



# THE MONITOR

July 2016

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

## **VARA Meeting: July 5th**

The **Valley Amateur Radio Association**, will hold its **July 5th** meeting at Hometown Grille & Buffet (Old Shoney's) at 30 Sanger Lane, Staunton, VA. Dinner starts at 6:00pm, and the general meeting begins at 7:00pm.

## **MARA Meeting: July 7th**

The **Massanutten Amateur Radio Association, Inc.**, will hold its monthly meeting on Thursday, **July 7th**, at the Wood Grill on Reservoir Street in Harrisonburg. Dinner starts at 6:30 p.m. Meeting starts at 7:30 PM. All hams and their families are invited and welcome. A presentation on **EMP/EMCOMM** is scheduled. RSVP required as space is limited.

## **PVARC Meeting: July 1st**

The **Page Valley Amateur Radio Club** will hold its regular meeting on **July 1st** at 6:30 PM at the Luray County Sheriff's Training Room in Luray. All hams and their families are welcome to attend.

## **Weekly Friday Luncheon**

The **Friday weekly** casual lunch meetings are at Hometown Grille & Buffet (Old Shoney's) at 30 Sanger Lane, Staunton, VA at 11:00AM. Directions: I-81 to Exit 222, Richmond Rd. & Rte. 250. Turn East, Hometown Grille & Buffet will be on the left across the street from Mrs. Rowe's.



## 200ft. Tower Loses Fight

Zory Glaser, KB3VQC

### Wind Storm Brings Down a 200 ft. Tower

*Monitor* readers might recall reading (and viewing the photographs contained in) the article entitled “Report on a Visit to a Major Amateur Radio Contesting Station and Antenna Farm, W3LPL”, contributed by Page Valley Amateur Radio Club (PVARC) member **Zory Glaser, KB3VQC**, which appeared in the *Monitor*, on pages 4-7, in Dec. 2013. The article described Glaser’s visit to the extraordinary 6-band, full power “multi/multi” ham station and antenna farm owned and operated by **Frank Donovan, W3LPL**, located in the Glenwood area of Howard County, MD, just off I-70, about 5 miles west of Columbia, and only about 15 miles west of Baltimore. Frank’s W3LPL station frequently operates as a part of the club competition efforts of the **Potomac Valley Radio Club (PVRC)**, of which Glaser is also a member.

Unfortunately, the very high winds experienced in the Glenwood area earlier this week brought down one of Frank’s 200 ft. towers. **Photo “A”** of this article shows the

twisted tower on the ground. Another one of Glaser’s photos, “**B**” (taken 3 years ago, on his first visit to Frank’s amazing station), shows 6 of Frank’s 9 towers. That photo (shot from the patio behind Frank’s house) clearly shows the many stacked full-size beam and Yagi antennas mounted / hung on the tower 3<sup>rd</sup> from the left. That tower, closest to Frank’s beautiful house, is the one which toppled in the wind storm. Although the tower and the many antennas mounted on, and the wire antennas suspended between some of the other towers, were destroyed, the tower fortunately fell away from the house (which was not damaged), and did not bring down other towers. There were no injuries.

It is ironic that Glaser was again a guest of Frank (and his charming wife) on June 18 (only 3 days prior to the fateful wind storm), at the annual W3LPL “open house” and annual meeting of PVRC. Baltimore TV Channel 11, WBAL, interviewed Frank on-air at the ham station/ antenna farm a day following the storm. You can view the video clip at: <http://www.wbaltv.com/weather/tornado-rips-through-howard-county/40179132> . The interview with Frank is about 1 minute into the video segment. A detailed description of the sad event follows (below):



Photo A

# Confirmed Tornado in Maryland Downs Tower at W3LPL Contest Station

22-JUNE-2016

A confirmed Fujita scale EF-0 tornado touched down for up to 20 minutes in Howard County, Maryland, on the first full day of summer, taking down a tall AB-105 tower at the contest superstation of **Frank Donovan, W3LPL**. The tornado was just part of a spate of strong storms to hit the region, dumping heavy rain that caused flooding, and high winds that toppled trees and utility poles. Donovan's station is one of the premier multi-multi contest sites in the US.

