



August 2013

THE MONITOR

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

August 1 – MARA Meeting: Wood Grill in Harrisonburg

The Massanutten Amateur Radio Association, Inc., will hold its monthly meeting on Thursday, August 1st at the normal location: the Wood Grill at 1711 Reservoir Street in Harrisonburg. Dinner starts at 6:30 pm. All hams and their families are invited and welcome. After dinner, a short business meeting will be held, followed by our annual home-brew and show-and-tell sharing session. Bring your projects, home-made gear, and just about anything else that you want to show off and share with others! Wayne Boyer, N4EYZ, will give a presentation on tower safety.

August 2– PVARC Meeting: Lord Fairfax Community College

The Page Valley Amateur Radio Club will hold its regular bi-monthly meeting in August on Friday, August 2, The meeting will be held at Lord Fairfax Community College (Luray-Page County Center). If you're not sure where that is, plug the following address into your GPS: 334 N. Hawksbill St., Luray, VA 22835.

NOTE LOCATION



August 6 – VARA Meeting: Country Cooking in Staunton

The Valley Amateur Radio Association will hold its monthly club meeting on Tuesday, August 6th at the Country Cooking Restaurant at 1015 Richmond Avenue, which is Highway 250 east in Staunton. This restaurant is next door to Martin's Grocery, behind the Five-Guys Diner, across the street and west one block from Wal-Mart. The meal begins at 6:00 pm, the business meeting starts at 7:00 pm.

Antenna here is homebrew!

“Antenna here is homebrew!” These words make the gears start turning in the minds of those of us who enjoy building antennas; we start to question the operator on the other end of the QSO, “What type of antenna, dipole, Yagi, quad, vertical full size, trapped, coil shortened, how tall, how long, what material?”

Most of the time an Antenna Junkie is met with a very cheerful response because the person he (or she) is talking to is an Antenna Junkie too. After the QSO is logged (You do still log, don't you?) we start to daydream about the next antenna we are going to build...

You say you don't have room to homebrew antennas? If you have a 5' x 5' space indoors or out you can homebrew HF antennas! But it will be a compromise antenna at that size, you say! (Com-pro-mise: something accepted rather than wanted: something that somebody accepts because what was wanted is unattainable.) And to those of us who love to build and study antennas every antenna is a compromise antenna, because whatever we are working on or whatever we just completed is just to take us to the next antenna.

A few years ago I worked a gentleman on 40 meters who was using a full-size four-element 40-meter Yagi. You Antenna Junkies are doing the math in your head and imagining the magnitude of that project. I did not ask this Ham brother if he was content with his setup, but my guess would be that as soon as he completed this project, or even before he completed it, he was thinking of how to improve it, or how to make it bigger or better.

That's what drives the Antenna Junkie. You may ask, “Is the Antenna Junkie never happy?” Oh, but yes. We get excited, enamored, thrilled, or as Granny would say, just plain tickled, with everything from a capacitive-capped coiled wire on a handheld, to an 80-meter full size rhombic. “RHOMBIC!” Even the word makes the Antenna Junkie's leg quiver like a hound dog getting scratched on the flanks. It's the drive to be ever improving our stations, antennas, and amateur radio in general that would have made W1AW Hiram Percy Maxim proud.

So grab a handful of wire, some insulators, coax or ladder line, and build yourself (or someone else) an antenna. Then, with the next QSO you too can say “Antenna on this end is homebrew!” Till next time, you too work on being an “Antenna Junkie!”

