'd like to thank everyone for all their efforts with this year's Field Day. It was outstanding and I am very proud of the job that we did.

Remember, this months meeting is the **Second Annual AARC Hamfest and Picnic extravaganza**! The Hamfest/Picnic will take place **at McIntire Park, at Shelter #1 at 6:00pm on August 12, 2003**.

The club will be providing Hamburgers and Hot Dogs and Sodas. We ask that you bring along a side dish or dessert with you.

Along with that, you can also bring anything that you have to swap, sell, or give away for the Second Annual AARC Hamfest. Last year there were some interesting items. I'm sure that there will be more this year.

So, if you know anyone that hasn't been to a meeting in a while, remind them of this month's meeting at McIntire and bring them along. I'm sure that we'll all have a grand time.

In addition, here are the **upcoming presentations that we have at the next Club Meeting**. **September** is going to be a presentation by the Albemarle Police Department about the MobileWatch and Neighborhood Watch programs.

73, Pete

K4UVT Has New Call - W4RQ

Bob, W4RQ (Formerly K4UVT)

Well, I finally broke down and applied for a Vanity call. After at least 5 years of watching calls that were coming available, this looked like a good one. My requirements were simple – it had to work well on CW and should play well in the DX pileups and contests, as those are my favorite pursuits in the amateur radio operating venue. W4RQ appeared to fit those needs nicely.

So when this call became available on July 7, I filed an online vanity application for it. As it turned out, five other hams applied for it too!! In such a case, the FCC does a random selection among the applications to determine who wins it. Somehow, I got lucky and won the draw and the new call is effective as of July 25, 2003.

As a result of my new call, I am shuffling email accounts around a bit. Since I am your Beacon editor, I request that you update your email address books to use the address W4RQ@yahoo.com for me when sending in articles for the Beacon or for any other ham radio related email. The old K4UVT email account at Yahoo will be gradually phased out. That account is getting spammed to death anyway, so this will be a fresh start.

I've had a chance to try out the new call on the air on HF working DX and a little bit of contesting. Thus far, the new call seems to be playing quite nicely, thank you! However, having held the K4UVT callsign for 43 years now, I must admit it may take a little getting used to signing the new call. I'll have to be careful not to sign my old call just from force of habit!!

CU on the bands!!

73 ------ Bob

Albemarle County Fair - 2003

Bob, K4DU

The Albemarle Amateur Radio Club has obtained a 10x10 booth with power at the Albemarle County Fair. The fair attracts 30,000 people a year. The 2003 Albemarle County Fair's theme is "Sweet Home Albemarle". **The show runs from August 26th to August 31st**. The Fair grounds are just off of US 29 nine miles south of the 29 I-64 interchange. This is a tremendous opportunity to showcase Amateur Radio for our friends and neighbors.

The centerpiece of our plan is to have a station in the booth with VHF and HF capability and to use this station to pass traffic. Fair-goers will be encouraged to send a Radiogram to family and friends. We will also use the

booth to disseminate information about the hobby and promote our fall licensing classes.

The club banner will be prominently displayed. We will have the latest ARRL video running continuously and there will be handouts about the hobby, the club and the licensing classes. N4FWA has volunteered a HF antenna. I will provide a VHF-UHF antenna. We need rigs, power supplies and operators.

We will need to staff the station and have the booth set up at least an hour before opening. **Concession and exhibit hours are**:

Tuesday August 26th	4:00 PM to 9:00 PM
Wednesday August 27th	4:00 PM to 9:00 PM
Thursday August 28th	4:00 PM to 9:00 PM
Friday August 29th	4:00 PM to 10:00 PM
Saturday August 30th	10:00 AM to 10:00 PM
Sunday August 31st	1:00 PM to 6:00 PM

With two people in the booth at all times this will permit is to have one person operating and the other talking to the fair goers answering questions and taking traffic. **The plan is to divide the schedule up in three or four hour shifts**. To sign up to operate and commit equipment send an e-mail to k4du@arrl.net, catch me on the 146.76 repeater or call me at 434-985-4828.

So sign up to staff the booth and come to the fair. Everyone will have a great time!