"The storm was extreme," Donovan said in a post to the **Potomac Valley Radio Club (PVRC)** reflector. "I've never experienced anything like it before. Essentially all of the trees in the front of the house and along the driveway are gone. Several power poles on Hobbs Road snapped. The 200 foot tower adjacent to the house collapsed, everything on it was destroyed."

Donovan said he will have to do "a tremendous amount of testing and inspection" to determine what other damage may have occurred. Big Gun contester **John Crovelli, W2GD**, reported that he had spoken with Donovan, who told him that his other antennas were intact but "beat up."

Crovelli said the huge **Potomac Valley Radio Club (PVRC) W3AO Field Day operation** was still on.

News media accounts said the tornado, which hit at

approximately 1:30 PM in western Howard County, had top winds of 80 MPH — at the high end of the EF-0 range. The tornado was some 1500 feet across, and traveled nearly 13 miles, according to the National Weather Service. No injuries were reported.

**Mike Lonneke, W4AAW**, in Middleburg, Virginia, reported "tremendous tree damage" and roofs ripped from barns about a mile from his location. "Two 70 MPH storms in close succession hit Middleburg at 4 PM yesterday," Lonneke said this morning. Thousands were left without power as a result of the tornado, severe storms, and heavy rainfall that hit the region west of Baltimore.

**John Pescatore, K3TN**, who is some 15 miles south of Donovan's location, reported being "just clipped by the big storm." He said 3 inches of rain fell in a 90-minute period. Some areas received hail.

QST "How's DX?" Editor **Bernie McClenny, W3UR**, who lives next door to Donovan, reported that power was out at his location and "it could be several days" before it will be restored. McClenny said the downed W3LPL tower collapsed away from Donovan's house, and that a lot of trees and utility poles were down in his area. "Got the generator out and running," he said.

The felled tower at W3LPL supported three stacked 8 element 10 meter K3LR OWA Yagis on 48-foot booms and a 7-element 6 meter Yagi on a 24-foot boom.

Thousands of residents in the affected region remain without power.

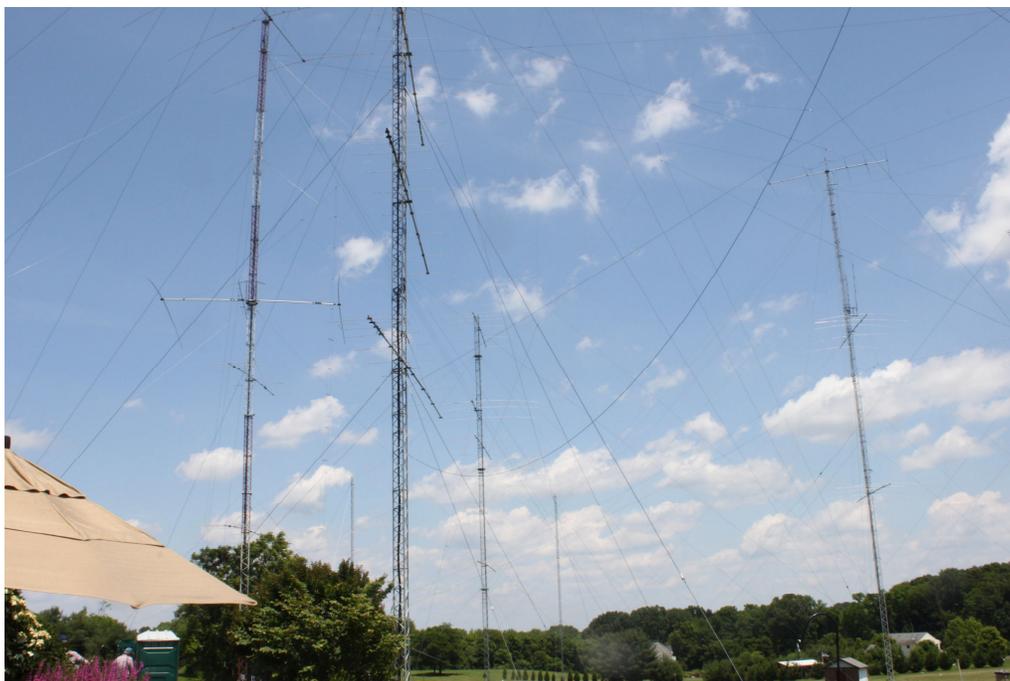


Photo B



I'm continuing to downsize to make room in my shack, so reluctantly parting with my **Kenwood TS-820(s)**. It is in excellent cosmetic and working condition. The digital displays are notorious for bad solder joints but I have gone through and re-soldered all bad joints so that the display now works. It has the internal cw filter, switchable in and out. Power supply filter capacitors have been recently replaced. In addition, I have added a zero beat indicator and internal variable and regulated power supply that can power accessories like a keyer. Neither involved changes to the front panel and can easily be removed if not wanted. Comes with user manual and service

