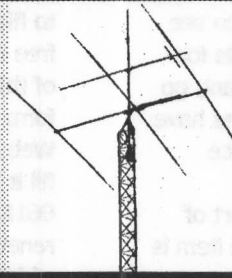


The AARC Beacon



*Amateur Radio News For
Charlottesville and
Albemarle County,
Virginia*

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Meeting Notice

The next regular AARC meeting will be held on May 14 at 7:30 PM at the NRAO building at UVA. The program will be a presentation by Dave, K4DND on the Digital modes.

See you there!!

VEC Exam Session - June 8

The AARC VEC Team will conduct an FCC license test session on Saturday, June 8 at 9:00 AM. The exam location will be the National Radio Astronomy Observatory auditorium on the UVA campus. Walk-ins are welcome. Testing for all amateur license levels will be given. Contact is Harry, W2HD.

Check the nets for further info or any changes in schedule.

The President Speaks

Bob, K4DU

Ah May! The flowers are in bloom and it is the season for hamfests and antenna work. The Dayton Hamvention takes place May 17, 18th and 19th. This three-day event is really something. If you have never been to the Hamvention, you really owe yourself an opportunity to go. For many it is a pilgrimage. It's a chance to see what's new, participate in forums about any aspect of the hobby from Amateur TV to Youth in Amateur Radio. It is also a chance to catch up with old friends and snag a bargain in the world's largest ham radio flea market. The Hamvention usually draws about 25,000 attendees. There are more than 700 commercial exhibits inside the arena and the flea market has over 4000 exhibit spaces. There are 40 forums that take place inside Hara arena. A word of advice for first time attendees: understand you simply cannot see everything even if you attend for all three days. Get a copy of the program when you go in the gate and take a few minutes to plan your time. Decide which forums you want to attend and note their

times. Locate the commercial exhibits that you want to see on the map provided in the programs. One special rule for flea market novices: If you see something that you want, go ahead and make an offer. All of the flea market spaces have numbers painted on the pavement, so finding the space again is not a problem. Just remember this is a well-attended hamfest. If you plan on walking away as part of your negotiating strategy, don't be disappointed if the item is no longer there when you return.

I usually take the trek to Dayton with friends, but this year I will stay home. Virginia and I celebrate our 25th wedding anniversary on May 20th, which incidentally is also Jason's 20th birthday. Discretion is the better part of valor and a well-rounded ham get the opportunity to hamfest another day.

Today, as I was motoring up I-81 returning from a business trip I happen to hear a public service announcement (PSA) about amateur radio during the Rush Limbaugh program. I called the ARRL to request copies of the PSA and anything that they have suitable for TV. Hopefully we will soon be treated to PSA's about amateur radio here as well. I am convinced that the key to growing our great hobby is to make a concerted effort to promote amateur radio.

It is a good time to get out and do some old fashioned antenna work. Try something new and check on the condition of your feedlines and grounding system. Don't assume that because it has been up for years that it still works as well as it did the day you installed it. Coax ages and performance will deteriorate over time. You can detect this if you make regular measurements and keep records. A visual inspection is recommended as well.

I am pleased to report that Dave Damon will be our guest speaker at the May meeting. The topic will be Digital Modes. Please join us for this valuable session.

73, Bob

Veep Peeps

Josh, KG4NGV

No VP column available at press time

ARRL Processing of Member License Renewals

From: The ARRL Letter, Vol 21, No 1, courtesy of Joe, KD4RWX

ARRL members daunted by the FCC's Universal Licensing System <<http://wireless.fcc.gov/uls>> can ask Headquarters

to file their license renewal or change-of-address applications free of charge. ARRL members wishing to take advantage of this service should download Form NCVEC 605 (that's the form used by volunteer exam coordinators) from the ARRL Web site <<http://www.arrl.org/fcc/ncvec605c.pdf>>, print it, fill it in and mail it to ARRL VEC, 225 Main St, Newington CT 06111. The response of those wanting ARRL to process renewals has been very positive. For the first three months of 2002, ARRL handled 1721 applications for members—up from 514 for the same period in 2001. The ARRL VEC staff now can process any member's FCC license application request, except for a vanity call sign application. *Remember:* renewal applications may only be filed within 90 days of your license expiration date.

