

March 2013

THE MONITOR

Published Monthly for members of the Amateur Radio Clubs in Virginia's Central Shenandoah Valley

March 1 – PVARC BUSINESS Meeting: Lord Fairfax CC

The Page Valley Amateur Radio Club will NOT hold its regular bi-monthly meal meeting in March. Instead, the club will hold a business meeting on Friday, March 1st, starting at 6:00 p.m. at the **Luray Campus of the Lord Fairfax Community College** on **334 North Hawksbill Street** in Luray. This is the old Wrangler Annex Building. The special business meeting is to allow discussion topics which require more privacy than a restaurant affords.

NOTE LOCATION



March 5 – VARA Meeting: Shoneys in Staunton

The Valley Amateur Radio Association is back at Shoneys for the time being. On Tuesday, March 5, the VARA meeting will be at the **Shoney's Restaurant at I-81 and Route 250 east of Staunton**. The meal is entirely optional. The dinner begins at 6:00 pm, the business meeting starts at 7:00 pm. Keep tuned to the Monitor, as VARA is considering a more permanent location for their meetings. Come to the meeting and provide your input as to where you want VARA to meet in the future.

March 7 – MARA Meeting: Wood Grill in Harrisonburg

The Massanutten Amateur Radio Association, Inc., will hold its monthly meeting on Thursday, February 7, at the normal location: the **Wood Grill on Reservoir Street in Harrisonburg**. Dinner starts at 6:30 p.m. All hams and their families are invited and welcome. After dinner, a short business meeting will be held, followed by a program by Paul Wyse, W4PFM, who will report on his establishment of radio stations in Peru, South America.

VARA President Scores Tops In VA in the April 2012 International DX Context

John Keller W4ZAO, President of VARA, was first licensed at the end of 2009, and within two weeks had upgraded and obtained his vanity call W4ZAO, which had been his grandfather's callsign many years before. In less than three years, John has not only obtained DXCC, with over 164 countries confirmed, he has done this working only 100 watts of power, and over half of his contacts have been made on wire antennas!

In the April 2012 International DX Context, John worked 351 QSO's, with 168 multipliers for a final score of 174,384 after all corrections. (His score would have been higher if several stations had paid more attention to the last letter of his callsign!)

John scored the top spot (#1) in Virginia. He was #2 in the Roanoke Division, which includes not only Virginia, but also North and South Carolina and West Virginia.

He scored #6 in the 4th call area, which includes all of the southeastern U.S.

He scored 34th in the United States, 38th in North America, and #50 in the world.

And John did all of this on 100 watts or less, and mostly on wire antennas.

John has been busy building a nice shack on the second floor of a remote building at his home, and hopes to have an amplifier soon. He kids Gerry, K4RBZ, who is at the top of the DXCC Honor Roll, that Gerry should be losing sleep over an up-and-coming radio-active ham!

Congratulations to John for his accomplishments.



MARA President's Message – Time Is Running Out!



This may be the last Monitor you receive for a while, unless you have paid your dues for 2013.

The MARA by-laws state that all dues must be paid by January 31 for the new year, but the Board of Directors can grant an extension of 30 days. Typically, the Board does grant the extension to all members, but that means the dues must be paid by the March meeting this year.

If you let your membership lapse, you must apply for re-admission to the club as a new member.

But the real problem is the trouble and effort on the part of the newsletter editor to remove your name from the list initially, then rebuild it back when you get around to writing the check.

So please, be kind. Write your check and get it in before the March meeting. Please. Thank you.

Am I Really....?

I'd been checking out my new 5kW linear on the workbench when I accidentally touched the final plates while holding the chassis with my other hand. No problem, except I'd forgotten to turn off the power. Zaaap!!

Next thing I knew, this kindly person sitting in a white Jeep was calling to me. "Hop in," he said with a grin. And I did.

We took off on a path that wound around the side of a huge treeless mountaintop nearby. "You can call me Pete," said my newfound friend. Dressed in white, with snow white hair, he had a set of keys dangling from his belt, jangling as we rode up the mountain trail towards the clear blue sky.

