



THE RICHMOND HAM

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January 2014

The RICHMOND AMATEUR RADIO CLUB will meet Friday, January 10th 2014, 7:00 PM, at the Bon Air United Methodist Church, 1645 Buford Road.

PROGRAM: Kerry Kingham, WA4BQM will give a presentation about the Ham support of the Marine Corp Marathon.

Coming Events:

January Meeting, January 10th, 7:00 PM.

VE Testing Session, January 11th, 2014 9:am at the Bon Air United Methodist Church.

Club Members!

If you are not receiving your copy of the Club's monthly newsletter, please contact Richard, WA4FEH, RARC's Treasurer, at wa4feh@gmail.com or phone 743-3899.

From the Prez

Happy New Year to All. I trust everyone had a safe and pleasant New Year's celebration. Well, here is our new year and we have more new hams than ever. This is great and a big thanks goes to the school staff.

The board has decided to start a new meeting program. We will be starting a small 50-50 raffle at each meeting which will cost \$ 1.00 to those interested in participating. This will provide some pocket money to the winner and the same will go the club treasury. This will give us a little financial boost for the donation to the church for our meeting facilities as well as give us a few dollars for possible club events and/or expenses.

Also, I hope we can increase club member participation on weekly nets as well as other events like the Virginia QSO party, etc. Please check the club web page for net schedules. Since we are an ARRL club, we need to participate in the ARRL's Centennial Celebration with on the air contacts. Check the ARRL web site for additional information.

Be safe
Dr Joe Palsa
k3WRY

2014 Club Dues Reminder

Club dues are due and payable November 1st of each year. We gladly accept your dues any time in the month of November; however, the longer you wait to send them in the greater the chance your name will not be in the club roster and you will not be receiving the newsletter.

Thanks, Richard Arnold, WA4FEH, Treasurer

December Meeting Notes

Meeting Date: Dec 13, 2013

Meeting Time: 7:00 PM

Presiding Officers: David Robinson, KJ4LHP, Vice President; Richard Arnold, WA4FEH, Treasurer; and Maylon Pearman, KG4RPQ, Secretary

The meeting was opened by David Robinson. (Due to the absences of President Dr. Joe Palsa, who was home ill).

Minutes for November meeting were approved.

The Treasurer report was read by Richard Arnold. Eleven applications for memberships were received and approved.

Welcome new members:

Allan Cole,	N4JRI
John W. Leake,	KK4VID
Carolyn V. Worssam	KK4VIF
Douglas P. Cummings	
Mark Kitchen	KI4MAR
Thomas Newman	KJ4LVC
Kenneth Leidner	KK4UKA
Richard Rousseau	KU4QK
Steven Johnson	KV4NK
Malcolm Lyle	KR4PC
Gerry Walter	KI4HPD

Bruce MacAlister W4BRU, reported on the spring classes. Spring 2014 class registration will be Tuesday, 02/25/14, 7 to 8 pm. (see RARC.net for more info on classes) He also

reported on 100 years of ham radio in Richmond committee plans.

Jim Bates KJ4WLH, reported on the Richmond repeater status.

The club will need members to man the RARC booth at the Frost Feast on Saturday Feb 1.

There was no further business so the meeting was adjourned and the holiday snacks were enjoyed by all.

January's Speaker Bio

Kerry Kingham, WA4BQM has been licensed for over 40 years and during that time has explored most corners of amateur radio. Presently he chases DX, is a life member of AMSAT and runs the Vienna Wireless Society's HF digital net which helps hams get on the soundcard modes. In addition to being on the Marine Corps Marathon ham leadership team, he is also involved with a group trying to get a permanent EME station installed at the Fairfax County Astronomy Park.

RARC VE News

January's Testing session will be on the 11th at the Bon Air United Methodist Church at 9:00am.

If you have questions about a session, please see our website, www.rarclub.net/ or contact Allan, WA3J, at 804-399-8724, or wa3j@arrrl.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.
- 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.