Club Business

AARC Board Minutes   July 8, 2003
Board Members Present: Steve KF4ZGD, Pete W4PRT, Ralph K4CFE, Marty AG4DN, Steve KD4HBX, Howard KG4TWQ, Bob K4DU. Members Absent: John KX4P.

Steve KF4ZGD opened the meeting at 6:35 PM

Committee Reports followed.

Ralph K4CFE - Finance: The finance report for the FYTD June 30, 2003 indicated Total revenues of $2,627.01. Expenses indicated $387.64 with excess revenues at $2,239.37. Balances indicate AARC General Fund $4,956.68; Repeater Fund $1082.68; Packet Radio Fund 78.51; with a total of $6118.87. Ralph indicated that club insurance should be coming due this month in the neighborhood of $500. Marty indicated he had the bill and presented it to

Ralph for payment. (Complete copy of Income Statement available upon request to Club secretary.)

Bob K4DU - Membership: Individual letter inviting ex-club members and members who have not been participating in club activities were sent out inviting the group to attend Field Day. This was successful and did bring out numerous individuals.

Dave K4DND - Techincal: Steve KF4ZGD reported for Dave. The tone filters required for the 76 Repeater are no longer available. This is not an issue on the 925 Repeater. Overall the fact that these filters are no loner available has not degraded measurably the effectiveness of the Repeaters. The 220 repeater still presents a weak signal problem. The 440 Repeater will be relocated to the Marshall Manor site.

Steve KD4HBX - Refreshments: The total expenses for refreshments at Field came to $110. The Board approved up to $200 for refreshments for the Annual Picnic and Tail gate Hamfest in August without comment.

Pete W4PRT - Activities: A Field Day report will be coming out shortly. All were very pleased with the efforts and Pete indicated great appreciation for the efforts of the membership in making Field Day a success.

Ben KG4QVP - Publications: No report since Ben was out of town.

With committee reports completed Steve turned to the discussion of club participation in the Albermarle County Fair in August and September. Marty indicated that the $1 million insurance coverage required to set up a booth would cost the club an additional $50 over the current premium since we had an insurance policy already in effect. After discussion it was agreed to bring the matter before the membership at the General Meeting to follow. Pete indicated he would poll the membership as to how many were interested in obtaining Field Day T-shirts.

Steve addressed the necessity to name a new Club Trustee. Dave K4DND was discussed as being most qualified. No other names were submitted for consideration. Steve indicated he would bring the matter to a vote before the General Membership meeting.

There being no further business before the Board, Steve closed the Board meeting at 7:10 PM.

Submitted by Marty AG4DN, Secy.

Regular Meeting   July 8, 2003
Steve KF4ZGD opened the meeting at 7:30 PM. He called for the introduction of members and guests and welcomed all.

Steve called for the approval of the June, Club Minutes as they appeared in the July issue of the Beacon. The minutes were approved with one correction. The Board Minutes for June 10, 2003, had an incorrect call sign for Steve. KD4ZGD

was listed rather than KF4ZGD in one location. The correction was made with no comment.

Marty AG4DN informed the membership that there were five individuals applying for membership:

Jon Getaell	KD4CQY General
Louis Jay Rostow	KI4AZV Tech
Michael Lowry Jr.	KI4AZY General
Mario Gubo	T95LWG Class (Bosnia)
Dennis N. Mennerich	KI4BFM Tech

A motion was made to accept these individuals for membership, second and approved with no comment.

Dave K4DND introduced the guest speaker for the meeting, Carl Clements W4CAC, Section Manager ARRL for Virginia. He presented his background in amateur radio and a brief history of his advancement in the hobby. He stated clearly that one of his key objectives as Section Manager was to get out into the field and meet with as many clubs as he could and get to know the people that make up the hobby. He then covered the functions of Section Manager, the ARRL national organization down to the local level. He presented the various activities of the Field Organization such as Pubic Information, Official Observer, National Traffic Management, examinations, Official Relay Stations, Official Emergency Stations, Technical Coordination, Official Observer and lobbying at the national and state level to protect the interests of amateur radio. He also noted the ARRL Web Site as a source of valuable information on all aspects of the hobby. There followed a question and answer period. During this session he clearly made the point that he has always felt the primary function of a Section Manager was liaison to local organizations. When questioned about the difficulties in Richmond over which organization should have State recognition, he stated that many of the personalities involved in the dispute will have to be gone prior to any reconciliation. He did note that the Virginia EOC is now staffed by the Richmond Amateur Radio Club. There is no current Memorandum of Understanding between any state or national organization and The Virginia Department of Emergency Services. Carl was thanked warmly for his visit and departed with the thanks of the membership.