When we got to the top of the mountain, I was awestruck. To my joy, there were phased rhombic antennas all over the place, most about a mile and a half on each leg. Wow! What a dx'ers dream!

At the top of the summit was a fair sized building, to which my friend invited me into. Inside were even more ham thrills. Pete explained, "A separate receiver and 5kW rig on every band from 160 to 2 meters. And all controls at your fingertips from the console." He brought me over to the operating position. "Take a listen," he offered. And I did.

Wow! DX coming in from all directions. I mean real DX! All the QRM was DX. "Not to worry," said Pete. "Just push in lightly on the receiver dial and concentrate on the station you want." And I did. Immediately, the QRM would fade and the signal I wanted stood out, S9! Wow! I never had a DSP so good!

Then I heard one of the rarest of the rare, a 9N1 from Nepal about S5. A little QRM was there so I looked for the beam rotor control. There was none. Pete, who was watching all this with delight, seemed to know right away what was on my mind. "That red button," he pointed. "It turns the entire mountaintop. Push it in."

And I did. Wow! There wasn't anything except a slight rumbling sound to let you knew something was going on-- something BIG. And sure enough, in a second 9N1VJ was coming in so clear like you were keying C-sharp on the big church organ, sending out CQ DX. I smiled to myself and went back to him on the keyer, smugly confident. I stood by.

But nothing happened. That is, nothing as far as I was concerned. Plenty else, though, because the DX station went back to KE4HVR! Doggone! That Ray had an old Heathkit 807 rig that squeezed out maybe 40 Watts on CW. Where does he get off beating me out of DX? I looked at Pete with that question on my face. He knew what I was thinking.

"That switch down there under the table," he pointed. "Flip it up. It connects you to a 75kW final down in the basement." And I did. Wow! I hit out a NST and with each tap of the key the house lights dimmed. I smiled again and without even waiting for Ray to QRT. I called that 9N1 five times. "I'll show that Ray a thing or two about DX," I said to myself. "Beat me out of a rare DX contact, would he? Now we'll see if my signal doesn't burn out the first RF of the 9N1's receiver."

But again, nothing. No reply. I looked over at Pete who somehow seemed less angelic in appearance than before. In fact, there was a sort of evil grin on his face. His complexion had changed to a ruddy red weathered look.

How come no contact?" I demanded to know. "Seventy five kW and mile-long rhombics? I don't get it."

Pete snickered. "Of course you don't," he was quick to reply. "They never come back. They never, ever, come back to you. That's the hell of it. Why, did you really think you were in"

*Contributed by Vince Luciani, K2VJ, SK
Originally printed in the June 1998 Monitor
Vince became a silent key in July 2000*

Dan James, W4DLJ, SK

VARA member Dan James, K4DLJ, passed away on February 5. He was a retired U.S. Air Force Lt. Colonel, who served in WWII, Korea, and Vietnam, a total of 30 years of active duty. He retired to the valley after retirement, settling in Staunton. He was born a few miles away in Waynesboro back in 1923. He was 89 years old. Dan is survived by his wife of 68 years, Nell, along with two sons, a daughter, a brother, and a number of grandchildren. Dan was active on the ham bands, being well known for his distinctive voice, and was also active on-line, distributing patriotic news and other materials. He will be missed by all who knew him.



Correction on 443.350 PL Tone

Last month's Monitor contained an error (don't they all?). Thanks to Gary Fischer K6OZ, for pointing out that the Big Mountain 443.350 repeater has a PL tone of 203.5 (not 131.8 as erroneously reported in the February Monitor). Please make note of this.

Volunteer Examiner Public Service Report

There were six candidates at the February test session at the Woodman of the World building, and they each passed a test element, resulting in an upgrade to General class and five new Technician class operators. One of the new Technicians came from all the way Maryland for the test so we are serving those outside of this area also. Congratulations to each of the candidates.

I'd like to thank the VEs that came out to help, Mike McKay W4AZR; Hugh Pettis, K3EC; Jim Lehman, W4POL; Foster Farone, WF4Q; Ellsworth Neff, K4LXG; Glenn Thompson, W4GWT; and Bryan Daniels K4RMY.

Gerald Nauman, KN4FM

Stop, Children, What's That Sound?