# Sale

manual. Package can include TenTec keyer, MFJ manual tuner and even an end-fed antenna if desired. This is a classic hybrid rig and discussion about these rigs can be found in a Kenwood hybrid yahoo group and on the hybrid net on 7235 on Saturday afternoons at 3:30. **\$275.**



**TenTec Rebel 506.** This is an Open Source QRP rig that is designed for users to modify according to their interests and needs. It is Arduino-based, and a variety of "sketches" or programs are available through the Rebel Yahoo user group. These can be used as is or modified to the users taste by uploading from a computer. This one has the RebelAllianceMod v2.3 installed, with a few tweaks, so it is ready to go as it is (includes a built-in keyer). Piggybacked on top of the basic cabinet is another of the same size that houses a tilting Nokia LCD for readout of frequency, cw speed, etc; a speaker; an adjustable New England QRP Club SCAF (audio filter), and a speaker. I have also added an internal zero beat indicator (using the LED in the TenTec logo and a band switch (allows switching between 40M and 20M by holding a button on the front panel instead of by moving jumpers). Also, the cw keyer speed may now be adjusted by a control on the front (speed and on-off are combined in one control). New matching knobs have been installed. Documentation included. The Yahoo group provides a great community for sharing ideas and approaches. I have had great fun customizing this and working with Arduino programming as well as using it on the air but am ready to move on to other challenges. Feel free to contact me for more information or photos. **\$175 plus shipping.**

Contact info: **Howard Zehr, K4LXY** [zehrjh@aol.com](mailto:zehrjh@aol.com) 540-435-9086

**Note:** with the change of ownership the Rebel is no longer available, though there are rumors that it may become available again sometime in the future.



## AL-82 Amplifier

My father-in-law, W8QP, is selling his linear. Works great, non-smoking environment, full legal limit output. Buyer needs to pick up the linear (bring two adults!). It is located just south of Stanley, VA. He is asking **\$2,000.**

You can contact Bill at [w8qp@yahoo.com](mailto:w8qp@yahoo.com).