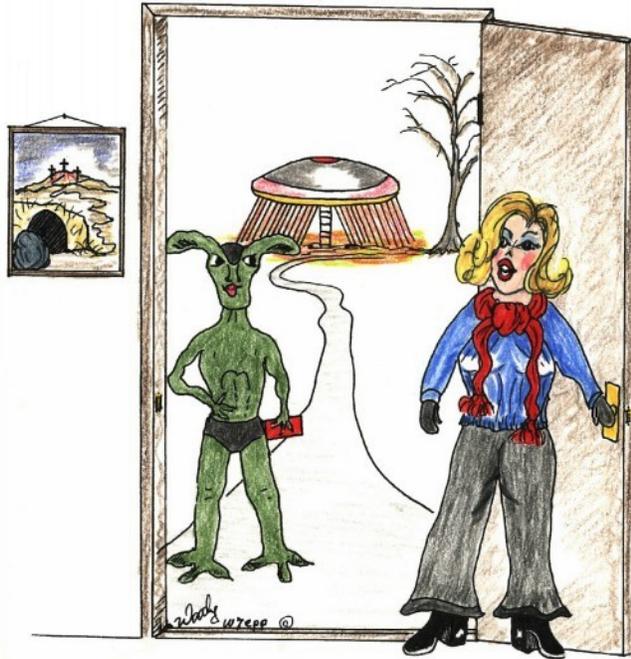
Mark Hensley-N4YSA
Vice-President Page Valley Amateur Radio Club
AEC Training Page County ARES
n4ysa@gmx.com

The Antenna's Nemesis - Lightning!



As summer thunderstorm season reaches its peak, be sure your shack is well grounded! You can't prevent a strike, no matter how hard you try. But you can at least provide the bolt with a quick and easy path to the ground, and hope that it will find the path you provided, instead of taking its own direction.

HAMTOON



HONEY ! THE GUY IS HERE WITH YOUR QSL CARD !



Ever wonder what the other ham looks like? This self potrait kite should give you some idea.

Detecting RF with Light—Breakthrough

Check this website out: nano technology for nano signals!

<http://www.technologyreview.com/view/517336/physicists-detect-radio-waves-with-light>

Thanks for the Help



Thanks to those who helped with the Fireman's Bridgewater parades on July 19 -20.

Gerald KN4FM
Bob N1QEQ

Ray K4NRA
Chris KI4BAQ

Nancy KG4JAZ
Ed KG4KUR

Bob Dixon W8HGH
Gail KG4JBF

The weather gave us a break as it cooled in the evening. The natives were behaved and I learned no new words this year.

This is a good public service and these hams earned 300 bucks for the club.

Thanks again,

Gayle, KU4XN

PVARC AND PAGE COUNTY ARES TO SUPPORT BOTH LURAY TRIATHLONS

Hello All,

On the weekend of August 17 and 18, we will be providing back-up radio communications for the eighth annual Luray Triathlons. Saturday's race, the International, begins with a swim in Lake Arrowhead, followed by a 41km bike ride and then a 10K foot race finishing back at Lake Arrowhead Park. Sunday's Sprint, as implied by its name, is a shorter race beginning with a shorter swim, then a 17 mile bike segment and 5K run. Information on the triathlons can be found at:

<http://luraytriathlon.com/> I have been coordinating with the organization's Volunteer Coordinator and here is a description of the type of assistance they are looking for:

1. Ham support is requested from the time each race begins...approximately 0800 each day...until approximately 1100. The attached map of the course illustrates the 7 positions, including the base station, for which communications support is requested. (Note: The position of Station #2 will be near the police handling the turn around point of the run segment.) The positions are prioritized P-1 through P-3 dependent upon the number of volunteer hams responding. Also, Station #5 will be the last position staffed if we get enough volunteers.
2. We are being asked to provide communications for status and logistics issues only. We will not be directing traffic. We will not be tracking individual participants or reporting numbers back to base. We will not have the primary responsibility for reporting emergencies or requesting emergency responders (unless "All Else Fails", of course). Examples of the type of messages we will handle include requests for bicycle repair, needs for supplies, status reports from officials, etc.
3. HT rigs should be sufficient to hit the .625 repeater from most of the designated locations. It would be wise to have a mobile rig if practicable. A net control station will be established at Lake Arrowhead to provide communications for triathlon officials and to coordinate hams at the various stations.
4. Once race volunteers have been assigned you will be given the name of a point of contact for your duty station. (with the possible exception of #5)
5. Because of the congestion with so many athletes at the park, we will need to do initial coordination via radio. I plan to have the Base Station operational by about 0730 each day. Operators are requested to be in position and checked into our net by 0800.

With the event less than a month away, it's time now to solidify a list of those willing and able to support this important event. Several of you responded verbally over the past few months. I certainly appreciate your standing up, but I must apologize because my memory has failed me and I failed to write down your names at the moment.