The links below were published in Feb. 2013 QST under the article "Digital Detective"

<http://www.dxzone.com/cgi-bin/dir/jump2.cgi?ID=4657>

<http://www.dxzone.com/cgi-bin/dir/jump2.cgi?ID=8861>

The second link also has some radio voice broadcasts etc. These links may help you identify some of those strange sounds that you might hear on the bands as the article points out.

W4KKL Neil

Modern Videos About Old-Time Audio

some videos about "old time" ham radio - interesting - one is about a Heathkit SB 101 - with audio near the end of the video - a Hallicrafters SR400 and one on Collins pre-war products etc.

<http://www.youtube.com/watch?v=vBGldf0VjQ4><http://www.youtube.com/watch?v=GddwI0aGeCQ>

http://www.youtube.com/watch?v=kuD_QA5p7n4

<http://www.youtube.com/watch?v=JDgwvb4KWYY>

<http://www.youtube.com/watch?v=WMMlwpuiDqQ>

<http://www.youtube.com/watch?v=T6IQhkTg-wM>

<http://www.youtube.com/watch?v=j1DH85eOALO>

here's the web site where I got started down this road

<http://mt-shortwave.blogspot.com/2007/10/vintage-film-at-you-tube-on-amateur.html>

Jeffrey M. Rinehart W4PJW

2013 Field Day Committee Named

A huge "Thank You" goes to the hams below for volunteering to serve on the 2013 Joint MARA/VARA Field Day Committee. The committee will be setting dates for their meetings shortly. All hams are invited to attend the Field Day Committee meetings, which are typically held at the Burger King on U.S. 11 just north of Mt. Crawford, near I-81 exit 240.



VARA representatives (Left-to-right)

Jeff Rinehart W4PJW

Benny Cook N4BCC

Greg Czerniak W4GRC



MARA representatives (Left-to-right)

Nelson Seese W4BHD

Andrew Pearson N4RCE

Herb Slade AA2BF

A New Digital Mode that uses only 20 Hertz (yes, that's 20 Hz) of Bandwidth!

To all who are currently using JT65HF: Please check out the WSJTX modes on the HF bands. WSJTX does "EVERYTHING" that JT65HF does with only 20 hertz of bandwidth, that means that 5 qso's can be carried on in the same bandwidth as 1 qso using JT65HF. Power levels can be reduced and signals are easily decoded at -25 db levels. If you have not done so, please check out this mode, lots of fun.

An email from MackW4ENN , provided by David Tanks AD4TJ

N9AHQ is now K4LXY

MARA member Howard Zehr of Broadway was originally licensed as K9LXY, so when the vanity call K4LXY became available, he jumped at it. Howard is better known to the local hams as N9AHQ, an avid QRP'er, restorer of old radios, famous pioneer of the "Restorative Justice" field, and publisher of numerous books including "Pickups: — A Love Story", featuring numerous local hams and their mobile radio installations.

CQ Magazine Features W4PJW's Mobile Installation

VARA Vice-President Jeff Rinehart, W4PJW, as recently featured in the mobile column of CQ Magazine. The article highlighted Jeff's extensive radio facilities installed in his pickup truck, wherein Jeff can work UHF, VHF, and all HF bands from the driver's seat. Jeff has used the installation extensively on his many trips, including a 10,000 mile trip to Alaska, reported in previous issues of the Monitor.

MARA Treasurer's Report – January 25 to February 25, 2013

Beginning Balance January 24, 2012 (last report)			\$ 3,232.44
Add:	February Meeting 50/50	\$	15.00
	VARA — Fall Bike Festival	\$	435.00
	Membership Renewals (14)	\$	168.00
	New Memberships (1)	\$	<u>12.00</u>
	Total Deposits		\$ 630.00
Less	Bank Fee (December)	:	\$ 2.00
	SVEC (repeater electric -December)	\$	21.73
	Printing/Postage for Oct, Nov/Dec, Jan Monitors	\$	<u>79.78</u>
	Total Disbursements		\$ <u>-103.51</u>
Ending Balance as of January 24, 2013			\$ 3,758.93

Submitted by Sheryl Tonini, KJ4DOC, MARA Treasurer

MARA Secretary's Report – February 7 Meeting

Meeting Called to Order at 7:35 PM by President David Fordham, KD9LA.