Committee Reports followed:

Ralph K4CFE - Finance: See Board Minutes July 8, 2003

Pete W4PRT - Programs: On **August 14, 2003**, in place of the regular club meeting, the Annual AARC Picnic and Tailgate Hamfest will take place rain or shine at McIntire Park Shelter 1 at 6:00 PM. The program for the September meeting will be Neighborhood Watch. The programs for October, November and December are still pending.

Bob K4DU - Membership: See Board Minutes July 8, 2003

Education: Steve indicated that there will be a Fall Tech Class. More information will be forthcoming at the September meeting. He also indicated that there is a desire to hold a General Class session in the fall as well. He indicated an instructor was needed. He stated a notice would be placed in the Beacon for General Class instructors.

Dave K4DND - Technical: See Board Minutes July 8, 2003

Steve KD4HBX - Refreshments: $200 approved for picnic refreshment by the Board. Steve was thanked by the membership for a job well done at Field Day.

Pete W4PRT - Programs: Steve presented Pete with an AARC Certificate of Appreciation for the fine job he did organizing and carrying out Field Day activities.

Old Business:

Steve presented the situation and problems if the club should desire to have a booth at the Albemarle County Fair. Marty indicated that the club insurance carrier only required $50 additional to cover the required $1 million liability insurance needed to set up a booth. Rick indicated his research into setting up a booth as well. After some discussion the membership voted to have a booth. Bob K4DU volunteered to be the project officer.

Steve noted another item of old business; did the club desire to obtain additional power poles for resale? The membership indicated by show of hands, yes. He would follow up. Pete requested those that desired Field Day T-shirts give him their name so he has an accurate count for ordering.

New Business:

Steve noted that Morris Jones had resigned as a Trustee for AARC and that a new Trustee needed to be named. He noted the action of the Board in nominating Dave K4DND to fill the vacancy. A motion was made and second to name Dave as an AARC Trustee. Dave was approved by the membership with no discussion.

Ernie W2EIU was placed in nomination to be AARC Public Information Officer. The motion was second and approved with no discussion.

There followed a raffle for a number of door prizes with proceeds going to the AARC.

There being no further business a motion was made to close the meeting. The motion was second and approved with no discussion. The meeting closed at 8:50 PM.

Submitted by Marty Mait AG4DN, Secy.

ARRL Board Requests Policy Recommendations to Implement WRC-03 Results

ARRL Bulletin ARLB050

The ARRL Board of Directors has called on ARRL Chief Executive Officer David Sumner, K1ZZ, General Counsel Chris Imlay, W3KD, and the ARRL Executive Committee to develop ARRL policy recommendations for an FCC filing to implement the results of World Radiocommunication Conference 2003 (WRC-03). ARRL President Jim Haynie, W5JBP, chaired the July 18-19 Board session in Windsor, Connecticut.

"The League, as the Amateur Radio representative in the United States, will, through its democratic process, review input from its members as to the impact and implementation of these results to the Part 97 rules," a Board resolution declared. A report on the policy recommendations is due next January. The Board expressed gratitude to the IARU and ARRL WRC-03 team for its "tireless and dedicated efforts in promoting Amateur Radio" and congratulated it for achieving the IARU's goals at the month-long international conference, which wrapped up in Geneva July 4.

Delegates to WRC-03 reached a compromise on a 200-kHz worldwide allocation--7000 to 7200 kHz--effective in 2009, with no change to the existing 300-kHz allocation in the US or elsewhere in Region 2. The conference also eliminated the requirement that amateur applicants prove Morse code proficiency to operate below 30 MHz, leaving it up to individual administrations to retain or drop Morse as an exam element. WRC-03 decisions also resulted in changes affecting international third-party traffic, guidelines for standards of competence of amateur licensees, and recognition of the licenses of visiting amateurs.

