



# THE RICHMOND HAM

Published Monthly by the Richmond Amateur Radio Club

P.O. Box 35279, Richmond, Virginia 23235

August 2022

## THE RICHMOND AMATEUR RADIO CLUB RARC Meeting Virtually Happening and in person!

Our monthly meeting on Friday August 12th, 2022, 7:00PM, at the Bon Air United Methodist Church, 1645 Buford Road, and also a virtual one. The Zoom meeting will start at 7:00pm.

Upon joining the meeting you will be muted. You may exchange greetings with members through the chat feature (keyboard).

Cell phone and tablet users please use Landscape orientation for better imaging.

**Kenneth Leidner is inviting you to a scheduled Zoom meeting.**

Topic: RARC Monthly Meeting - Virtual

Time:

august 12th, 2022 07:00 PM Eastern Time (US and Canada).

Every month on the Second Fri.

Please download and import the following iCalendar (.ics) files to your calendar system.

Monthly:

[https://us02web.zoom.us/meeting/tZwoduGoqzMvEtBdpM3wG1LJ7Ro1ZcdB0qf1/ics?icsToken=98tyKuGgqzoiGtGdtRGDRpw-GYj4WfTwmFxyj7d\\_mA\\_IUDd0My\\_cYdBNY4h8FPqA](https://us02web.zoom.us/meeting/tZwoduGoqzMvEtBdpM3wG1LJ7Ro1ZcdB0qf1/ics?icsToken=98tyKuGgqzoiGtGdtRGDRpw-GYj4WfTwmFxyj7d_mA_IUDd0My_cYdBNY4h8FPqA)

Join Zoom Meeting

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

Meeting ID: 885 1805 8584

One tap mobile

+13017158592,,88518058584# US

(Germantown)

+13126266799,,88518058584# US (Chicago)

Dial by your location

+1 301 715 8592 US (Germantown, MD)

Meeting ID: 885 1805 8584

Find your local number: <https://us02web.zoom.us/j/88518058584>

Ken Leidner , WV0L

## This Month's Program:

This months topic will be "Hardware Store Antennas" by Brian Szewczyk, NJ1F

## Richmond Amateur Radio Club Meeting Minutes July 8, 2022

The regular meeting of the Richmond Amateur Radio Club was called to order at 19:04 on July 8th, 2022 on Zoom and in-person by President John DeMajo, (K5HTZ) with a Quorum present online. Agenda was displayed on screen.

### Members Present:

Check-ins on Zoom and 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 \$19,825.02. The Report was approved unanimously by voice vote.

2) 2 new membership applications : Michael Pagano (NX5DX) Advanced, and Jeffrey Augustine (WH6GSY) General – Approved unanimously.

3) President John DeMajo, (K5HTZ) asked for old business and Committee – there was no old business or Committee Reports

4) President John DeMajo, (K5HTZ) asked for members to report club property held by members to Secretary David Robinson (KJ4LHP) in order to have an inventory for the incoming Officers.

5) Ken Leidner, (WV0L) asked for a vote to have an annual Club Audit of the Treasurer's Records, to be done by Marshall Irvine at no cost. Discussion followed with several members expressing faith in Ken's performance as Treasurer. Motion made by Ken Leidner, (WV0L) to have a review of the Club Treasurer's Ledger immediately. Second by Joey Hairfield (WJ3H). Carried unanimously.

Meeting adjourned at 19:51

**Program**

Tonight's presentation is by Ken Zutavern (K4ZUT) on winding coils.

The next general meeting: August 12th, 2022 at 19:00.

Meeting adjourned at 19:32.

Minutes respectfully submitted by:

David F. Robinson,(KJ4LHP), Secretary

**From The Prez**

Greetings. I hope everyone is enjoying the summer. It will soon be time for the kiddies to head back to school. With that, we will be working again to provide help, to requesting schools, in order to give students the chance to experience ham radio, whether through ARISS programs, or simply providing guest lecturers to inspire youngsters to experience ham radio. If you would like to assist in this, please contact Bruce McAlister W4BRU. We also look forward to beginning our next round of license classes next month.