Attendance: 41 present - 32 Members and 9 Guests Introductions were made all around.

Reports:

New Members: 1st Reading: Kent Harper, KK4LRD

Secretary Minutes: Moved, seconded and approved to accept the minutes from the January 3 meeting as printed in the February issue of the Monitor,

Treasurer Report: Moved, seconded and approved to accept the Treasurer's Report as printed in the Monitor.

Groups:

ARES/RACES: Bryan Daniels K4RMY reported in absentia by message: The ARES Monday night net will be changing frequencies over the next month or two to test user flexibility.

VEC-Session: Gerald Nauman KN4FM: The next VE session will be held February 9.

Public Service: No report

Repeater Committees: David Fordham KD9LA gave MARA Secretary Dennis Phillips two loose-leaf notebooks with documentation and license copies for the repeaters. The 147.315 frequency pair has temporary coordination.

Announcements:

The 220-band repeater pair coordination has been released (2224.800) by TMARC> N1XP in Staunton has offered duplexers, filters, a controller and radios for the frequency pair. SERA is awaiting an application. K3NLT offered to donate a 220 antenna.

Dayton Hamvention May 16-19: The motor caravan leaves Thursday, returns Sunday evening. KD9LA has a couple of hotel beds available for about \$39 per person night average, on a first come first served basis.

2013 Dues are due at the February Meeting. If paid before the March Meeting, membership will continue, otherwise you will need to be re-admitted to the club in accordance with the by-laws.

Paul Wyse W4PFM put several radio stations on the air in Peru. He will be the March speaker.

Old Business: None.

New Business: The Field Day Committee was selected: Herb Slade AA2BF, Andrew Pearson N4RCE< and Nelson Seese W4BHD, will serve as the MARA representatives for the joint MARA/VARA Field Day Committee...

No new calls or upgrades: Andrew Pearson, N4RCE made Extra at the FrostFest.

50/50: won by Ken Anderson, KD4VPE, \$15.00 split for the \$30.00 collected.

Motion to Adjourn, seconded, passed.

Program: Bob Dixon, W8HDH, on some rare and collectible and framed wall certificates he has accumulated in his years of hamming. These include rare DX awards, such as the Worked All Time Zones,, and one written in Portuguese as an award for working stations in Brazil.

Submitted by
Dennis Phillips, NS4K
MARA Secretary

VARA Secretary's Report – February 5 Meeting

The VARA club's February 5th meeting was held at the new (old) location of the Shoney's at the intersection of I-81 and Rt. 250, after having held 11 meetings at the Westside Grill in Staunton. The meeting was brought to order at 7:04 pm by president John Keller W4ZAO. 35 members and guests were present to warm up the room. The usual introductions were made. The 50/50 winner was Roger Pience N1XP, who has just moved into the area with his wife Karen N3TCT; he won \$23.50.

ARES report: David Tanks AD4TJ EC for Augusta County was thankful that the weather has been kind to us so that we have not had any call-ups. The next net will be February 14th at 8 pm on the Augusta County ARES primary simplex frequency of 146.490, with Net Control being ?.

Secretary's report: David AD4TJ made a motion that the January minutes be accepted as printed in the newsletter; seconded and passed.

Treasurer report: Doug Tippett W8RTN (ex-N8ESW) gave us the figures for January. Seconded and passed.

Upcoming events: the Dayton Hamfest is coming up soon, and Dave Fordham KD9LA spoke on the caravan plans. The CQ WW WPX RTTY contest is the 9th and 10th. Jeff Rinehart W4PJW offered to help anyone who was interested.

Al Bonck N3JB is asking for input on what could be topics of interest for programs.

The 1st reading of Elizabeth Varners' application was made; then the application of Roger Pience N1XP was made.