<http://www.ameritron.com/Product.php?productid=al-82>

73, Jeff - WD4VA



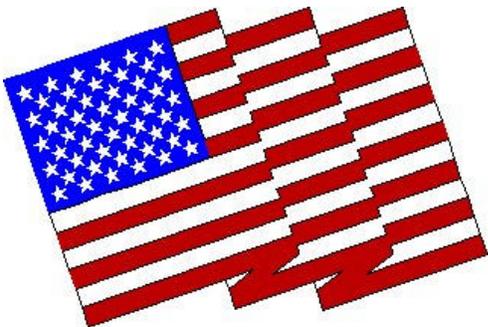
# Happy Independence Day

## Current Local and Upcoming Happenings

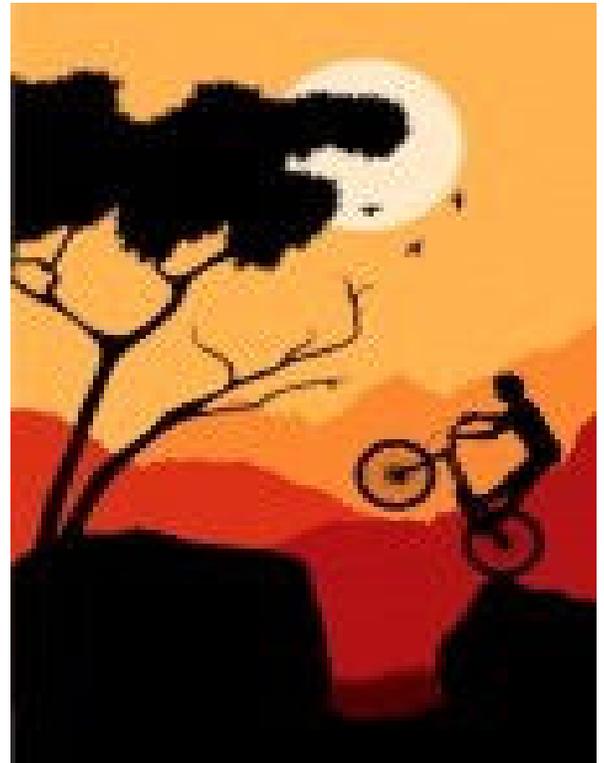
### Antenna Work



A picture of Matthew Huffman, KD4UPL working on the antennas on his tower. As you can see he climbed it "the easy way".



### Mt. Mama Bike Ride



**HELLO FELLOW HAMS.**

THIS IS AN EARLY REMINDER FOR THE **HIGHLAND CO MT MAMA BIKE RIDE** FOR THIS AUGUST 6TH. AS ALWAYS ANY HELP IS MUCH APPRECIATED. IF YOU PLAN TO HELP WITH THIS PUBLIC SERVICE EVENT PLEASE PUT IT ON YOUR CALENDAR AND PLEASE LET EITHER ME OR BUTCH, N5SMQ KNOW.

MY EMAIL IS [wd4itn@yahoo.com](mailto:wd4itn@yahoo.com)

AND BUTCH' S IS [n5smq4@gmail.com](mailto:n5smq4@gmail.com).

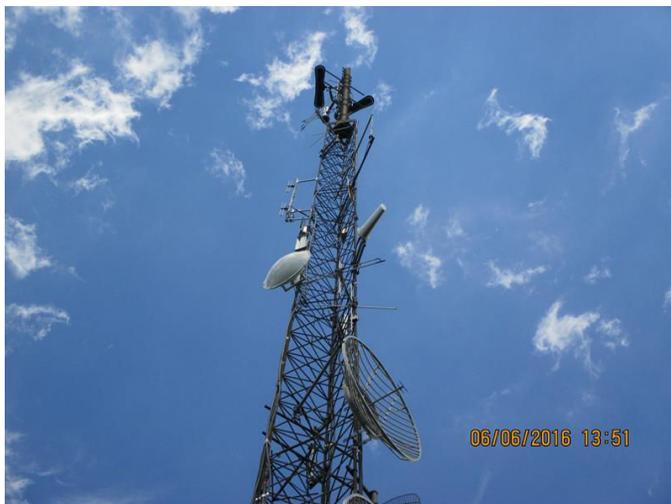
AS TIME GET CLOSER MORE REMINDERS WILL FOLLOW.

THANKS AND 73 JERRY WD4ITN

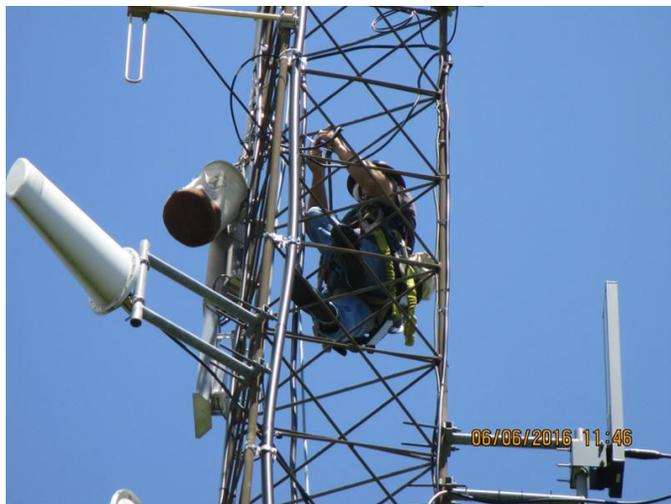
# Odyssey of the Oh Seventy Five

I should say.....I guess most know that the 075 had to be relocated. The new location is on the northern end of the small line of towers on Bear Den. We were on the opposite end. As you can see from the pics it's a nice location. Hopefully the location change will have a minimal impact on coverage.

Wayne, N4eyz



Note the hard working wa4fjc



Here's the 075 in its new home. A nice climate controlled environment where all the little baby electrons can roam safely and comfortably!