Those familiar with the Lake Arrowhead area of Page County know how unreliable cellular phone coverage is there. PVARC and Page County ARES® have been asked to provide back-up communications for both events. Our communications plan calls for a Base Station near the transition area at Lake Arrowhead plus six aid stations strategically located around the bike and running courses. These positions will be operated from approximately 0730 to 1130 each day.

Dave, K4DPF, will serve as Net Control from the base station. We will need ham volunteers to serve at each of the six stations. Mobile and/or Hand Held transceivers are necessary and some sort of day-glow vest to identify yourself as a ham communicator is desirable.

If you would be able to assist either day, or both, please email me "soonest" indicating your availability and indicating whether you will have an HT and/or Mobile rig. Based upon the number of hams responding I will assign stations...probably on or about August 11. This is a significant event for our community and an important opportunity for Public Service. With your help we can demonstrate yet again the value of Amateur Radio in service to our neighbors.

Many thanks, and 73,

Dave Firestone K4DPF
Page County ARES
Emergency Coordinator
K4DPF @ arrl.net

<http://www.pagecountyares.org/>



WHAT IS AN "FPGA" ?

Hello friends!

Greetings from Miami, Florida.

If you wish to learn about the mysteries of FPGA (Field Programmable Gate Arrays), now present at all leading edge SDR (Software Defined Transceivers) such as the new Flex 6000 series and the Apache-Labs ANAN series, don't miss this important lecture available at our LINK's section: <http://groups.yahoo.com/group/sdr-users/links>.

We made this upload in furthering the non-profit educational and informative mission of the SDR (Software Defined Radio) User's Discussion Group. Enjoy.

Regards and 73

Juan /K4LCD

(forwarded by David Tanks, AD4TJ)

Multi Decode Same Station with the Signalink

Have a Signalink device? Want to make it work better? Then look at the web address below; save it in case you decide to get one later.

There is quite a bit of data located at this web address regarding the Tigertronics Signalink:

[http://www.frenning.dk/OZ1PIF HOME PAGE/SignalinkUSB-mods.html](http://www.frenning.dk/OZ1PIF%20HOMEPAGE/SignalinkUSB-mods.html)

VARA / MARA Official 2012 Field Day Results

We're #2 in VA, and In The Top 5% in the World!

Expanding on Neal N4XU's report on 2011 Field Day report from the November 2011 Monitor, I have included results for 2012.

Year	Call	Class	Total Score QSOs	Average Points per QSO	Place in class Virginia	Place in class Roanoke	Overall in Logs Class	Total All Classes	Place in All Classes
1990	N4JEG	3A	4492 1359	3.31	2		51	1829	
1991	N4YIV	2A	5302 1567	3.38			50	1835	
1992	KN4KB	2A	4842 1312	3.69	2		62	1940	
1993*	K4SAD	2A	4488 1087	4.13				2086	
1993*	N4ICT	2A	1618 482	3.36				2086	
1994	W4XD	2A	6676 2010	3.32	1	2	31	2058	
1995	W4XD	3A	6780 1770	3.83	1	1	19	2050	
1996	W4XD	2A	6964 2027	3.44	1	1	17	1928	
1997	N4XU	2A	6766 2120	3.19	1	1	20	2038	
1998	N4XU	2A	7764 2574	3.01	1	1	15	2055	
1999	N4XU	2A	6975 3004	2.32	2	2	10	2108	
2000	N4XU	2A	8398 2789	3.01	1	1	12	2043	
2001	N4XU	3A	9148 2561	3.57	1	1	9	2064	59
2002	N4XU	3A	9046 2541	3.56	1	1	12	2100	69
2003	N4XU	3A	8904 2641	3.37	1	1	10	2085	45
2004	N4XU	2A	8254 2345	3.52	1	2	22	2250	76
2005	W4XD	2A	8320 2430	3.42	1	2	21	2202	78
2006	W4XD	2A	8436 2541	3.32	1	2	20	2184	75
2007	W4XD	2A	6988 1899	3.67	1	3	34	2333	117
2008	W4XD	2A	8810 2651	3.32	2	2	16	2410	62
2009	W4XD	2A	7914 2343	3.37	2	3	27	2612	104
2010	W4XD	2A	7592 2168	3.67	2	3	20	2617	106
2011	W4XD	2A	8132 2473	3.29	2	2	27	2632	109
2012	W4XD	2A	7360 2022	3.64	2	3	28	2617	127

*Note: 1993 - K4SAD/MARA N4ICT/VARA - individual club Field Day Operation

73, David AD4TJ

VE REPORTS (Hey! - We're not talking Canada!)



