



THE RICHMOND HAM

Published Monthly by the Richmond Amateur Radio Club

P.O. Box 35279, Richmond, Virginia 23235

May 2021

THE RICHMOND AMATEUR RADIO CLUB RARC Meeting Virtually Happening !

Our monthly meeting on Friday May, 14th, 2021, will be 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: May. 14th, 2021 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/join?pwd=ZwduGoqzMWtBdpM3wG1LJ7Ro1ZcdB0qf1/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:

How not to irradiate your neighbor – figuring out RF exposure

Bruce MacAlister, W4BRU, will show how to get started checking your station for RF exposure safety. He will demonstrate the use of the online calculator and using the Google maps measuring function to figure out where there is – or is not – the risk of irradiating your neighbor. We need to get it done by May 3.

Richmond Amateur Radio Club Meeting Minutes

April 9, 2021

The regular meeting of the Richmond Amateur Radio Club was called to order at 19:04 on April 9th, 2021 on Zoom by President John DeMajo, (K5HTZ) with a Quorum present online.

Members Present: Check-ins on Zoom.

Last month's Minutes – Motion to approve and seconded. Approved unanimously.

Treasurer's Report

1) Ken Leidner, (WV0L) gave the Treasurer's Report. We had an ending balance of \$16,540.56 The Report was approved unanimously by voice vote.

2) 3 new membership applications: Allen See (KO4OCD), Philip Roberts (W8UV), James Hevener (KJ4CYP). Approved unanimously.

.Show and Tell

1) Rick Waller (KA4OHM) showed us his mini Spectrum Analyzer and gave a short discussion on it.

2) President John DeMajo, (K5HTZ) showed an all-band Chinese receiver from amazon for about \$50

Adjournment at 07:28

Program

Tonight's presentation is by Allen Graves, (AG4VA). Allen talked about his SOTA (Summits

RICHMOND THE HAM May 2021

on the Air) activities. It is viewable on the RARC Youtube channel.

Motion to close meeting at 08:07

The next general meeting: May 14th, 2021 via ZOOM.

Respectfully submitted by David Robinson, KJ4LHP Secretary.

From The Prez

It's always a good feeling when I see the students in my tech classes become licensed ham operators. Each person, who comes through our school, has their unique reason for wanting to become a licensed op, and in many cases it's to perform community service work as well as having fun and increasing their technical knowledge.

When I was a youngster, I desperately wanted to become a ham. At that time, there were no local license schools, and most of the hams around town were individuals who were willing to help, but had families, jobs, and other obligations that prevented them from spending a lot of time mentoring. Today, we are fortunate to have good, easily accessible training programs, such as the RARC license school and VE programs, where any interested person, regardless of age, can not only obtain the training they desire, but also to have a great collection of seasoned hams who are willing to expand the technical horizons of newbies who want to explore further into the hobby.

As I think back to my own adventures into radio, I am forever thankful that I had the opportunity to join a school radio club and obtain my license. Ham radio, through the years, has been a great source of pride, entertainment, and it planted the seed for pursuing a career in engineering. Over the last year, thanks mainly to the Pandemic, I have been able to maintain some degree of normalcy through my ham radio friendships, both local and spanning the forty-seven DX countries I have managed to contact. For this, I thank the Richmond Amateur Radio Club and the many friends it has brought me, both on-the-air and off, and I would encourage everyone to consider Elmering someone if you get the chance.

John DeMajo, K5HTZ

**RARC VE News
FCC EXAMS EVERY OTHER MONTH**

RARC offers VE Testing Sessions on the second Saturday of odd months except June to cover Field Day instead of July.

The May testing session will be on the 15th at 10:am. At the Chesterfield Library Bon Air Branch, 9103 Rattlesnake Rd North Chesterfield

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

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. All meetings will be virtual until the pandemic situation is resolved.

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 now 1284.0000 (-20). In addition to our Wednesday local D Star net (below), we link the D Star VHF module for the National Capital Region D Star Net on Wednesday nights at 9pm. On Tuesday nights at 9pm, we link our VHF module to the North Carolina D Star Net, and on Sunday nights at 9pm to the South Eastern D Star Weather Net.

Beginning on March 5, 2014, the RARC D Star Net which meets on Wednesday nights at 8:00pm will be accessible on our three D Star modules, all of which will be linked.

You can use any of the three frequencies, 2 meters, 70 cm or 23 cm, and you should hear and be heard by everyone.

