



THE RICHMOND HAM

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February 2022

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

Our monthly meeting on Friday February 11th, 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: February 11th, 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/join/jZwoduGoqzMvEtBdpM3wG1LJ7Ro1ZcdB0qf1/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/u/kbj882gslc>

Ken Leidner , WV0L

This Month's Program:

To be determined.

Richmond Amateur Radio Club Meeting Minutes

January 14th, 2022

The regular meeting of the Richmond Amateur Radio Club was called to order at 19:15 on January 14th, 2022 on Zoom by President John DeMajo, (K5HTZ) with a Quorum present online.

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

Last month's Minutes – Motion to approve and seconded. Motion made to add the “SK” designation after the names of Dr. Joe Palsa and Lew Best. Approved unanimously.

Treasurer's Report

1) Ken Leidner, (WV0L) gave the Treasurer's Report. We had an ending balance of \$18,840.39 The Report was approved unanimously by voice vote.

2) 5 new membership applied for. George Vagner, KF7NN (Extra). Ed Hlywa, W4YWA (General). Scott Hahn, KO4UOR (Technician). John Wolak, KE4THI (Extra). And Robin Jones, KM4TWQ (Extra). Approved unanimously by voice vote.

Bruce MacAlister, (W4BRU) reported that the Middle School classes are continuing well and that the Space Station contact will occur sometime on the week of the 28th.

Club officers were sworn in by Win Grant, W4WIN.

The business meeting was adjourned at 19:31 followed by a presentation by Alan Swinger, K9MBQ. Meeting closed at 20:03

The next general meeting: February 11th, in person at the church and via ZOOM.

Respectfully submitted by Armand Hamel, (WA1UQO)

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 March 12th. **The March session will take place at 12:00 Noon.**

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 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 radio classes start March 8, registration by March 1

Exam preparation classes

- **Technician (first license) taught on Wednesday nights, 7pm to 9pm** – instructors: George Starke, WB4VWR & John DeMajo, K5HTZ
- **General (second license) meets Thursday nights, 7pm to 9pm, 5 weeks** – instructors: Ken Zutavern, K4ZUT & Maylon Pearman, N4EG
- **Extra (highest license) class is Tuesday nights, 7pm to 9pm** – instructors: Bruce MacAlister, W4BRU & Ken Liedner, WV0L

With the new textbooks, the classes will take 5 to 8 weeks, but the books are new to the instructors so they do not know for sure the length.

Skills Seminars

- **Remote Station** setup and operation, Sat March 19, 9am to noon, **Zoom only**, instructor Bruce MacAlister, W4BRU
- **DStar** setup and operation, Sat March 26, 9am to noon, **hybrid** in classroom 202 and on Zoom, instructor Win Grant, W4WIN, **minimum of 5 students**
- **Antenna Modeling with EZNEC**, Sat April 2, 9am to noon, **Zoom only**, instructor Robert Orndorff, W4BNO

For information, go to rarclub.net/license/class-schedules/.

Registration is all on-line with payment via PayPal or you can save a dollar or two by registering on-line and mailing a check to the treasurer. Registration is at:

- rarclub.net/fcc-license-class-registration/
- rarclub.net/seminar-registration-form/

For the exam prep classes we are using the W5Y1 (Gordon West) textbooks instead of the ARRL texts we used in the past. We hope to follow the Nashua, NH clubs success in getting younger folk licensed by using a shorter teach-to-the-exam method followed by a "bootcamp" to teach the skills information that gets missed in these shorter courses.

All of these classes must have a minimum number of students to be held. The reason is simple. The real life of the students means some must drop out and we have found that we end up with too few students to have meaningful class. If a class cannot be held, the students get a refund.

QRP Operator Logs One Contact per Day for Nearly 30 Years

From August 5, 1994, through December 20, 2021 -- a span of nearly 10,000 days -- ARRL member John Shannon, K3WWP, of Kittanning, Pennsylvania, made at least one CW contact while running 5 W or less to simple wire antennas. That includes one that's in his attic.