We had six people show up for testing at our June 8th testing session, four earned an upgrade and two earned licenses. Thanks to those who gave up a Saturday morning of their time to help with this important service:

Jim Lehman W4POL

Gerald Nauman

KN4FM

Foster Farone WF4O

E. C. Showalter

KG4KUR

Ray Ritchie K4NRA

Ellsworth Neff

K4LXG

The next Volunteer Examiner Session is scheduled for **Saturday, August 10**, at the Woodmen of the World building on Highway 42 (John Wayland Highway) just north of Dayton Virginia. Sign-in starts at 9:00 am, followed immediately by testing. If you are an accredited VE and would like to help, contact Gayle Shull, KU4XN, at gshu74@gmail.com.



Gayle Shull, KU4XN

Calendar of Events

August

- 1 – MARA Club Meeting
- 2 – PVARC Club Meeting
- 3—Roanoke Hamfest
- 3 – Mtn. Momma Bike Ride
- 3-4 – North American QSO Party - CW
 - August UHF Contest
- 4 – Berryville Hamfest /Convention
- 6 – VARA Club Meeting
- 8 – Augusta County ARES Net
- 10 – VE Testing Session
- 17-18 – Town of Luray Triathlon
 - North American QSO Party - SSB
 - 10GHz & Up Contest—Round 1
- 18 – Rookie Roundup - RTTY
 - Carroll County Tailgate ARRL Hamfest/Convention
- 19-20—Bridgewater Parade
- 20 – **Deadline for September submissions***
- 31—Shelby Hamfest

September

- 3 – VARA Club Meeting
- 5 – MARA Club Meeting
- 6 – PVARC Club Dinner Meeting
- 12 – Augusta County ARES Net
- 14 – Virginia Beach Hamfest
- 14 – VARA Club Picnic
- 14-15 – ARRL VHF Contest
- 20 – **Deadline for October submissions***
- 21—Bike Shenandoah
- 21-22 – ARRL 10GHz & Up Contest - Round 2
- 27-28—Ten Tec Factory Hamfest
- 28-29 – ARRL EME Contest - 2.3GHz & Up
 - CQ WW RTTY DX Contest

Monitor Publication Deadline: The 20th of the Month

The standard monthly deadline for submissions to the Monitor is the **20th** of each month for the next month's issue. While it is frequently possible to submit material a couple of days after the deadline and get it into the next issue, this is not guaranteed. Minutes, announcements, articles, for-sale items, wanted-ads, articles, reports, and other material needs to be in the editor's hands by the 20th of each month for guaranteed inclusion in the upcoming issue. Photographs, write-ups, notes, and other submissions are always welcome.

The Roanoke Hamfest will be at the William Byrd High School in Vinton, VA this year. The gate opens at 6:00 AM. They will be holding a grand prize drawing and drawings every hour. Talk-in is on the 146.985(pl 107.2) repeater. The website for ordering advance tickets and other information is: <http://www.w4ca.com>.

Roanoke Hamfest: August 3

Always the first Sunday in August

The Berryville Hamfest will be at the Clark County Ruritan Fairgrounds again this year. The gate opens at 6:00 AM. They will be holding a grand prize drawing and drawings every hour. Talk-in is on the 146.82 repeater. call - W4RKC Country ham and egg breakfast at 7 AM. The Ruritan's famous chicken and beef barbecue will be available at 11 AM. VE exams will be administered by the Laurel Amateur Radio Club at Cooley School, across the street from the Hamfest. A list of eighteen vendors are scheduled to be there. The website for ordering advance tickets and other information is: <http://www.w4rkc.org/hamfest>

Shelby Hamfest: August 31

The Shelby Hamfest will be at the Cleveland County Fairgrounds on August 31st through September 1st this year. It is sponsored by the Shelby Amateur Club in Shelby, NC. Talk-in is on 146.880(-). The website for more information is: <http://www.shelbyhamfest.org>



Which way to the good stuff?