Finally, I would like to take this opportunity to remind our members to support the Metropolitan Repeater Association. With the absence of the 6.88 machine, it was fortunate that the 145.43 machine was available. MRA has provided a number of vital services recently, so please support their work.

73,

John K5HTZ

**RARC VE News**

We have two different groups that provide testing.

1. 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 September 10<sup>th</sup>.**

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

1. 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](http://www.rarclub.net) or contact Allan, WA3J, at 804-399-8724, or [ve@rarclub.net](mailto:ve@rarclub.net)

2. 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](http://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](mailto:wingrant@gmail.com)

<b>Sunday</b>	7:00 pm	50.135	USB
	7:30 pm	52.525	FM
<b>Wednesday</b>	7:00 pm	28.475	USB
	8:00 pm	147.255	D-Star Rptr
	8:15 pm	145.730	Packet

## MRA 145.43 repeater new website and features

The 145.43 VHF repeater run by the Metropolitan Repeater Association (MRA) has an updated website URL: <http://mrarichmond.org/>. The website also has a "DUES PAID STATUS" page so you can see if you are up-to-date on your dues. In the picture you see the rectangle on the left of the tower with 4 folded dipole antennas 730 feet up for the 145.43 repeater.

Not to be missed is the 220 repeater inherited from the former trustee, W4MEV who moved to Atlanta. He kindly donated it to the MRA. It's input frequency is 224.42 with its antenna also on that tower. It features the AllStar network connections at certain times of the day. Interconnections are to Charlottesville and the Shenandoah Valley 220 network. It's a very active ragchew net.

The ONLY source of funds to run these two repeaters are from dues, of \$15 per year. To join and pay dues, go to <https://sites.google.com/view/kg4mra/home/documents> and in the list of documents click "MRA Membership Application." Call Ed, KG4SNK, at 804-513-1947 for information.

(Note that an older version of the website still pops up depending on your search so <http://mrarichmond.org/> is the best way to get the current site.)



## 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!

## Nomination Committee Report

For the term 2022/2023, Committee nominations are:

President: Rick Waller, KA4OHM  
Vice President: Darrell Basinger, WW4F  
Secretary: Dave Robinson, KJ4LHP  
Treasurer: Ken Leitner, WV0L  
Director: Lauren Ware, WD4FMG  
Director: Armand Hamel, WA1UQO

Additional nominations may be made at the September meeting.

## David Hines, K4HIN, SK

David probably taught a few of you when you studied for your General license. When he retired, he decided to use his ham radio license and experience with Piedmont Search and Rescue. He was a gifted teacher so I was sorry to see him leave the teaching but it was for a good cause. I knew him from ham radio and from his job as head of computer security for the Supreme Court of Virginia. Like a lot of electrical engineers he had morphed into the computer field where there were more jobs and better pay.

Earlier this summer, knowing that he didn't have long to live, he and his wife Lisa, held a "living wake." He said he wanted to enjoy his wake with his friends and celebrate his life. It was a crowded, joy-filled time full of people, food, and wine like a traditional wake. He died July 18<sup>th</sup> at age 78. His obituary in the Richmond Times-Dispatch tells a fuller story. You can go to the <http://Richmond.com/> and look up "HINES, David Paul."

Bruce MacAlister, W4BRU

## Fall Exam preparation classes

registration dates differ by course, see below

Technician (first license) ◦ Wednesday nights, 7pm to 9pm ◦ 10 weeks, Sept 7th to November 9th ◦ Zoom only ◦ Registration ends Labor Day, September 5th ◦ Textbook: "ARRL Ham Radio License Manual 5th Edition," ISBN: 978-1-62595-156-4, <https://home.arrl.org/action/Store/Product-Details/productId/2002476141> ◦ Instructors: George Starke, WB4VWR, John DeMajo, K5HTZ, & Lauren Ware, WD4FMG