Old business: Bruce Catlett N4RVG mentioned that Wayne Bowyer N4EYZ had gone to the Westside Grill, and that they were disappointed in the way the club handled the transition to Shoney's, that they were not given any "official" notification from the club that we would not hold the meetings there any more. John W4ZAO said he had received a call from the owner explaining that the restaurant would not be able to remain open for the club on the 1st Tuesday of the month anymore, due to it not being profitable for them. John told her that the club would discuss our options at the January meeting, which we did, and that as we were leaving he talked to her and explained that since the club had voted not to change the meeting night, that we then would not meet at her restaurant anymore, and she said " Okay, I understand ". Scott KI4QQZ said that she was probably looking for something in writing stating that, so John asked David the secretary to write up an official letter, thanking her, and explaining that we would not be meeting there. He said he would take care of it.

Field Day: our committee consists of: Jeff W4PJW, Greg W4GRC, and Bennie N4BCC. Dave KD9LA was hoping to have 3 real volunteer committee members by the end of the MARA meeting this Thursday. David AD4TJ reminded everyone that the club's Kenwood TS-2000 had a problem with the power level control, and suggested that the radio be sent off for repair before Field Day; motion made and seconded. Mathew Huffman KD4UPL has the radio, and John said he would get in touch with him and get it taken care of.

Ray Colvin KE4HVR mentioned that the radio that Frank Forsyth donated to the club had a wire antenna tuner with it, and Ray suggested that the club sell the tuner. The club concurred, and Ray was asked to find out what it was worth, and put it on the Valley google group for the VARA members to have first shot at it.

Doug W8RTN has a TenTec Omni 8 with a power supply for sale.

Dave KD9LA, Monitor editor, spoke about the need for a new editor to take over, as he is finding it harder to concentrate and do the job properly (after almost 20 years!).

Old business: the club picnic will be held in September as usual, on the 7th this year.

New business: David AD4TJ mentioned that the club had him make a note to bring up at this meeting about donating to the 3 local repeater groups/trustee: 147.075, 147.045, and 146.850. Seconded and passed.

Scott KI4QQZ noted that there is an article on QRZ about an Identification patch or stripe to go on a uniform for Boy Scouts for those interested or helping out using Morse code.

Meeting place discussion: John mentioned that some would like to meet and eat, others wanted a separate meeting place. After much discussion, Al N3JB and John W4ZAO agreed to look at options and bring them up at the March meeting(which, by the way, is at Shoney's again, on March 5th). The back room at Shoney's is not really the best situation for a demonstration-type program. The Government Center was mentioned, as was the Augusta County Library.

VE test session is this Saturday, February 9th.

Gordon WA4FJC brought us up to date on the 147.075 repeater and an intermittent problem. apparently coming from the Charlottesville side of the mountain.

Dave KD9LA mentioned that the 145.130 repeater is back up, using a PLL of 131.8.

Since there was no other business to discuss, the meeting was adjourned at 7:59 pm.

Respectfully submitted, David AD4TJ VARA Secretary.

PVARC Secretary's Report – February 1 Meeting

In the unexpected absence of any PVARC officers, the meeting was called to order at 1800 hours by Geoffrey/WD4LYO, our recently elected board member. In lieu of our regular meeting location at Page Memorial Hospital, the meeting was held at the Lord Fairfax Community College (LFCC) on N. Hawksbill Street in Luray. Geoffrey asked Dave/K4DPF to take notes to be forwarded to the Secretary. [Secretarial Note: President Bob/WO4MI attending to the loss of his mother; V.P. Mark/N4YSA work conflict; Treasurer Carol/KA4LAF recovering from knee replacement surgery; and, Secretary Sparky/KD4KL caring for Ms. Carol.]

Those in attendance were: K4DPF/Dave, WD4LYO/Geoffrey, KJ4HF0/Gene, KI4VFP/Bob, KK4IRS/Paul, K4RHD/Morgan, KQ4D/Phil and AK4CJ/Tim.

Geoffrey indicated he had an issue he would like to bring up during "new business"

Committee reports:

Emergency Communications Committee: Dave/K4DPF gave a brief outline of the progress being made in establishing a multi-county packet network in the Shenandoah Valley that has two focuses; reviving interest in Packet Radio in general and Emergency Communications. The network is being established on 145.57 MHz and currently has several elevated nodes/digipeaters as well as two WinLink2000 RMS Packet Gateways. Effort is underway to resurrect a full service bulletin board system (BBS) and to create a bridge to the Virginia Digital Emergency Network (VDEN) on 145.730 MHz.