Minutes of the MARA Meeting of July 11, 2013

MARA Secretary's Report – July 11, 2013 Meeting

Meeting Called to Order at 7:30 PM by President David Fordham KD9LA

Introductions all around by those present

Attendance: 27 present – 26 Members and 1 Guest Introductions made all around.

New Members: 1 1st reading Dorn Peterson KV4OK

New Calls: N9AH and K4LXY Howard Zehr

Secretary Minutes: Approved as printed in the June 2013 Monitor

Treasurer Report: Approved as printed in the June 2013 Monitor

Important Announcement: Berryville Hamfest August 4th



Reports by Committees:

ARES/RACES: No Report

Public Service: Gerald Nauman, KN4FM, advised us that 5 Volunteers are needed for Bike Shenandoah in September.

N5SMQ is the contact for helping in Monterey Mountain Mama event on August 3rd.

Help needed at the Bridgewater Parade August 19th 5 PM and August 20th 6PM. Meet at Town Hall.

Volunteer Examiners: From Gayle KU4XN. July session had 6 people tested. With the result of 4 upgrades and 2 new licenses. The next testing session is on Saturday, August 10th at the Woodman of the World.

Repeater Committee: 144.600 is working as well as the 145.130 repeater is working fine

147.315 (131.8) at EMU This is a low altitude repeater but has good coverage. President Fordham, KD9LA, can reach it from Weyers Cave.

Field Day Committee: President Fordham, KD9LA, thanked all who helped. Final expense receipts were collected.

Other Announcements: Rodney Goode was selected as Vet of the Year by the American Legion.

W4POL, Jim Lehman mentioned an upcoming Antique Wireless Convention.

Old Business: None

New Business: David Collins, N4WDC, asked for a motion to support the Shenandoah 500 on October 5th and 6th. Motion passed.

50/50: won by Jim Lehman W4POL \$10.00 split from total \$20.00 collected.

David Collins N4WDC showed an old Gonset 2 meter Transceiver from the 1950s. It was 30 watts AM and painted yellow and used by Civil Defense

Motion to Adjourn, seconded, and passed.

Program: We had an great show-and-tell.

Bob Dixon, W8HGH, Showed his station notebook with vital printed information that he keeps.

Jeff Reinhart, W4PJW, Also showed his station notebook with vital printed information that he keeps.

Dave Fordham, KD9LA, Showed his station notebook and old ARES manual.

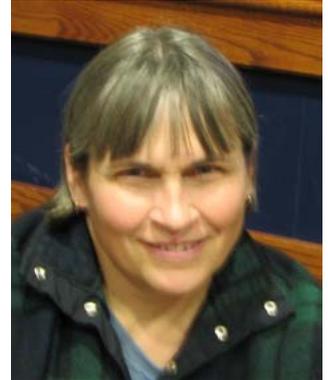
Useful things kept in a station notebook include items such as a photocopy of amateur radio license, ULS Number, Map of Ham bands, directions for station assembly, World maps with zones, log book of the world, RF exposure chart and the Part 97 of the FCC rules.

Minutes respectfully Submitted July 14 ,2013 by Dennis Phillips, NS4K MARA Secretary

MARA Treasurer's Report ending July 20, 2013

MARA Treasurer's Report
June 21, 2013 – July 20, 2013

Beginning Balance June 20, 2013 (Last Report)		\$ 3,340.64
Add:	<u>0.00</u>	
	Total Deposits	\$ 0.00
Less:	Bank Fee (June)	\$ - 2.00
	SVEC (June)	<u>-21.33</u>
	Total Disbursements	\$ <u>-23.33</u>
Ending Balance as of July 20, 2013		\$ 3,317.31



Submitted by Sheryl Tonini, KJ4DOC, MARA Treasurer

Reminder from the MARA Treasurer: Field Day Expenses

All 2013 Field Day expense reimbursements must be submitted as soon as possible to your respective MARA or VARA treasurer.



Help Still Wanted for Mtn. Momma Bike Ride

Hi Again Hamsters!!!!

I have gotten pretty good response this year so far with the following replies: 12 yes's and 4 possibilities.

All that are possibilities, if you could let me know which way you are leaning it would be nice.

