



THE RICHMOND HAM

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January 2023

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

Our monthly meeting is on Friday January 13th, 2023, 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:

January 13th, 2023 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/joinMeeting?z=ZwoduGoqzMvEtBdpM3wG1LJ7Ro1ZcdB0qf1/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/kbj882gslc>

Ken Leidner , WV0L

This Month's Program:

January Program – Using Free Remote Controlled HF Receivers.

Richmond native John Drum, W4BXI, now lives in Asheville, NC. It is in a facility that doesn't allow antennas so he has become expert on using remote ham radio stations, including the RARC remote station, W4FJ.

John also makes extensive use of free remote Software Defined Radio-receivers (SDRs) – sometimes called webSDRs – that let him listen to his signal from a remote station or just search for likely “prey” to contact. His presentation at the meeting tells us what he does, what he uses, and where you can find these same remote resources.

If you have a Technician license and wonder whether getting a General license is worthwhile, listening around on the HF bands using a free SDR receiver is a good way to assess that. If you are an active HF user and wonder what your signal sounds like, listening on a free SDR receiver is a good way to find out. If you like casual shortwave listening wherever you are, you can use a webSDR receiver. Whatever your radio interests, knowing how to use webSDRs is useful.

John is an ARRL Life Member, first licensed in Richmond as a Novice with the call sign WN4BXI in 1953. He retired from AT&T.

Richmond Amateur Radio Club Meeting Minutes

December 9th, 2022

The regular meeting of the Richmond Amateur Radio Club was called to order at 19:15 on December 9th, 2022 on Zoom and in-person by President Rick Waller, (KA4OHM).

Members Present: Check-ins on Zoom and in-person at the Church.

After a brief introduction of members present the business meeting was called. Minutes of last months meeting were approved unanimously.

Technical difficulties with the Zoom video from the church caused a delay in the proceedings but were mostly resolved by the meetings end.

Old business: None

Treasurers Report: Ken Leidner, (WV0L) gave the Treasurer's Report. We had an ending balance of \$20,586.16. The Report was approved unanimously by voice vote. Six new members approved unanimously by voice vote.

New Business: Lauren Ware, (WD4FMG) proposed having a club handout for students at VE test sessions.

It was also brought up that the RARC website had non working links.

John De Majo, (K5HTZ) mentioned that he had been contacted by the Virginia QSO Party concerning club sponsorship of our traditional plaque.

Rick, (KA4OHM) asked the members about any recent interesting radio related activity and gave an explanation of Solar Flux numbers and propagation.

Show and Tell: John De Majo, (K5HTZ) showed a display board (years in the making) of the parts offered by National Radio in their 1947 catalogue. Business Meeting was closed at 19:40 followed by a Swap/Sale/Give away session.

Meeting minutes submitted by A.Hamel, WA1UQO.

From The Prez

Greetings fellow RARC members. I hope everyone enjoyed the holiday season. The club has purchased a new Windows 11 laptop which will be dedicated to virtual meetings. This, in addition to a USB camera and Bluetooth microphone, will hopefully improve the quality of our virtual presence and allow more seamless participation by members who cannot attend in person. Thanks to Bruce MacAlister and Win Grant for making this happen for the club. I look forward to seeing everyone at the January 13, 2023 meeting. 73, Rick, KA4OHM.

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 January 14th 2023.**

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 or contact Allan, WA3J, at 804-399-8724, or 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.

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!

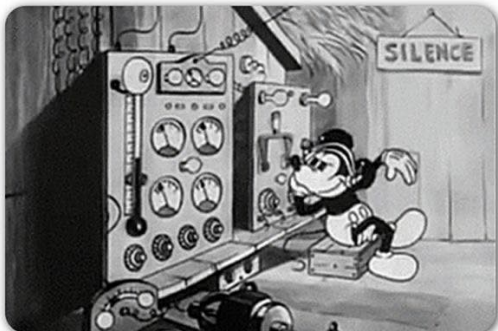
Frost Fest Volunteers needed!