Over the course of said 10,000 days, Shannon made 72,190 contacts with 20,098 unique stations. For at least 2,099 of his contacts, his signal traveled 1,000 or more miles per W, while another 24,098 were DX (non-W/VE) contacts made in 224 DXCC entities. He contacted all 50 states "many times over" -- he made



3,819 contacts with stations in Pennsylvania and 63 contacts with stations in Wyoming.

Shannon reports that the DX country he contacted most often was Germany, with 1,934 contacts. By continent, his contact totals ranged from 52,639 with stations in North America to 325 with stations in Oceania, plus 18 with stations in Antarctica. The number of contacts he made on each band used includes 19,279 on 40 meters; 15,459 on 20 meters; 28 on 60 meters, and 39 on 6 meters.

Within his first UTC hour of operation each day, Shannon logged nearly 73% of his daily contacts.

He also experienced a DX streak from March 1, 2013 through August 1, 2018, which was a total of 1,980 days. During this time, he contacted at least one DX station per day.

Shannon said that the greatest satisfaction he's derived from his operating streak is that other hams express that he inspired their interest in, and

enjoyment of, CW and/or QRP operating. Shannon said that his greatest satisfaction derived from his lengthy operating streak was having other hams express that he inspired their interest in operating CW and/or QRP, and that they really enjoyed it.

In the early 2000s, he wrote for the "QRP with John Shannon, K3WWP" column in *The Key Note*, the [FISTS](#) CW Club's newsletter. Additionally, his article, "The Streak: 23 Years of Daily Contacts," was published in the August 2017 issue of *QST*.

Shannon said his streak is not over. He intends to continue making daily contacts for 11,000 or 12,000 days. View his website for [more information](#).

ARRL



Next QSO Today Virtual Ham Expo set for Mid-March

What's become a regular March event, the next [QSO Today Virtual Ham Expo](#) will be held live from March 12 – 13, and then on demand for 30 days afterward. More than 60 speakers will deliver presentations on their subject areas.

"There's content for everyone, whether a newly licensed ham looking for next steps...or [an experienced] ham looking for new projects," QSO Today Virtual Ham Expo organizers promise. Presentations will include "Core HF Communication Concepts: Fundamentals of Shortwave Propagation;" "Deep Dive of An FPGA DVB-S2 Implementation;" "Fun With The NanoVNA," and "Helically Wound Vertical for 160 Meters." The complete list of presentations is available from the [Virtual Ham Expo home page](#).

Virtual visitors may watch as many presentations as they want and return any time within 30 days to view other speakers and presentations, as well as explore exhibitor offerings. This Virtual Ham Expo will debut new technology that organizers say will "further improve the live video interaction experience with exhibitors and fellow operators."

ARRL The national association for Amateur Radio®, is a QSO Today Virtual Ham Expo Partner. Early bird tickets go on sale on February 1. Tickets are \$10 through March 6.

Harry Deloian, K4JXE. SK

Dear Friends,

I just got notice of the passing of another dear friend, Harry Deloian, K4JXE.

"Uncle Harry" to us was a fervent supporter and welcome attendant of our church activities in the Armenian community. What I remember are his kindness, generosity and especially his jokes. Not so much the jokes but the fact that he either forgot that he had told you the same joke (like 20 times over the years!) or he did it just to poke fun at you for thinking he was just an old dude. Which he was! I don't remember all of his jokes, well any I can tell you anyway, except the punch line for one was Timbuktu or actually "I bucked one and TIm bucked two!". Lol!

Anyway, if Harry heard that you were interested in anything, and he had one - he would bring it to you. He heard my kids were interested in electronics and computers and brought them a whole drawer full of old phones and other stuff (AND the drawer! 😊) and I think they're still up in our attic somewhere.

I last saw him at a Home Depot when something or somebody whizzed by me at warp speed and I turned around and it was Harry. At that time he was still piloting his own plane at - 90+! years old, which is just amazing.