The Board also implemented some recommendations of the wide-ranging Final Report of the Volunteer Resources Committee to the ARRL Board of Directors--an Evaluation of the ARRL's Field Organization. The committee, chaired by ARRL Midwest Division Director Wade Walstrom, W0EJ, concluded that the state of the ARRL Field Organization is "fair," but not sufficient to meet the League's obligation to provide emergency communications, especially at the national level.

In light of the report, the Board called for a comprehensive system to enhance the communications capabilities of the Amateur Radio Emergency Service (ARES). There are situations, the Board said--especially given the League's new Citizen Corps partnership with the Department of Homeland Security--when ARES "must have the capability to pass traffic across the nation quickly and accurately."

The Board also called on all 71 Section Emergency Coordinators to develop, implement and maintain a comprehensive Section Emergency Plan by year's end. Additionally, the Board asked Sumner to formally establish leadership training courses as a part of routine Section Manager orientation.

In response to the so-called "Minute 56" report initiated at last July's meeting, the Board voted to initiate a process to revise ARRL band plans for amateur allocations between 902 MHz and 24.25 GHz. "New band plans will be developed using as a goal the full amateur deployment of each band," the Board said. The Board voted unanimously to authorize President Haynie--with assistance from Imlay and Technical Relations Manager Paul Rinaldo, W4RI, "to explore specific terms of expanded partnering plans with the National Public Safety Telecommunications Council (NPSTC). Such cooperation could involve greater integration of amateur operation in the bands from 902 MHz to 24.25 GHz in public safety and homeland security communications."

Citing the Amateur Radio tradition of Elmering (mentoring) new and prospective amateurs, the Board okayed a resolution instructing the VRC to develop two or more viable options for an ARRL Volunteer Mentor program that would provide for "the promotion, support and growth of mentoring in Amateur Radio." The VRC is to present its options at the Board's January meeting.

Additional details are on the ARRL Web site. The minutes of the July ARRL Board of Directors meeting will be posted on the ARRL Web site as soon as they are available.

Contest Highlights This Month

Bob, K4UVT

ARRL-Sponsored Contests

August 2-3   ARRL UHF Contest

Complete info, rules and log forms for these events can be obtained online at the ARRL Contest Calendar - 2003 webpage.

Other Contests of Interest

Aug 9-10	**Worked All Europe DX Contest**
Aug 23-24	**Ohio QSO Party**
Aug 30-31	**Hawaii QSO Party**

The SM3CER Contest Service - Contest Calendars has info and rules for just about every contest that exists.

73, Bob W4RQ

AARC Field Day 2003 Summary

Pete, W4PRT

Field Day Call Used	WA4TFZ
GOTA Station Call	W4YRA
Club or Group Name	Albemarle Amateur Radio Club
Number of Participants	45
Number of transmitters used simultaneously	**2**
Entry Class	**A - Club or non-club portable**
Power sources used	**Battery**
ARRL / RAC Section	VA
Total CW QSO's = 72 (X2)	**144 points**
Total Digital QSO's = 0 (X2)	**0 points**
Total Phone QSO's = 600 (X1)	**600 points**
Total QSO Points	**744**
Power Multiplier: 150 watts or less (X2)	**2**
Claimed Score	**1488**
Bonus points claimed	**2X 100% Emergency power**
	Information Booth
	X NTS message to ARRL SM/SEC
	W1AW Field Day Message
	Formal NTS messages handled (#)
	X Satellite QSO completed
	Natural Power QSO's Completed
	X Site Visited by invited officials
	GOTA maximum QSO's achieved
	X Non-Traditional mode: APRS
Total Bonus Points Claimed	800
Callsigns of all operators and number of QSO's completed of the GOTA Station	KG4QWR, KF4ZGD, KG4QVP, KG4OVD, KF4NOR, JOSH (NO LICENSE)

Breakdown by Band and Mode

Band	CW QSO	Power	Digital QSO	Power	Phone QSO	Power
160	0	150	0	150	18	150
80	0	150	0	150	228	150
40	50	150	0	150	275	150
20	17	150	0	150	34	150
15	5	150	0	150	6	150
10	0	150	0	150	0	150
6	0	150	0	150	0	150
2	0	150	0	150	0	150
1.25	0	150	0	150	0	150
70	0	150	0	150	0	150
33	0	150	0	150	0	150
23	0	150	0	150	0	150
GOTA	0	150	0	150	39	150
Totals	**72**		**0**		**600**	