Frost Fest Organization Meeting Details:
January 12th, 7:00pm-8:30pm

Frost Fest has been on the minds of local hams for the past couple of years. RATS is bringing back this much beloved ham fest! This meeting is to help get frost fest organizers and volunteers connected. This meeting is open to any local ham or non-ham regardless of club affiliation. Our hope is to form a board and elect a chairperson(s). Any help or insight we can get is much appreciated! Hope to see you there!

Zoom Information

[Zoom Meeting Link](#), Zoom Meeting ID: 232 242 1791, Passcode: 14688
Phone Number: (301) 715-8592



Rep. Bill Johnson Introduces Bill to Eliminate Private Land Use Restrictions on Amateur Radio

Congressman Bill Johnson (OH-6) introduced a bill in the U.S. House of Representatives ([H.R.9670](#)) on Thursday, December 22, 2022, to eliminate private land use restrictions that prohibit, restrict, or impair the ability of an Amateur Radio Operator from operating and installing amateur station antennas on property subject to the control of the Amateur Radio Operator.

The exponential growth of communities subject to private land use restrictions that prohibit both the operation of Amateur Radio and the installation of amateur station antennas has significantly restricted the growth of the Amateur Radio Service. These restrictions are pervasive in private common interest residential communities such as single-family subdivisions, condominiums, cooperatives, gated communities, master-planned communities, planned unit developments, and communities governed by community associations. The restrictions have particularly impacted the ability of Amateur Radio to fulfill its statutorily mandated duty of serving as a voluntary noncommercial emergency communications service.

Congress in 1996 directed the Federal Communications Commission (FCC) to promulgate regulations (Public Law 104-104, title II, section 207, 110 Stat. 114; 47 U.S.C. 303 note) that have preempted all private land use restrictions applicable

to exterior communications facilities that impair the ability of citizens to receive television broadcast signals, direct broadcast satellite services, or multichannel multipoint distribution services, or to transmit and receive wireless internet services. ARRL attempts to obtain similar relief for Amateur Radio were rejected by the FCC with a statement such relief would have to come from Congress.

ARRL Legislative Advocacy Committee Chairman John Robert Stratton, N5AUS, noted that Congress, in 1994 by Joint Resolution, S.J.Res.90/H.J.Res.199, declared that regulations at all levels of government should facilitate and encourage the effective operation of Amateur Radio from residences as a public benefit. He continued by stating that "H.R.9670, the *Amateur Radio Emergency Preparedness Act*, is intended to fulfill that mandate and preserve the ability of Amateur Radio Operators to continue to serve as a key component of American critical communications infrastructure."

ARRL President Rick Roderick, K5UR, and Mr. Stratton both extended on behalf of the ARRL, its Members, and the Amateur Radio community their thanks and appreciation for the leadership of Rep. Johnson in his tireless efforts to support and protect the rights of all Amateur Radio Operators.

For the full text of the bill, [click here](#) (PDF).

From ARRL Bulletin



WINTERFEST is coming -- Save the Date:

Vienna Wireless Society's 47th WINTERFEST matches Hams, Makers and Electronic Enthusiasts with Vendors on **Sunday, March 19th, 2023** for a traditional Hamfest.

Location: New Venue: Oakton High School, [2900 Sutton Road, Vienna Virginia, 22181](#).

Operating Hours: Tailgating: Opens at 7am. Indoor Market Fair: Opens at 8am. WINTERFEST Closes at 2pm. **Check this website** <https://viennawireless.net/wp/events/winterfest/> for updates.



Interesting Video about Ham Radio

Nice video about Ham Radio aired last November by Montana PBS.

<https://watch.montanapbs.org/video/ham-9xmc5h/>. Welldone.

The SWAP SHOP

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

Thought For The Day

God gave us mouths that close and ears that don't – that should tell us something.

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		



Arnie Corro CO2KK SK

For many of us who became interested in radio, Shorwave listening was an interesting and educational introduction to a magical world. Even inexpensive receivers could pick up Radio Habana's strong signal on 6.0 Mhz. While the anti-American rhetoric was fun to listen to, the real jewel in their schedule was Arnie Corro's "DXers Unlimited". Lots of radio knowledge and a strong emphasis on building equipment. Gracias Arnie. You were a great ambassador for Amateur Radiio.