There are some on the email list that I haven't heard from yet, so I'm just including ya'll in hopes of at least hearing from ya'll to say 'HI'.

This year we will again be using the 147.180+ 100.0 tone and the 147.285+ 103.5 tone. Also have 146.535 simplex ready just in case it's needed.

I would like to ask that if at all possible SAG's be there by 7am Saturday morning for assignments.

Again for those not familiar with the Mtn. Momma, it offers rides from 25, 50, 75 and 100 miles at the same time with overlapping routes. It is on the first weekend in August on **Saturday, Aug 3rd** this year and starts at 8am from the Highland County High School in Monterey, VA. In the past there has been camping allowed at the school and many have taken advantage of that (I just be with ya'll this year!!)...

There may also be some lodging available still at the Highland Inn and Montvalle Motel, now there is probably limited A/C at these locations so be aware of that. There are lots of other lodging in the area and you just need to ask. www.highlandcounty.org is the local chamber of commerce web site, it will give info on a lot of lodging and more info on the ride.

Please email me directly at n5smqw4@gmail.com if you are interested in helping or have more questions before deciding. I am keeping a separate list of people that are interested.

Thanks in advanced for your interest and help...

Butch N5SMQ

One more bit of information. It would be good to have these repeaters programmed into your radios beforehand. Also, you will need full power mobile radios and a good gain antenna. Hand-helds will be of little use. Also if the Highland Co. Rec. Dept. hands out gas cards this year, you will need to use them before 4:00PM on the day of the event as the gas station closes at 4:00PM on Saturday and is not open on Sunday.

73 and looking forward to seeing everyone and working with you.

Jerry Moats, WD4ITN

Minutes of the VARA Meeting of July 2nd, 2013

July 2nd, 2013 saw the meeting of the Valley Amateur Radio Association held at the Country Cooking restaurant in Staunton. The meeting was opened at 7:01 pm by President, W4ZAO, John Keller. The usual introductions were made with 17 members and guests present. The winner of the 50/50 drawing was N4BCC, Bennie Cook, who generously donated his winnings of \$8.50 back to the club.

ARES report: EC AD4TJ, David Tanks, reminded us to be prepared by making sure our batteries are up to snuff. The next ARES net will be July 11th, at 8 pm, on the 147.075 repeater, with John, W4ZAO, volunteering for Net Control.

Field Day comments: Jeff Rinehart, W4PJW, reported that it was good Field Day, as no one got hurt. He reminisced about a Field Day. David, AD4TJ, reported on the VHF station's results, that they were better this year than last, but not overwhelming, even with the 6 meter opening and higher elevation as opposed to last year. Band conditions seemed down from last year on HF as contacts were down on all bands. There was some discussion as to whether it is worth the extra work for VHF and satellite contacts. It was pointed out that one satellite contact is worth 100 bonus points. On the VHF side, if 6m opens up like it is capable of doing, then many contacts can be made. Also, some hams don't do HF, so they would have nothing to do at Field Day if a VHF station was not there. John and Bennie thanked the Field Day committee members for their hard work this year, especially finding a site that could be used, and in the preparation of the site.



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

Treasurer's report: no report as he was not present.

Upcoming events: Berryville Hamfest is the 1st Sunday in August, and the Roanoke Hamfest is the 1st Saturday in August. The VARA club picnic will be in September. The Mountain Mama Bike Race is coming up (August 3rd?). The CQ VHF Contest is July 20-21st, 6 and 2 meters only; the NA RTTY QSO Party is also the same weekend.

Old business: None.

New business: Greg Czerniak W4GRC, brought up an idea to rent a storage space to store the club's equipment. Jeff mentioned that most storage spaces are not climate-controlled, so it would not be suitable to store the radios there. The members voted to move the equipment to a storage space. Patsy Rinehart, K4PJJ, volunteered to check on a location. Jeff asked about the generator that was donated to the club; Gordon Batey, WA4FJC, said that Mike Reno, KG4OON, donated it after a ham gave it to him. Jeff said it would not run for more than 10 minutes at Field Day. Gordon said he had worked on it, and would be willing to check it out again. We discussed a meeting place; the old Shoney's is going to put up some kind of petition to help cut down on the noise; until then, we voted to continue to meet at the Country Cooking Restaurant, with the next meeting being August 6th.