I occasionally saw him and Lizzy at RARC meetings years back and that's how I came to know he was a ham. But I should have guessed because he was one the nicest people I know. And I mean the old-fashioned nice. Someone you could just hang out with for a whole afternoon. Just like hams.

Bye Harry - may you continue your flights through the wild blue yonder playing catch with the clouds and your eyes over the horizon. You made our lives brighter every time we were with you. We walked away with a chuckle - and a sparkle and glow.

Peace all,

Rob Thomas, KC4NYK

The SWAP SHOP

Club members may list their wares in the newsletter. Send descriptive information to Armand at wa1uqo@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.**

For Sale: Yaesu 857 with LDG YT-100 Autotuner. \$700.00 Contact David Robinson at (804) 833-3351 or thedarbinian@comcast.net.

Thought For The Day

The secret to creativity is knowing how to hide your sources.

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

Startling! Revolutionary! These new developments of Powel Crosley, Jr.

\$1000 Grand Prize!
Powel Crosley, Jr. has won the grand prize of the National Radio Contest. He has won a \$1000 prize for the best radio design in the world. The prize was awarded to him for his design of the new Crosley Pup, a genuine Armstrong Regenerative double circuit receiver.

The CROSLLEY Pup
A Genuine Armstrong Regenerative double circuit receiver

Under average conditions, its station, with band phones, is 1200 miles or more.

You can use the "PUP" to check the performance of your finger set; its automatic tuner, which corrects finger cannot read the face of dials and switches, is useful in the man's room, or even in your office—for the use in full each day. You can take it to any ship, picnic, vacation, and on your business journey—the it's only half the size of a shoe box.

Engineered and built to the strictest standards of Crosley quality, this genuine long distance set can be obtained at the above-mentioned price of \$975.

The emphasis of the double circuit, not only reduces radiation to a minimum, but actually improves selectivity. It can be heard through door openings more readily.

3 Tubes Do the Work of 5 in These New SUPER-TRIRDYNS!

You have not heard the perfection of radio reception until you have listened to these two new Super-Trirdyngs. There is no radiation. Distant stations come in clear and sharp on the loud speaker and are accurately logged. Solid mahogany cabinets of exquisite beauty and design.

DE LUXE COMBINATION
At the extreme right illustrated in outline is the new Super-Trirdyng Special De Luxe Combination. It consists of a handsome solid mahogany table, the Super-Trirdyng Special (batteries not included), and the Radiophone De Luxe. Sold separately if desired. Table \$25. Radiophone \$27.50. Combination \$112.50.

Other CROSLLEY RADIOS for Every Pocketbook:
In the Crosley one tube sets, under average conditions, one tube does the work of three, making possible the enjoyment of real long distance reception with dry batteries. Model 56, without accessories \$14.95. Model 50 Portable, without accessories \$16.95.

More than 150,000 Crosley two tube 51's have been made and SOLD in less than two years. Local and nearby stations on loud speaker always and distance up to 1500 miles.

BETTER PERFORMANCE—BIGGER VALUES!
The new low-priced models shown below represent radical improvements in selectivity, performance, appearance and value. More selective control and improved reception have been achieved by the use of the new room type 51 tube.

Radiation is thus reduced to a minimum. Both are genuine Armstrong regenerative circuits, the 51 with one stage of audio frequency amplification; the 52 with two.

The Crosley Musicones reproduce the full tonal range of the human voice and music without distortion, over tones, or chattering. It requires no adjustments nor additional batteries. Listen to the Crosley Musicones once—and you will never be satisfied with the best loud speaker you have ever heard. Case \$17.50 (Patented by basic patents).

The Musicones de Luxe
The Musicones de Luxe are originally constructed with a choice case of beautiful mahogany with a perfect screen. Price of Musicones de Luxe \$27.50

ADDED 10% TO ALL PRICES WEST OF ROCKY MOUNTAINS

CROSLLEY RADIO

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