# Mountain Valley Regional EMCOMM (MVRE) News

Eleven representative members of the **Mountain Valley Regional EMCOMM (MVRE)** group attended the quarterly MVRE meeting Saturday, June 18, in the Page County Sheriff's Office Investigations Training Room. Topics centered around the group's focus, for enhanced and efficient coordinated regional communication capabilities.

The day's discussion began with possibilities for a regional ARRL SET (Simulated Emergency Test) exercise this fall, tentatively Saturday, September 24. There was a proposal to try an "objective-based" exercise, in which specific target activities and capabilities could be checked off, yay or nay, instead of carrying out an entire simulated scenario, in which some participants might only fulfill one or two of the scenario's activities, possibly spending a great amount of time and energy and manpower to test only a single capability. It was suggested to at least designate some "mini-scenarios," in which specific skills and capabilities would be addressed or tested.

Discussion ranged as well to served agencies, particularly the hospitals, and the important takeaway



there was about the balance between assurances of *service* to those agencies and the actual *capability* (manpower/technology) to deliver what is promised.

Discussion turned to default connectivity, or where we would turn (frequencies and modes) and in what rank order, as a common helpline, to initiate communication, seek assistance, or provide support. Comments were made that we can also use phones and Internet ("Before All Else Fails") to establish connectivity.

A very interesting presentation was referenced, a special limited seating presentation on EMPs at the July MARA club meeting. Contact **Al Small KW4KQ** for reservations, only a few of the 90 seats left.

Next MVRE meeting Saturday, September 17, in Page County again, but tentatively at the Mimslyn, at 12 noon. Confirmation on the venue and time forthcoming.

Many thanks. **Morgan K4RHD**



# Field Day 2016

Page Valley ARC

More photos on the PVARC web site at <[www.k4pmh.org/](http://www.k4pmh.org/)> under the Field Day Tab.



## The Opinionated One: Field Day — Home of the Whopper

We were sitting around the campfire, waiting for Druly Ehrwaxx to show up with some more RG-8 so we could finish erecting the antennas for the 20-meter phone station. I popped the top on another Dr. Pepper, took a sip, and passed it around the circle.

“Field Day is one of the most fun contests we take part in,” said Hack Moore.

“I don’t know about that,” replied Fizzy, “I think the peripheral contests at the Field Day site are more fun than the Field Day contest itself. Let’s see, there’s the Eatin’ Contest, there’s the ‘Who Has The Most Expensive RV’ contest, and the ‘How long has your Kenwood worked without bein’ in the shop’ contest.”

“And the Lyin’ Contest. Don’t forget the Lyin’ Contest, to see who can tell the biggest whopper,” added Verman, breaking off another chew from his Red Man chunk.

“I reckon you’re right,” admitted Hack. “Especially the lyin’ contest. But I’m not sure I’d call that one a real contest. Seems like every year, good ol’ Digby Trowell always wins the lyin’ contest hands down. No one else even comes close to him.”

There was a pause in the conversation, as everyone remembered some of the whoppers told by Digby over the years.

For example, there was the Field Day a few years back where it was raining cats and dogs. Digby was manning the 40-meter CW station. He claimed that he and his logger worked for three hours, putting over 380 QSO’s in the log, and working 172 DXCC countries and 52 ARRL Sections, before they discovered that the radio had been turned off the whole time. They had been copying the two hundred tree frogs chirping outside in the rain.

Or the time that a windstorm had come up and torn down the trees holding up the 160 and 80 meter dipoles. Digby claimed that as the trees came down and rolled down the hill, they cut and coiled up the wire into huge loops that were perfectly spaced to form a twenty-five element circularly-polarized beam for 10 meters, and they were able to work a station running QRP at 5 watts located somewhere in the fringes of the Andromeda Galaxy.

Or the time they were working the VHF contest way up on the top of Tuning Knob. A thunderstorm came up and a lightning strike blew up their generator. But it didn’t stop them. According to Digby, they’d put their cooking materials in an empty one of those cylindrical Igloo

coolers to keep them dry. There was a roll of paper towels in there with a roll of aluminum foil. Somehow, the two rolls got intertwined, and the foil and paper in the cylinder made a giant capacitor, and the lightning bolt charged it. They hooked up their radios to the cooler spigot and worked the remaining 14 hours of the contest, and still had enough power left over to jump-start Druly’s pickup when the contest was over.