AARC and ARES/RACES

Dave, K4DND

Since the last time I wrote about ARES/RACES there have been some changes in District 03. Greg Faust (N4PGS) is now DEC (District Emergency Coordinator) for District 03 and I (K4DND) am now EC (Emergency Coordinator) for Charlottesville/Albemarle County.

Since we are reestablishing our participation with ARRL ARES/RACES, everyone needs to be registered with the EC for your local jurisdiction. If you live in Greene County, that is Jerry Bortner (KE4NHP), in Fluvanna County contact Marty Mait (AG4DN) or for Louisa County, F.I. Luck (AF4DU). You will find a registration form in this issue of the Beacon. You can either use this form, or enter the information requested in this form and email to your local EC. Let's see if we can get this local registration business taken care of as soon as possible. To aid in this registration, I will have more forms with me at the next club meeting.

You might well be asking, "What about the internet registration that we all did before?" The answer is that registration is still good, but it is for VA RACES, Inc. a totally separate organization. In that organization, I continue to serve as DERO (District Emergency Radio Officer). Since the Virginia Department of Emergency Management is unwilling to untangle the mess in Virginia by signing an MOU with one group or the other, we will have to continue to cooperate with two distinct organizational structures.

What does the existence of two separate organizations mean to you, the ARES/RACES volunteer? Nothing really, this all has to do with organizational structure above and beyond our local area. With the exception of the occasional annoyance of things like this need to reregister locally, you shouldn't ever have to worry any more about it. We go on supporting our local Emergency Management structure, and our local client agencies just like always. They could care less whether we show up representing one organization or the other.

What's coming up in the near future? I do know, and by the time you read this, should have more information about a Commonwealth-wide emergency exercise that is scheduled for June 1. Since many of us are already committed to helping out with the MS150 Bike Tour on the 1st and 2nd of June, that exercise is going to have to be supported by those of you who are not involved with the tour. I will pass on details as I receive them, and we should have plenty of time to work out how we are going to participate in this exercise.

I hope to see you all at the next AARC meeting, we are going to be demonstrating HF digital modes and should have a fun time if I can get all the pieces and parts aligned correctly. If you have been wondering about the new modes that people are talking about like PSK31, MFSK, or the older modes like RTTY or Hellschreiber, be sure to make the next club meeting and check them out.

73, Dave

Club Business

AARC Board Minutes April 2, 2002

Members Present: Bob K4DU, President; Marty AG4DN, Secretary; Ralph K4CFE, Treasurer; Pete W4PRT, Director; Will KJ4XZ, Director; John KX4P, Director; Steve KF4ZGD, Director; Steve K4CFE, Director. Members Absent: Josh KG4NGV, VP.

The Board meeting opened at 7:00 PM.

Bob notified the Board that David, K4DND will be liaison to ARRL. The emphasis will be to have AARC reinstated as a Special Services Club. We will have to determine which of our members have ARRL membership. Marty will contact Joe Fritz and determine if our list is up to date.

Will, KJ4XZ discussed the sale of the equipment donated by Sperry Marine. The club has received in excess of \$750 from this equipment. Additional items will be made available at the next General Club meeting.

Ralph, K4CFE submitted the attached financial report for the period ending March 31, 2002. It was again noted that membership is down and for normal operations of the club membership will have to increase. This year the sale of the surplus equipment has postponed a financial crunch.

AARC Income Statements – FY 2001 and FYTD 31 March 2002

	2001	2002
Revenues		
Dues	\$1,762.00	\$1,290.00
Donations	\$67.00	\$30.00
Fundraising		\$246.00
Total Revenues	\$1,829.00	\$1,566.00
Expenses		
Publications	\$650.86	\$115.52
Activities	\$212.21	(\$43.00)
Meetings	\$122.65	
Office	\$26.29	\$38.00
Fees	\$45.00	
Repairs	\$308.47	
Insurance	\$316.00	
Support		\$150.00
Total Expenses	\$1,681.48	\$260.52
Excess Revenues	\$147.52	\$1,305.48
Balances		
AARC Fund		\$2,285.93
Repeater Fund		\$1,062.68
Packet Radio		\$78.51
		\$3,427.12

The next item addressed by the Board was the need to provide recognition and thanks to individuals and organizations that assist the club activities. The three items of importance are "Membership", "Recognition" and "Public Service." As part of this effort Bob will write a letter to NRAO thanking them for use of their facility for General Club Meetings.

