



THE RICHMOND HAM

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June 2023

THE RICHMOND AMATEUR RADIO CLUB RARC Meeting in person!

Our monthly meeting is on Friday June 9th, 2023, 7:00PM, at the Bon Air United Methodist Church, 1645 Buford Road.

This month's meeting will be in-person and also on Zoom on an experimental basis to work out any problems. If all goes well, next month's meeting will be back to a hybrid in-person/Zoom meeting.

<https://us02web.zoom.us/j/88518058584>

This Month's Program:

June Program: This month's presentation will be Darrell Basinger, WW4F's, experience with building a 500 watt LDMOS amplifier. Details about the amplifier can be found at:

<https://hobbypcb.com/products/hardrock-500-power-amplifier-support-kit>.

Richmond Amateur Radio Club Meeting Minutes

May 12th 2023

The regular meeting of the Richmond Amateur Radio Club was called to order at 19:00 on May 12th 2023 by President Rick Waller, (KA4OHM) Members Present: In-person at the Church

Last month's Minutes – Approved unanimously.

Treasurer's Report

1) Ken Leidner, (WV0L) gave the Treasurer's Report. We had an ending balance of \$21,109.04. The Report was approved unanimously by voice vote.

2) 3 new membership applications : PJ Calhoun (KO4RMV) Technician; Phil Snider (KI4EEE) General ; Kenneth W Viar JR (KU4SMC) Extra – Approved unanimously.

3) Jim, (W4PKP) Reported on Monument Ave 10K. Sports Backers was very pleased with our group and wants us to help with the Richmond Marathon in September.

4) Field Day: RARC will be participating with RATS at Laurel Park.

5) RARC sponsored the "High Single Operator Novice/Tech/Rookie" Plaque for VA SO Party. The plaque was awarded to Matthew Barthel (KO4WYX)

6) 2 Silent Keys: Ralph Fetty (W4FEG) and Steve Whitson, KN4WNU

7) Win Grant has our new repeaters and they will be installed soon.

8) Bruce, (W4BRU) reviewed the newest radio from HF Signals

Tonight's presentation is "A complete Homebuilt 500 Watt

Station Part 2" by Darrell Basinger, WW4F Adjournment at 20:56.

The next general meeting: June 9th, 2022 at 19:00.

Respectfully submitted by
David Robinson, KJ4LHP

From The Prez

Greetings RARC members. We will be experimenting with zoom at the upcoming meeting so we can work out the bugs. Also mark your calendar, Field Day is June 24 & 25th.
73, Rick, Ka4ohm

RARC VE News

We have two different groups that provide testing. One is free, but only offers testing sessions on the second Saturday of odd months except June (Field Day) replaces July. **The next session will be on Saturday JUNE 24th 2023 at Laurel Park 10301 Hungary Spring Rd Glen Allen, VA 23060**

The other one cost \$15.00, but offers testing sessions on the 1st Saturday of every month.

THE RICHMOND HAM June 2023

RARC offers Free VE Testing Sessions on the second Saturday of odd months except June (Field Day) replaces July. Currently all testing starts at 10:00 AM and is at: Chesterfield Library Bon Air Branch 9103 Rattlesnake Rd North Chesterfield, VA 23235.

Pre-registration Required. Walk-ins Accepted. Pre-Registration required for Techs and for special needs applicants. Anyone taking the Tech exam needs a FRN from the FCC (Google obtaining a FCC FRN) and bring that info to the session. If you have questions about a session, please see our website, www.rarclub.net or contact Allan, WA3J, at 804-399-8724, or ve@rarclub.net

KC4TS Cats Vet (Cats Volunteer Examination Team) offers VE Testing Sessions that cost \$15.00 on the 1st Saturday of every month. Currently all testing starts at 10:00 AM and is at: Gospel Light Church 2109 Anderson Hey Powhatan VA. Check-in is between 10am and 12pm and we stay as long as needed to finish all the exams. Walk-in candidates are welcome! You just need a valid ID, an individual FCC FRN, and the testing fee of \$15 which goes directly to the ARRL (cash or check made payable to "ARRL VEC"). We can provide pencils and a very simple calculator or you can bring your own. See http://kc4ts.org/ for more information.

Club Info...

RARC meets on the second Friday of each month at 7:00 PM, at the Bon Air United Methodist Church, 1645 Buford Road.

We offer 10-week license prep classes in September and March with exams following. Members provide VE testing sessions on odd-months during the year.