If you participate in the net via DVAP or DV Dongle, you must link your device to Ref 062D rather than to any of our modules. Since the W4FJ stack will all be linked to Ref 062D, anyone linked to that reflector will be connected to the net.

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	Packet

MRA

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

Call Ed, KG4SNK, at 804-513-1947. The sole business of the MRA is to own, operate and maintain the 145.430 repeater.

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!

RARC ELMER PROGRAM

Over the last few years, our license school and volunteer examiner programs have added many new hams to the ranks. When asked about the services they receive from the club, many new hams say that they need some further help in order to set up a station and to feel comfortable in communicating on the air.

To this end, it has been suggested that we place more emphasis on helping newly licensed hams gain the confidence and technical help that they need to get started. Suggestions have centered around the need for a formal Elmering program. In order to fulfill that need, we would need a committee of volunteers who would be willing to help, on an as-needed basis, one or two new hams per Elmer. This would involve possibly a few Zoom sessions, and perhaps answering an occasional question. To assist new hams, and minimize the need for help by the Elmers, we will be designing a kit of material that will be issued to anyone who obtains a technician license through our programs. It will include items such as a script that could be followed when attempting to use repeaters, a chart of allowable frequencies and modes, an explanation of how to program a VHF/UHF radio, and most importantly a membership application to the RARC.

Along with the kits, we would like to establish a pool of persons who would be willing to assist these new hams while they are getting started. Any member who would be interested in helping in this way, please contact Bruce McAlister, W4BRU.

The FCC has made changes to the RF-exposure rules with May 3 deadline.

From the ARRL website <http://www.arrl.org/rf-exposure>

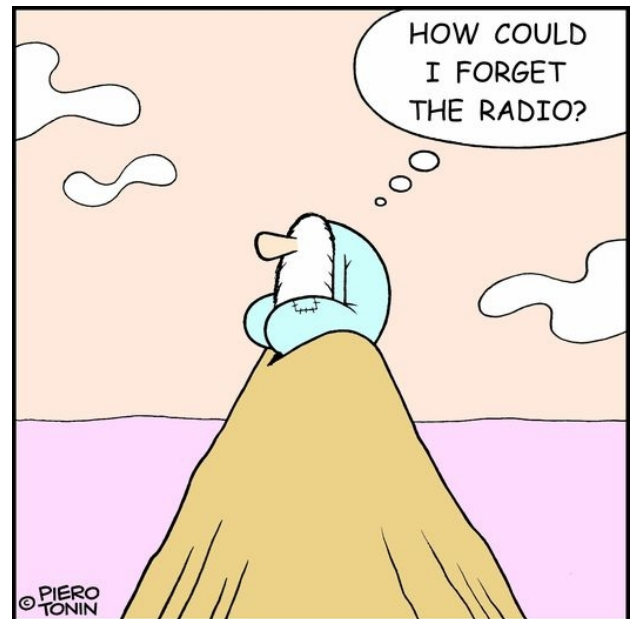
"The FCC has made changes to the RF-exposure rules that change the ways that radio stations can determine whether they are exempt from the need to do a routine RF-exposure station evaluation. To answer the questions HQ staff are receiving about these changes, ARRL has prepared an RF-exposure FAQ to help hams understand the new rules."

The website has lots of helpful information and access to an RF exposure calculator that makes most of this simpler.

The RARC will have a club presentation in the next month or two.

Bruce Mac Alister, W4BRU

Lets get Ready!
2021 ARRL Field Day is June 26-27



The SWAP SHOP

Club members may list their wares in the newsletter. Send descriptive information to Armand at wa1ugo@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.**

Yaesu 991A 100 watt, 160m-6m + 2m&70cm, Fusion, very clean (non smoking), mike, manual, 3 years old, 10 hours transmit time.
\$925.00 + shipping, all sales final
Call Ken Zutavern, H (804) 379-1136 & C (703) 472-0998

The Richmond Amateur Radio Club has a set of original complete years of QST from 1925, 1927, 1928, 1929, 1930 and 1931, available for sale in ARRL binders, for \$25 per year. We also have a 20Mhz oscilloscope for sale . Proceeds of sales go directly into the RARC club treasury. These old issues of QST are priceless for anyone interested in the history of ham radio and are being offered for way below what QSTs are selling for on EBAY.
Contact John DeMajo, K5HTZ (jdemajo@demajo.net) if interested.

Thought For The Day

By the time a man realizes that his father was right, he has a son who thinks he's wrong.