Steve, KF4ZGD is currently working with the Boy Scouts and other youth groups with the objective of having intensive radio classes this summer. Once dates and times are agreed upon, individuals in the club will be asked to volunteer as instructors. A general discussion followed covering methods of placing the activities of the AARC before the public.

For the General Meeting on April 9, Pete and Bob will discuss Field Day activities. The membership will constitute a "Committee of the Whole" as ideas and input are exchanged with the objective of determining the activities the club will undertake in June.

The 7K Controller for the Martha Jefferson Repeater was noted. Bob will follow up.

There being no further business the meeting adjourned at 8:00 PM.

Marty, AG4DN, Secretary

Regular Meeting April 9, 2002

Bob, K4DU President opened the meeting at 7:32 P.M.

As is the custom at all general membership meetings, introductions of those present was begun. Bob indicated that he desired each member, in addition to name and call, indicate if they were a VE. He indicated he had the manual used for certification and urged members of the club to become certified.

The meeting now turned to organizing for this year's Field Day, 22-23 June. Ron K4RKA, presented photographs of the 1964 Field Day. Others commented as well regarding past Field Days.

Bob turned the membership into a "Committee of the Whole" for discussion of the goals and objectives of Field Day. Among goals noted were having fun, eating, display showing Amateur Radio's role in public service, training and improving skills for the membership were just of a few items mentioned.

The next item covered was the possible location for this year's event. After much discussion the membership voted to have the FD Chairman Pete, W4PRT, contact the Earlysville Fire Department for the use of their area. Pete was then authorized to make final arrangements with the Earlysville FD for use of this location. It was further decided that the club would have two operating positions at one location.

The logistical and administrative needs for the site were then discussed to include power sources, computer needs, copy of Amateur Radio License, table and chairs, lighting, need for set up and tear down teams, etc. Bob indicated he would follow up and get commitments for staffing these activities. This closed discussion of Field Day.

Dave K4DND reported on the support the club gave the MS Walk in Charlottesville on 6 April. He thanked those that participated in making the event quite successful.

Greg N4PGS covered the coming MS 150 scheduled for 1-2 June. He indicated there would be a need for substantial membership support for this event. This year the MS 150 will start in Charlottesville on the first day, terminate in Farmville and return to Charlottesville on day two. Volunteers are needed for day one, day two and both days.

Tom W4RAE reported on the training classes now in session for Tech and General grades. Each class has two candidates.

Ron K4RKA indicated that the sale of additional surplus equipment contributed by Sperry Marine was going well.

Joe KD4RWX raised the possibility of setting up a club table as a PR event on the 17 August for a police/rescue meeting.

The minutes of the February and March 2002 General AARC meetings were approved.

The membership expressed its gratitude to Harry W2HD for many years of his contribution of articles for the Beacon and expressed regret that he planned to discontinue this practice.

Rick KO4WQ noted that the club had not reserved Shelter #2 for the club picnic on 13 August. Bob said he would contact the Treasurer for the \$50 check required and make the reservation.

Dave K4DND was appointed a club liaison to ARRL.

A raffle was held for surplus equipment netting \$30 for the club.

With no further business a motion was made to adjourn at 9:10 PM. The motion was seconded and approved.

Marty, AG4DN, Secretary

AARC Classified Ads

All items must be related to amateur radio and must be surplus to the owners operation (i.e. no dealers or for profit). Price may be listed if desired. **Note:** Check also the WA4TFZ/AARC web page at <http://www.people.virginia.edu/~ejd4e/aarc/>. Please note that all small letters must be used for this address. New Ads may be placed directly to the Editor: 804 990-2659 or via E-mail to the Editor at k4uvt@yahoo.com Please **let K4RKA know when items can be deleted from this file.** Updated 4/5/2002.