Education Committee: No Report was available.

Technical Support Committee: No Report was available.

Old Business: There was no old business discussed.

New Business:

Geoffrey brought up the subject of making packet radio; learning the basics, seeing some live demonstrations, understanding operations, etc., a club activity. There was interest in both TNC based packet and Soundcard based packet. We will look to Bob/KI4VFP for support in the area of Soundcard based Packet while several other members will be available to discuss TNCs. After a lively discussion a motion was made and passed to begin Packet Information/Education sessions at the April 2013 business meeting. As part of the learning effort, information will be provided to Geoffrey to be included on the club's website.

Phil brought up the recent, tragic SK of Lena, KJ4UDZ. She is survived by her husband John, KI4YNA. Phil suggested that PVARC express our concern and sympathy.

Field Day: The subject of Field Day was discussed. Dave/K4DPF brought up our decision last year to run FD using some of the organization concepts of the Incident Command System (ICS). Also, a decision needs to be made whether to move to a 2A category or remain at 1A as we have been in the past. An element in that decision is the incorporation of the communications van offered by Phil/KQ4D. A committee was formed consisting of Dave/K4DPF, Morgan/K4RHD, Tim/AK4CJ, and Geoffrey/WD4LYO. [Others who might be interested in participating on the Field Day Committee are welcome, please contact Dave/K4DPF. Issues and recommendations will be brought to the April meeting for decisions by the club.

There being no further business items or discussions, Geoffrey thanked Morgan and LFCC for allowing us to use their classroom facility for our meeting. With a motion to close the meeting made and approved, the meeting was secured at 18:55 hours.

Minutes unsigned, provided to the Monitor by Sparky Terry KD4KL



Ham Calendar – Upcoming Activities – Mark Your Calendars for your Favorite Events!

MARCH

- 1 – PVARC Club Special Business Meeting—LFCC
- 2-3 – ARRL International DX Contest – Phone weekend
- 3 – Page Valley ARES Net
- 4 – Rockingham County ARES Net – Simplex
- 5 – VARA Club Meeting—Shoneys
- 7 – MARA Club Meeting – Wood Grill
- 8-9 – Charlotte (NC) Hamfest
- 9 – Idaho state QSO Party
- 10 – Wisconsin state QSO Party
- 10 – Page Valley ARES Net
- 11 – Rockingham County ARES Net
- 14 – Augusta County ARES Net
- 16 – Charleston (WV) Hamfest
- 16 – Virginia tate QSO Party
- 16 – North Dakota and Oklahoma state QSO parties
- 17 – Page Valley ARES Net
- 17 – North American Sprint contest
- 18 – Rockingham County ARES Net
- 24 – Page Valley ARES Net
- 25 – Rockingham County ARES Net
- 29-31 – CQ WW WPX Contest – Phone weekend
- 30 – Raleigh (NC) Hamfest

APRIL

- 1 – Rockingham County ARES Net (simplex)
- 2 – VARA Club Meeting
- 4 – MARA Club Meeting
- 5 – PVARC Club Business Meeting
- 6 – Baltimore Hamfest (Timonium MD)
- 7 – Page Valley ARES Net
- 8 – Rockingham County ARES Net
- 11 – Augusta County ARES Net
- 13 – VE Examinations – Dayton VA
- 13 – York (PA) Hamfest
- 13 – Georgia QSO Party
- 14 – Page County ARES Net
- 15 – Rockingham County ARES Net
- 20 – Michigan QSO Party
- 21 – ARRL Rookie Roundup Contest
- 21 – Page County ARES Net
- 22 – Rockingham County ARES Net
- 27 – Florida QSO Party
- 27 – Waynesboro Riverfest Public Service Event
- 28 – Page County ARES Net
- 29 – Rockingham County ARES Net