John DeMajo	K5HTZ	President	(504) 858-7689	jdemajo@demajo.net
Allan Johnson	WA3J	Vice President	(804) 318-6951	wa3j@arrl.net
Dave Robinson	KJ4LHP	Secretary		
Ken Leidner	WV0L	Treasurer		

Another Date for your calendar! May 20th Contest Univerity!

That magical weekend in May approaching. With no Hamvention this year, due to continuing Coronavirus restrictions, we have been developing several activities to keep Hams busy and engaged in the hobby.

Hamvention is a proud sponsor along with Icom and DxEngineering. Plan on attending this amazing free event!

Several Icom radios will be given away during the all-day event. You must be registered on Zoom and present online at the time of the drawing to win the radios.

Please check <https://contestuniversity.com> for updates. Free registration is available.

2021 Virginia QSO Party

Plaque Inscriptions

Get-On-The_Air (GOTA)

Not Awarded

Sponsored By:

Sterling Park Amateur Radio Club

Virginia Single Operator High Power

Mark C Killmon, K4SO

Sponsored By:

Shenandoah Valley Amateur Radio Club

Virginia Single Operator Low Power

Richard V Zwirko, K1HTV

Sponsored By:

EasyWayHamBooks.com

Virginia Single Operator Phone High Power

James C Owen, K4CGY

Sponsored By:

Shenandoah Valley Amateur Radio Club

Virginia Single Operator Phone Low Power

Randall C Kelly, WB4MJF

Sponsored By:

Morgan Phenix, K4RHD

Virginia Single Operator Phone/Mixed QRP

Ross L Primrose, N4RP

Sponsored By:

Alexandria Radio Club

RICHMOND THE HAM May 2021

Virginia Single Operator CW High Power

Mark C Killmon, K4SO

Sponsored By:

Loudoun Amateur Radio Group

Virginia Single Operator CW Low Power

John F Reuning, K4OAQ

Sponsored By:

Loudoun Amateur Radio Group

Virginia Single Operator CW QRP

Donald A Johnson, N4DJ

Sponsored By:

Roanoke Valley Amateur Radio Club

Virginia Mobile Multiple Operator

Station: N4CW (N4CW W4TMO)

Sponsored By:

Jeff Fuller, WB6UIE

Virginia Mobile Single Operator

Matthew T Shelburne, W4GO/M

Sponsored By:

Middle Peninsula Amateur Radio Club,
in memory of Joe Imburgia, KI4LXT (SK)

Virginia Expedition

Thomas B Zeltwanger, KG3V/P

Sponsored By:

Robert Harvey, K2PI

Virginia Club Combined Score

Fauquier Amateur Radio Club

Sponsored By:

Vienna Wireless Society

Virginia Club - Virginia QSOs Only
Fauquier Amateur Radio Club
Sponsored By:
www.hamradio.me

Virginia Fixed Multiple Operator Single Transmitter
Station: N4HB (N4HB K1EEE)
Sponsored By:
Andy Zwirko K1RA / KW4VA

Virginia Fixed Multiple Operator Multiple Transmitter
Station: KW4VA (K1RA N2NAR N3NCR W4EO)
Sponsored By:
Rappahannock Valley Amateur Radio Club

Single Operator VHF Only
Allen B Graves, AG4VA/M
Sponsored By:
Richmond Amateur Telecommunications Society

Single Operator Novice/Tech/Rookie
Jason O Tetterton, W4JOT/M
Sponsored By:
Richmond Amateur Radio Club

Single Band
Craig E Buck, K4IA
Sponsored By:
Vienna Wireless Society

Single Operator Virginia Counties/Independent Cities Contacted
Raymond L Sokola, K9RS
Sponsored By:
Tom Zeltwanger, KG3V

Single Operator Virginia QSOs Only

Richard V Zwirko, K1HTV

Sponsored By:

www.hamradio.me

Single Operator Digital Mode

Rich Kennedy, K4V(K3VAT)

Sponsored By:

John Heartney, KG4NXT

Single Operator Youth

Bri E Wall, KO4NLR/M

Sponsored By:

USS Wisconsin Amateur Radio Club

Outside Virginia Single Operator

Raymond L Sokola, K9RS

Sponsored By:

Alexandria Radio Club

Outside Virginia Phone/Mixed QRP

Michael E Sorton, WS2E

Sponsored By:

David Collins, N4WDC

Outside Virginia Single Operator CW QRP

Laurence M Wright, W8ANT

Sponsored By:

Rappahannock Amateur Radio Association

DX Station

Ladislav Regh, OM2VL

Sponsored By:

North Shenandoah DX Association