FCC EXAMS EVERY MONTH on the SECOND SATURDAY. For January and all odd-numbered months: Bon Air United Methodist Church, 9 AM. Call coordinator, Allan Johnson, WA3J, 399-8724, or visit <http://www.rarclub.net/>.

For February and all even-numbered months, FCC test sessions are provided by

the RAVE group. Coordinator, Pat Wilson, W4PW 804-201-1898 has information on his website <http://w4pw.org>.

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.

The Club sponsors several local radio nets each week. Join in for the informative discussions and fun.

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 Repeater
	8:15 PM	145.730	Packet

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
Age 12 and under	\$5.00
Age 13 to 18	\$10.00
Regular Membership	\$15.00

- Lots of information about the Club and our activities is available on our website, www.rarclub.net.
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2014 Refreshment Schedule

The refreshment schedule for 2014 is wide open! Consider signing up for your favorite month. The entire year can be covered by only ten volunteers. Let's see some new contributors!!

Help A Club Member

Grayle Hunley, KF4USV, is looking for volunteers to help give rides for older members to club meetings. He has members listed by zip codes to find those nearest to you. Contact Grayle if you can help. 730-0455

Also, members or prospective members needing transportation to the RARC meetings: Please contact Pete Fundinger at 804-639-5573 to arrange a ride for you. Pete will do his best to find someone near you or someone who can pick you up on their way to the meeting.



Frostfest Tickets Available! Frostfest will be here before you know it! Feb 1, 2014 is sneaking up. Earlybird tickets are available at www.frostfest.com

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.

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Spring Class registration will be on Tuesday February 25th 7 to 8pm. (see RARC.net for more info on classes).

W1AW Centennial Year!

A reminder that the FCC has authorized the Maxim Memorial Station W1AW to also use the call sign W100AW during 2014, the ARRL's centennial year.

Contacts made from the Maxim Memorial Station in Newington, from regional Centennial conventions, and during the IARU HF Championship will use W100AW, with portable designators as appropriate. The "W1AW WAS" operations throughout 2014 from each of the 50 states will use W1AW, not W100AW. Bulletins and code practice transmissions during 2014 also will still use W1AW. Contacts with W100AW are worth 100 points in the ARRL Centennial QSO Party. Information on the ARRL Centennial QSO Party may be found on the web at, <http://www.arrl.org/centennial-qso-party> .

ORIGIN OF THE WORD RADIO

Radio, currently a synonym for "electromagnetic radiation", actually first came into use before Heinrich Hertz's proof of the existence of radio waves. Originally "radio" was a general prefix meaning "radiant" or "radiation" -- hence the term "radio-activity" for the *alpha*, *beta*, and *gamma* rays emitted by decaying atoms. In Europe, some of the persons investigating Hertz's discovery began using the "radio-" prefix -- for example, in 1890 Edouard Branly in France called his receiver a "radio-conductor", the October 24, 1902 issue of *The Electrician (London)* included an article titled "The Radio-telegraphic Expedition of the H.I.M.S. 'Carlo Alberto'", and a report in the November 19, 1904 *Electrical Review* about Belgium marine applications noted that "radio-telegraphy has entered into the domain of current practice".

2m SSB Interest in the Richmond, VA area

There are a few hams in the Richmond area who have expressed interest in using their 2m SSB gear on a more frequent basis. If you have an interest in participating or have ideas supporting this operation, please let me know. Thank you!
Jim Bates
KJ4WLH
mailto:jl Bates4@gmail.com
[\(804\) 592-1068](tel:(804) 592-1068)

!!! Check Your Garage, Cellar, Yard, Attic, Trunk, Closet !!!

My robotics team is looking to borrow a truss section like that used in a tower during the next 3 to 6 weeks. The ideal item would have a square cross section of 1 ft, but we'll make almost anything do. If you have a qualifying item, please contact Pete Fundinger at 804-639-5573 ASAP.

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 804-454-0564. 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

Don't be irreplaceable, if you can't be replaced, you can't be promoted.

73 de:

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Maylon Pearman	KG4RPQ	SECRETARY		
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