MAY

- 2 – MARA Club Meeting
- 3 – PVARC Club Dinner Meeting
- 4 – Hagerstown (MD) Hamfest
- 5 – Page Valley ARES Net
- 6 – Rockingham County ARES Net simplex
- 7 – VARA Club Meeting
- 9 – Augusta County ARES Net
- 12 – Page Valley ARES Net
- 13 – Rockingham County ARES Net
- 16 – Departure of caravan for Dayton Hamvention
- 17-19 – Dayton Hamvention – Dayton OH
- 19 – Page Valley ARES Net
- 20 – Rockingham County ARES Net
- 24-26 – CQ WW WPX Contest – CW weekend
- 26 – Page Valley ARES Net
- 27 – Rockingham County ARES Net

JUNE

- 4 – VARA Club Meeting
- 6 – MARA Club Meeting
- 7 – PVARC Club Business Meeting
- 8-9 – ARRL June VHF Contest
- 9 – Manassas Hamfest
- 15 – ARRL Kids Day – On-Air Event
- 22-23 – ARRL Field Day

JULY

- 2 – VARA Club Meeting
- 5 – PVARC Club Meeting
- 11 – MARA Club Meeting ← **Note Date Change!**
- 18-20 – Bridgewater Lawn Party Public Service Event

AUGUST

- 1 – MARA Club Meeting
- 2 – PVARC Club Meeting
- 4 – Berryville Hamfest
- 6 – VARA Club Meeting

SEPTEMBER

- 3 – VARA Club Meeting
- 5 – MARA Club Meeting
- 6 – PVARC Club Meeting
- 7 – VARA Family Picnic

MASSANUTTEN AMATEUR RADIO ASSOCIATION, Inc.

President: David Fordham, KD9LA
Vice President: Gerry Brunk, K4RBZ
Secretary: Dennis Phillips NS4K
Treasurer: Sheryl Tonini, KJ4DOC
Board (exp 2013): Bob Van Fossen, K4DJG
Board (exp 20124: Andrew Pearson N4RCE

<http://mara.ws>

MARA meets the first Thursday of each month at Wood Grill Buffet on Reservoir Street in Harrisonburg, Virginia.

Dinner begins at 6:30 pm, the business meeting begins at 7:30 pm

Visitors are always welcome.

Dues (\$12 per year) should be mailed to:

MARA
PO Box 1882
Harrisonburg, VA 22801

VALLEY AMATEUR RADIO ASSOCIATION

President: John Keller W4ZAO
Vice President: Jeff Rinehart, W4PJW
Secretary: David Tanks, AD4TJ
Treasurer: Doug Tippet, W8RTN
Program Manager: Al Bonck N3JB

<http://w4xd.com>

VARA meets the first Tuesday of each month. The February meeting will be held at Shoneys at I-81 and US 250 in Staunton, Virginia

Dinner starts at 6:00 pm, the business meeting starts at 7:00 pm

Visitors are welcome

Dues (\$15 per year) should be mailed to:

Doug Tippet
2348 Mosley St.
Waynesboro VA 22980

PAGE VALLEY AMATEUR RADIO CLUB

President: Bob Forrest W04MI
Vice President: Mark Hensley N4YSA
Secretary: Mike "Sparky" Terry, KD4KL
Treasurer: Carol Terry KA4LAF
Board Member: Goeffrey Phillips WD4LYO

<http://www.k4pmh.org>

PVARC meets the first Friday of each month.

March's meeting will be held at the Luray Campus of Lord Fairfax Community College.

The meeting begins at 6:00 pm

Visitors are welcome.

Dues (\$12 per year) should be mailed to:

Sparky Terry
PO Box 649
Luray VA 22835-0649

The Monitor is published monthly by MARA, Inc. for members of the three amateur radio clubs in the Central Shenandoah Valley.

Distribution is in Adobe PDF format via email attachment to all club members in good standing.

Clubs differ in their policies regarding paper copies. Contact the president of your respective club for information on paper copies.

Back issues are freely available on the MARA website starting a few months after publication.

Since the clubs derive their revenue from memberships, the Monitor is not to be made regularly available on a timely basis to individuals who are not club members.

Occasional complimentary current copies are provided to prospective members free of charge.

Clubs may also formally decide to provide complimentary copies at club expense to various constituencies.

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