David, AD4TJ, Ray Colvin, KE4HVR, and Wayne Bowyer, N4EYZ, told the members that Baofeng dual-band HTs are selling for under \$60 at a couple of ham stores, and for less than \$40 on E-bay.

With no other business to discuss, and no program, the meeting was adjourned at 7:36 pm.

Respectfully submitted,

AD4TJ, David Tanks, VARA Secretary

FIELD DAY REWIND

I found a picture from a Field Day long long ago. I have a book of these old pictures somewhere and I'll try to supply one or two of these from time to time (when I find the book!!)

For those of us with grey/white hair (or no hair), we find it interesting to look at old pictures. It brings back memories but also can point out to some of the newer ham operators that many of us, in years gone by, have "been there, done that" - and we don't need any more practice at it.

When you hear some of us "old guys" complaining, griping or maybe just commenting about "why don't some of these new guys show up to help, it's because we have already served our time, and made enough mistakes doing it to learn how to do stuff. Now we would like for someone else to have some of the fun, make some of the mistakes and let us sit back and watch!!

As many of you know, over the years I have tried over and over again to get someone else to make some "decisions" and take some actions when it comes to organizing, setting up, erecting antennas etc. for the events that I am a part of. I have caused myself to be unavailable sometimes, thus forcing others to make some of those decisions. In most cases it gets done without me getting involved but sometimes mistakes are made. Fortunately hams are intelligent enough to learn from their mistakes and do it better next time. We need more of that!!!

I have included a picture from years ago with some of those "old" hams at one of our Field Days. How many of them do you know? These fellows were active in our club for many years and attended many FD's too. As a new ham at the time, I learned a lot from them. I am not sure who one of them is - if you know for sure who the young fellow is on the left, let me know - I think it was Norvell Godsie WA4UML.

L-R WA4UML Norvell Godsie???, W4BIG Charlie Morrison from Shenandoah, WA4ZBP trustee of the 6.850 repeater, W4XD Joe Moomaw from Staunton, WA4ZQW Leon Rosenberger from Shenandoah. The only ones still living are WA4UML and WA4ZBP. Last I heard Norvell was living somewhere near Lynchburg - but it may not be him?? The person sitting under the tree by the campfire looks like WA4KKL (now W4KKL). The truck in the picture was one of the operating positions and belonged to Denton's Furniture. It was loaned to us by a long time active ham operator in this area - Mr. Warren Denton (deceased).

If you have an old picture or two, send it in to the newsletter editor so we can all enjoy it.

Jeff **W4PJW**



Page Valley ARC Enjoys Its Fifth Field Day at Lake Arrowhead Park

Following up from last month's article with some results.... Thirteen members of Page Valley Amateur Radio Club participated in what was our fifth ARRL Field Day effort at Lake Arrowhead Park near Luray, VA. We entered as a category 1A team again, but this time we added a "free" VHF station in the form of an FT-847 and a three element 6 meter beam.....maybe 2 meters next year. Phil, KQ4D, brought his communications van that we used for the VHF station. We hope to expand its role next year.

The stations ran <150watts completely on emergency generator and solar power. The station operated HF voice and CW through most of the 24 hour Field Day period, while Gary K6OZ took the "grave yard" shift on PSK-31 for additional digital contacts. HF antennas included an 80 meter loop raised with the help of "spud guns", and a 20 meter wire beam used for the solar powered station. Six meters opened up on Sunday morning with several operators including Mark ,N4YSA, and Tim, AK4CJ, (and possibly others) making the bulk of the contacts. Special congrats to Tim for his first venture into CW during Field Day. Bob, KI4VFP, got us our satellite contact bonus with a packet contact through the International Space Station. We had several young people make contacts for Youth Participation bonus points. Of particular note was Bob KI4VFP's grandson, Brayden McKay (pictured).

Bonus Points totaled 1,130. We were down a bit in the bonus points due in part to a lack of response from invited elected officials and our served agencies in the area.