AARC Public Service Schedule

Saturday August 2	Mountain Mama Bike Tour, Monterey VA. A heavy-duty bike tour through mountains of Virginia and West Virginia. About 100 miles with more than 10,000 feet of climbing. All in one day.
August ??	Triathlon, Walnut Creek Park
Saturday Sept. 20	911 Drill
Saturday November 1	Montpelier Horse Races

Area Hamfests

Winchester Hamfest and Computer Show **August 3** **Berryville, VA**	Sponsor :Shenandoah Valley ARC http://www.Vvalley.com/svarc/hamfest Contact: Irv Barb, W4DHU 2549 Senseny Road Berryville, VA 22611 Phone: 540-955-1745 Email: ibarb@visuallink.com

FCC Database Updates

New Calls	
W4RQ	Bob Dorsey (formerly K4UVT) - Vanity
Upgrades	
None Reported	

VE Session Schedule - 2003

August 9 **Richmond** **(ARRL/VEC)**	Sponsor: RICHMOND ARC/RAVE Time: 9:00 AM (Walk-ins allowed) Contact: PATRICK WILSON (804)932-9424 Email: W4PW@ARRL.NET http://WWW.W4PW.ORG (To Register) Location: J Sargeant Reynolds Comm. College 1651 E PARHAM RD-BLDG B RICHMOND, VA 23228.
Date **Location** **(ARRL VEC)**	For other exam sessions in Virginia outside the AARC area, check the ARRL Exam Session Search web page.

AARC Club Officers

President	Steven Traylor	KF4ZGD	kf4zgd@juno.com 434-296-7418
Vice President	Pete Thorsen	W4PRT	w4prt@arrl.net 434-842-1014
Secretary	Marty Mait	AG4DN	mandlm8@aol.com 434-589-2825
Treasurer	Ralph Traylor	K4CFE	rwt6t@virginia.edu 434-296-7418
Director	Bob Pattison	K4DU	rep4@aol.com 434-985-4828
Director	Will Seay	KJ4XZ	434-823-5665
Director	John Green	KX4P	jgreen@comdial.com 434-975-4493
Director	Howard Gay	KG4TWQ	kg4fyf@earthlink.net 540-456-6445
Director	Steve Clements	KD4HBX	

Contest Calendars

ARRL Contest Calendar 2003	ARRL sponsored contests
SM3CER Contest Service - Calendar 2003	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.people.virginia.edu/~ejd4e/aarc/index.htm

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ISSUE DEADLINE - 23rd of each month

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

Next Club Meeting :	**August 12 - 6:00 PM**	**McIntire Park Shelter 1**

CLUB MEETINGS and NETS

REGULAR Meeting: Second Tuesday of each month at 7:30 PM

BOARD & TECHNICAL Meetings: First Tuesday of each month at 7:30 PM

Meetings are held at the UVA Astronomy building at 530 McCormick 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

Youth Net: Each Wednesday at 7:30 PM on 147.075

Northern Piedmont Emergency Net / Swap Net / Technical Session: Each Thursday at 8:00 PM

All Nets are held on the 146.760 repeater (except for the Youth Net)

AREA REPEATERS

WA4TFZ

INPUT/OUTPUT	**Tone Access (If needed)**
146.160/146.760	151.4 Hz
146.325/146.925	151.4 Hz
223.160/224.760	No Tone
449.250/444.250	151.4 Hz (If enabled)
145.030	MACHO Node
145.030	CHO Packet Bulletin Board

Other Area Repeaters

145.410 (-)   100 Hz Tone (if enabled) -- **AF4CY (Madison)**

442.075 (+) 151.4 Hz Tone -- **KF4UCI**

AARC CALENDAR OF EVENTS

DATE	EVENT
August 12	**Annual Club Picnic**
September 9	Regular Club Meeting
October 14	Regular Club Meeting
November 11	Regular Club Meeting
December 9	Regular Club Meeting

AARC - PUBLIC SERVICE SCHEDULE

DATE	EVENT
August 2	Mountain Mama Bike Tour, Monterey
November 1	Montpelier Horse Races

Please sign up at meetings when the SIGN UP CLIPBOARD is passed around. You can also send an email to Greg (N4PGS) indicating your interest in working particular events.