General (second license) ◦ Thursday nights, 7pm to 9pm ◦ 5 weeks, October 11th to November 8th ◦ In-person only ◦ Textbook: "2019-2023 General Class Study Manual," [https://www.w5yi.org/catalog\\_details.php?pid=87](https://www.w5yi.org/catalog_details.php?pid=87) ◦ Registration ends October 3rd ◦ Instructors: Ken Zutavern, K4ZUT & Maylon Pearman, N4EG

Extra (highest license) ◦ Three Saturdays ◦ Demo morning, 9am to noon, Saturday, October 22nd – in-person only, Room 205 ◦ Two long classes, 9am to 4:30pm, Saturdays, October 29th & November 5th – Zoom only ◦ Registration ends October 17th ◦ Textbook: "2020-2024 Extra Class Study Manual," [https://www.w5yi.org/catalog\\_details.php?pid=91&sort=7](https://www.w5yi.org/catalog_details.php?pid=91&sort=7) ◦ Instructors: Bruce MacAlister, W4BRU & Ken Liedner, WV0L

### Spring Skills Seminars – seeking instructors

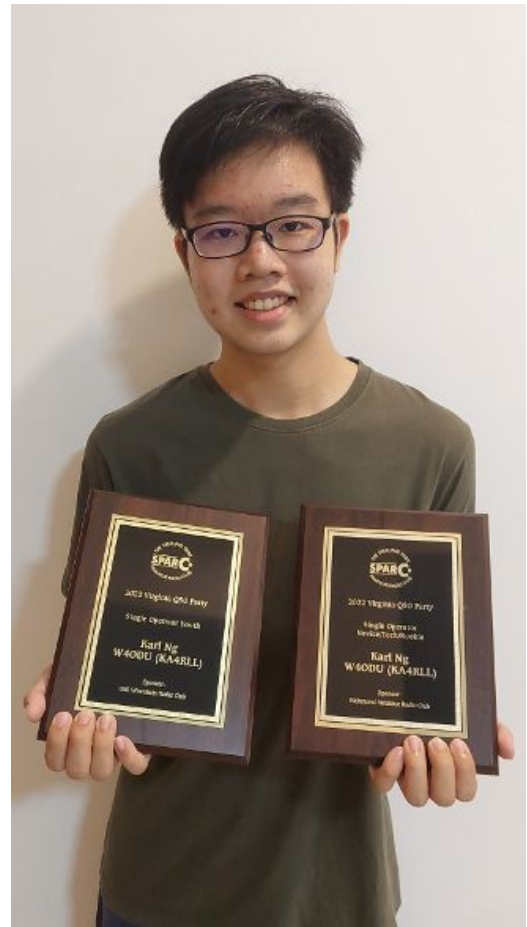
Remote Station setup and operation, instructor Bruce MacAlister, W4BRU

DStar setup and operation

Antenna Modeling with EZNEC

## Virginia QSO Party Plaque Winner!

Karl, KA4RLL



Karl Ng, KA4RLL, operated as W4ODU, the call sign of Old Dimension University in Norfolk, VA. He was 17, first licensed under 9W2IXY (in Malaysia) in September 2019 at the age of 14, got his Technician and General ticket in October 2020 and his Extra class in December 2020. He is currently residing in Malaysia. He won two plaques: the Single Operator Novice/Tech/Rookie plaque, sponsored by the Richmond Amateur Radio Club and the Single Operator Youth plaque, sponsored by the USS Wisconsin Radio Club.





### Hamshack At The Museum

With the creation of the new museum facilities, the Antique Wireless Museum is developing an operating facility know as a "Ham Shack". The vision is to host a series of technologies, provide educational opportunities and provide fully equipped operating positions for members and non-members to operate. In addition to normal activities, the facility is being created to support routine net efforts. Additionally, it is envisioned that the applicable equipment can be utilized to become a participant of the annual "On-the-Air" contests or weekly networks.