Join the Richmond Amateur Radio Club.

You don't have to have a ham license, just have a genuine interest in the hobby.

Annual Dues are:

80 and over \$0

Regular Membership \$22.00

Lots of information about the Club and our activities is available on our website, www.rarclub.net.

Nets

RARC has the first and only D-STAR digital repeater in the area: 147.255 (+ 600), 443.7125 (+ 5) and 1284.0000 (-20). In addition to our Wednesday local D Star net (below), we link Module C (VHF) to REF 062A for the National Capital Region D Star Net on Wednesday nights at 9pm. On Tuesday nights at 9pm, we link Module C (VHF) to REF 054C for the North Carolina D Star Net.

The RARC D Star Net meets on Wednesday nights at 8:00pm and is accessible on our three D Star

modules, all of which will be linked together via REF 062D. So if you are in RF range of the repeater, you can join the net on any of the three RF modules and be heard by everyone.

If you participate in the net via DVAP, DV Dongle or a Hotspot (such as Pi Star), you should link your device to REF 062D rather than to any of our modules which will allow you to be heard by everyone.

Any questions, contact Win - W4WIN at wingrant@gmail.com

Sunday	7:00 pm	50.135	USB
	7:30 pm	52.525	FM
Wednesday	7:00 pm	28.475	USB
	8:00 pm	147.255	D-Star Rptr
	8:15 pm	145.730	Packe

MRA

Interested in information or support of the Metropolitan Repeater Association (MRA)?

The sole business of the MRA is to own, operate and maintain the 145.430 repeater. For information please visit our website at

<https://sites.google.com/view/kg4mra/>.

Show and Tell!

If you have an item, idea, latest and greatest, or whatever gizmo; please bring it to the RARC meeting. We have a table (usually) set up near the front where you can place your item and share/discuss it with others as they arrive. We also have a section of the agenda set aside for members to discuss their "Show and Tell" item(s). No need to be tentative; we are INTERESTED in what you are doing, how you are doing it and, in true Ham fashion, how much it costs!

June Zoom Meeting

We had a very successful test of the new Zoom system at the church today (5/22/2023). A very special thanks to John DeMajo for putting this together and donating the sound mixing box to the club, and loaning the club the camera and other pieces of equipment to make it all work. While we said the Zoom part of the meeting would not happen in June, we would like to try this new equipment and configuration at the June meeting. Bear in mind there could be problems, but we have to start sometime. We do ask one thing to the people who use Zoom at the June meeting, we need feedback on how well you think it worked for both the sound and the video parts. The people in the room need to also to report to us.

One other important thing, the people at the in-person meeting can NOT join the zoom meeting. The reason is with the powered speakers the feed back causes problems. We learned this at the test.

Ken Leidner, WV0L

The SWAP SHOP

Club members may list their wares in the newsletter. Send descriptive information to Armand at wa1uqo@arrl.net, or call me at 508-838-8353. The Swap Shop is presented in the newsletter as a benefit to our members. RARC takes no responsibility for items sold or traded in this newsletter. The ad will appear three times unless extended. Interested parties will contact you directly. ***You must be an RARC member to place an ad.***

Wanted: Monitor or TV with HDMI input, 20 to 25 inches, inexpensive. (I have a Raspberry Pi pinning to display itself.) contact Bruce Mac Alister at Daytime: 804-353-4269.

For Sale: QDX 5-band QRP Kit with Case and Power Plug. Asking \$80.00. Contact J.B. Edmons at edmonds.j.b@gmail.com. Can be brought to the 6M tailgate on the 15th.

For Sale:

Comet CX-333 tri-band antenna. Used 3 years, still in very good condition and had a low SWR on all bands when decommissioned.

SPECS: Coverage: 2M, 1.25M, 70cm, VSWR: 1.5:1 or less, Max Power: 120 watts, Length: 10' 4", Weight: 3 lbs 8 oz , Connector: SO-239.

Construction: Heavy-duty Fiberglass, 2 sections

Asking \$90. Contact Dave White, W4IIA for information.
804-501-8857

Thought For The Day

It is a common delusion that you can make things better by talking about them.

Rick Waller	KA4OHM	President	(804) 971-5815	president@rarclub.net
Darrell Basinger	WW4F	Vice President	(804) 672-7928	vicepresident@rarclub.net
Dave Robinson	KJ4LHP	Secretary		
Ken Leidner	WV0L	Treasurer		



K2EZ's Ground Reference