The QSO scores are as follows:

	CW	Digital	Phone	Total
Total QSOs	341	48	544	
Total Points	682	96	544	1322 X2 = 2,644

Pending final adjudication from ARRL, our grand total for 2013 was 3,774 points. While this year's score didn't top last year's (3,902) I'd say everyone had a marvelous time with great weather, wonderful food from Chef Morgan, and the fine camaraderie of hams enjoying each other's company. Many thanks to everyone who participated in PVARC's 2013 ARRL Field Day.

Dave K4DPF

PVARC Field Day Chairman



PVARC Field Day location at Lake Arrowhead Park, Luray, VA



Bob KI4VFP and his grand-harmonic, Brayden, with Morgan K4RHD at the solar powered station.



Mark, N4YSA and Bob, KI4VFP, assemble the 6m beam for our first VHF Station

Estate Sale for W4PNT

I am helping to dispose of a silent key's estate.

These items were removed from the operating station of W4PNT. All proceeds go to his widow.

1. One of the items is a real nice Collins 75 A4 receiver. The power supply caps have been replaced in the past and it has been recently aligned. It has the original 3 kc ssb filter and a Dave Curry 2.5 kc filter. Looks and sounds great. Asking \$1,000 plus shipping.
2. An ICOM 756 transceiver with Astron 30 amp metered power supply. Real clean and sounds and looks very good. Asking \$900 plus shipping.
3. A Collins KWS-1 restored by Howard Mills. Asking \$2500. Pick up in central Virginia.

I can deliver to the Berryville, Virginia Hamfest on August 4, 2013.

Email Me **OFF** list at gpbatey (at) wildblue < dot > net for pictures and further info.

73 Gordon WA4FJC

Rohn 25 Tower, 2 pair Cushcraft 2-m Beam Antennas



I have the following items for sale are located just North of Staunton, Virginia.

- A. Three sections of Rohn 25 tower. Good condition but need to be painted. \$30 each.
- B. One PAIR of Cushcraft 215WB 2 meter beam antennas with spacing boom and factory phasing harness. Looks great. Antennas are still assembled. Asking \$350.
- C. One PAIR of Cushcraft 11 element 2 meter beams (vertical) with spacing boom and factory phasing harness. Weathered but works great. All still assembled. Asking \$250.

Contact Gordon Batey at GPBATEY (at) Wildblue dot net for further info.

73 Gordon WA4FJC

Area SK's

WV3J—Paul Herbert - Passed away on 6/29/2013. A memorial service will be held this fall sometime when all of the family can be present.

Gerry / K4RBZ

My condolences to his family—Editor

The club newsletter, **The Monitor**, is provided free of charge monthly to all members of all three clubs via email distribution, in PDF format. However, it is the individual club members' responsibility to notify the newsletter editor directly of all changes in email address. Electronic back issues will be provided free to members on request.

Elderly, disabled, or special-needs members may make special arrangements with their respective club officers to receive a hardcopy of the Monitor via U.S. mail in lieu of the electronic PDF version. However, the hardcopy requires additional production and delivery time and is not guaranteed to arrive before the scheduled monthly club meeting dates.

Members not receiving the electronic Monitor in a timely fashion (e.g., before their monthly club meeting) should notify the newsletter editor promptly to investigate and resolve the problem with distribution. Members who are using the latest update version of Adobe Reader and experience trouble opening the Monitor email attachment can contact the newsletter editor for assistance.

MASSANUTTEN AMATEUR RADIO ASSOCIATION, Inc.

President: David Fordham, KD9LA
 Vice President: Gerry Brunk, KB4RBZ
 Secretary: Dennis Phillips, NS4K
 Treasurer: Sheryl Tonini, KJ4DOC
 Board (exp 2013): Bob Van Fossen, K4DJG
 Board (exp 2014): 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, N8ESW
 Program Manager: Al Bonck N3JB

<http://w4xd.com>

VARA meets the first Tuesday of each month.
 at the Westside Grill on West Beverley Street
 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/Treasurer: Mike "Sparky" Terry, KD4KL
 Board Member: Morgan Phenix K4RHD
 Board Member: : Geoffrey Phillips, WD4LYO

<http://www.k4pmh.org>

PVARC meets the first Friday of each month: Odd-
 numbered Months at Luray Southern Grill on Highway
 340 south of Luray and even-numbered Months at Lord
 Fairfax Community College in Luray
 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

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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
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Clubs may also formally decide to provide complimentary copies
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