Worth a visit if you are in the area of Bloomfield, NY. Check out their website, <https://www.antiquewireless.org/homepage/> or visit in person.

## Explosive Radios Sold

Lansing, Mich.—(AP)—State police and government investigators launched an investigation today into the public sale of war surplus radio sets with a concealed explosive charge.

They said more than 1,000 of the sets have been sold in Michigan.

The principal buyers have been amateur radio operators who disassemble the sets to obtain parts.

State police commissioner Donald S. Leonard warned purchasers to "leave them strictly alone until we can learn how to make them safe. Each one has enough TNT in it to blow a man's head off."

The purpose of the charge, police explained, was to destroy the set to prevent its falling intact into enemy hands during the war. A high frequency radio, it was designed to send out automatic code messages identifying friendly aircraft to ground forces.

The sets cost the government about \$1,000 each. A Detroit dealer has been selling them for \$4.95 each. They weigh about 40 pounds.

Date and source unknown

## The SWAP SHOP

Club members may list their wares in the newsletter. Send descriptive information to Armand at [wa1uqo@arrl.net](mailto: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.**

**Estate Sale!** I have a long list of Ham equipment I am going to sell either locally, on QRZ or eBay. Hams can email me at [n4nqy@arrl.net](mailto:n4nqy@arrl.net) for a spreadsheet of what's for sale. Included is HF equipment, VHF and UHF mobile radios and handheld radios (both analog and DMR) and various accessories. JB Edmonds, N4NQY.

**Test equipment, misc. Electronics:** An acquaintance of Scott, AE4TC is trying to clean up his dad's collection of avionics, electronics, test equipment, racks, transceivers, receivers, surplus etc. This is Mr Sternheimer's collection, he owned the A&N stores here in Richmond. There's several rooms full of equipment. Some new stuff still in the box. There's ham equipment, meters, cable, and so on. He is looking to get rid of this stuff and looking for people who can appreciate it. Please contact him directly, his name is Zach. [zastarri@comcast.net](mailto:zastarri@comcast.net)

**For Sale:**

1. Ameritron AL-80A linear amplifier. Very good condition. Bought 3 years ago (used) and I never used it. Made full power when I got it. \$500. IF interested, call Dennis, KG4UT, cell (804) 709-5717.
2. MFJ Kilowatt dummy load. Bought new, never used. \$75. If interested, call Dennis, KG4UPT, cell (804) 709-5717.
3. Boonton Model 250-A Impedance Bridge. Very Good condition. I replaced filter caps. This reads the parallel combination of resistance and reactance over the range of 500 KHz to 250 MHz. I bought this for a project I was working on, and it did fine, but no longer have a need for it. \$75. If interested, call Dennis, KG4UPT, cell (804) 709-5717.

**ANTENNA ROTATOR FOR SALE:**

THIS IS A YAESU G-800SA. IT IS BRAND NEW NEVER REMOVED FROM THE BOX. NEVER HOOKED UP OR USED. SOLD AS IS. COMES WITH A GC-038 BRACKET AND 125 FEET OF NEW 8-CONDUCTOR ROTOR CABLE. PRICE: \$ 550.00. Contact JERRY WILLIAMS, KJ4IT. 804-730-0221.

For sale

ICOM IC92AD D-Star HT Radio -\$165.00

ICOM-RAPID CHARGER \$97.99

ICOM-HM-175 GPS SPEAKER MIC \$99.00

Patrick Boland - Phone 804-310-5414

***Thought For The Day***

***Inflation is when you pay fifteen dollars for the ten-dollar haircut you used to get for five dollars when you had hair.***

John DeMajo	K5HTZ	President	(504) 848-7689	<a href="mailto:jdemajo@demajo.net">jdemajo@demajo.net</a>
Allan Johnson	WA3J	Vice President	(804) 318-6951	<a href="mailto:wa3j@arrl.net">wa3j@arrl.net</a>
Dave Robinson	KJ4LHP	Secretary		
Ken Leidner	WV0L	Treasurer		

**David Hines, K4HIN SK**