2/28/02 WANTED: 50 Ft Tower	Mike, K4MMR, is looking for same. Call 977-6377 or email to drd@2020.com
3/14/02 GIVEAWAY: Motorola Radios	Two Motorola 800 MHz radios - free to the first caller. Call Josh, KG4NGV at 434 760-0417
3/21/02 WANTED: Signal Generator	Joe, W2PVY, is looking for a solid state HF signal generator, small and stable. Call Joe at 434 589-1495
4/3/02 WANTED: 6M All Mode Rig	Jamie, KA3NXN, is looking for a 6 meter all mode rig. Call him at 434 979-7750
4/11/02 WANTED: Headset	Josh, KG4NGV, wants headset (VOX or regular) to use with Icom, etc. HT or a recommendation. Call 434 760-0417
4/11/02 FOR SALE: Various HF Stuff	Wayne Grill, N4YGE from Winchester would like to sell a Kenwood TS940S, Kenwood TL922 amplifier, 3 sections of tower, A3 beam, Yaesu rotor, Heil headset, Kantronics TNC, etc.
4/3/02 FOR SALE: Various Items from KG4QWR/Madison Saturday Night Net	Heathkit 220 Linear Amp - Call Ken, KC4TJY at 540-972-1727 HTX-202 -Email KG4RQA, at kg4rqa@yahoo.com Realistic Pro-2006 - Email to doofusgoofus@yahoo.com Uniden-BC8500XLT - Email to hummer4x4guy@hotmail.com WANTED ITEMS: 6 Meter rig, Taylor, KG4RQA - email kg4rqa@yahoo.com

FCC Database Updates

New Calls	
None reported	
Upgrades	
None reported	

VE Session Schedule - 2002

May 17 Warrenton (ARRL VEC) Warrenton Training Center	Time: 1:30 PM (No walk-ins allowed) Contact: Larry G. Banks (703) 302-9003 Email: KIMSARK@AOL.COM Location: Warrenton Training Ctr B-47 Bear Wallow Rd Warrenton, VA 20186
June 2 Manassas (ARRL VEC) Ole Virginia Hams ARC	Time: 8:00 AM (Walk-ins allowed) Contact: William M. Hinely (703) 754-7913 Email: RDOGHSE@GTE.NET Location: Bennett Elementary School 8800 Old Dominion Dr. Manassas, VA 20110
June 8 Charlottesville (ARRL VEC) Albemarle ARC	Time: 9:00 AM (Walk-ins allowed) Contact: Harry Dannals (434) 974-7388 Location: National Radio Astronomy Observatory Auditorium on University of Virginia Campus Charlottesville, VA 22902

Area Hamfests

June 2 Manassas, VA	Sponsor: Ole Virginia Hams ARC Web site: http://www.qsl.net/olevahams Contact: Jack McDermott, N4YIC 7977 Deward Court, Manassas, VA 20109-3120. Phone: 703-335-9139 Fax: 703-330-7987 Email: n4yic@arrrl.net
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Birthdays This Month

May 16	KE4AQD	Robert

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

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KA4JJD G 2002

CURRENT MEMBER: 2002

Michael F. Rein
109 Sturbridge Rd.
Charlottesville VA 22901

***** Next Club Meeting *** May 14 - 7:30 PM UVA - NRAO**

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 National Radio Astronomy Observatory (NRAO) building on Edgemont Road (UVA)
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
YL Net: First Monday of each month at 8:30 PM
Northern Piedmont Emergency Net / Swap Net / Technical Session: Each Thursday at 8:00 PM
All Nets are held on the 146.760 repeater

AREA REPEATERS

WA4TFZ
INPUT/OUTPUT **Tone Access (if needed)**
146.160/146.760 151.4 Hz
146.325/146.925 88.5 Hz (if enabled)
223.160/224.760 No Tone
449.250/444.250 151.4 Hz (if enabled)
145.030 MACHO Node
145.030 CHO 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
May 14	Regular Club Meeting
June 11	Regular Club Meeting
July 9	Regular Club Meeting
August 13	Regular Club Meeting
September 10	Regular Club Meeting
October 8	Regular Club Meeting

AARC - PUBLIC SERVICE SCHEDULE

DATE	EVENT
June 1-2	MS 150

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.