And then there was the time they were working a January contest, and the wire antenna got coated with ice. The ice prevented the signals from getting out. But unknown to the operators, the CQ’s were being frozen and were collecting inside the wire. When the wire was taken down and stored in Digby’s garage, it thawed out three days later, and all the signals came out at once, and he got a warning from an Official Observer about using a 200 kilowatt signal that completely covered up the entire 15 meter band, end to end, for five solid minutes.

Or the Field Day where Digby was in charge of ordering the Porta-Potty, and accidentally dialed the number for Glass and Metals, and when everybody got to Field Day and saw what was there, nobody had the courage to use the bathroom — for three days.

And then there was the situation with Digby’s Icom 706, the two ducks, a bottle of Old Spice after-shave lotion, and the 4-foot rattlesnake that could hum the Greek National Anthem.

Well, anyway, the guys around the campfire were all familiar with Digby’s stories, and they all agreed that it wasn’t really a contest when it came to lying.

Well, this year’s Field Day was different: Digby Trowell never showed up!

We went over to his house after FD was over. Digby’s wife Lollie answered the door.

“Digby said he wasn’t going camping in the woods anymore, ever,” she said, with a frown as serious as the mission controllers after the loss of Columbia. “He had a traumatic experience in the mountains last month, and it had a psychological effect on him. He had a run-in with the Hoompaw,” she explained.

“No!” we cried. “Not the Hoompaw! When? Where?”

“Yes, it’s true. Digby saw the Hoompaw, and he’s a changed man. Why, he even offered to take me out to a nice restaurant one night last week. I suggested he go to counseling, but you know how proud he is...”

Now most educated people don't believe in the Hoompaw. It is a mythical creature said to inhabit the far reaches of the George Washington National Forest. Those few people who have seen it (mainly in West Virginia after a night of heavy drinking) say it is a Sasquatch or Bigfoot on steroids.

"Digby actually SAW the Hoompaw?!" The guys were incredulous. About this time, Digby, who had heard us from the back room, came to the door.

"It was horrible," he said, tears welling up in his eyes. "I get goosebumps just recalling the memory of it. It was terrible, just hideous. You guys know how I'm prone to exaggerate. But this time, I'm telling the truth. The Hoompaw is so horrible, even Hollywood couldn't come up with anything close."

"Tell us about it. What did it look like?" asked Verman.

"It was unbelievable. It's got red scaly skin covered in long fur that's all greasy and sticky and smells like hundred skunks. It has long, sharp fangs, and they're dripping green and brown slime. It growls and hisses like bear. Its breath can knock down a 200-year old oak tree at 50 yards. Its eyes are red & it looks like a demented warthog. It must weigh 800 pounds." Digby shuddered. "The thing was getting ready to EAT me! It was right on top of me, holding me down, trying to kill me. I knew I was a goner."

"How'd you let it get so close to you?" asked Hack.

"It snuck up on me while I wuz napping. And the worst part of it," here Digby broke down into sobs again, "IT ATE AMPEL. My good pal, Ampel McPharty, it killed him and ate him."

"No, not Ampel McPharty," we gasped. "The heavy-set E.M.T. with the beard, down at the rescue squad? It ate him?"

"Yep, it ate him. He's gone. I haven't had the strength to go over there and tell Maudie the truth about what happened to him." Tears streamed down Digby's face.

"Gracious sakes alive," said Hack —or words to that effect. "How'd it happen?"

"Well, me and Ampel wuz up there on Squelch Knob, working the 10-10 contest. We'd set up in his camper. But with our bad luck, the band was completely dead. Ampel got hoarse from calling CQ. After about sixteen hours of listening to static, I decided to take a short walk in the woods. Well, I kinda got lost, and it took me a coupla hours to find my way back. When I got back, there was no

sign of Ampel anywhere. With hindsight, after what happened to me, it's plain as day the Hoompaw got him and ate him.

"But at the time, I didn't think about the Hoompaw, I'd always figured it was just a myth. I was tired from walking around in the mountains after being up all night, so I lay down on the bed and took a little nap. The next thing I knew, the Hoompaw'd somehow got into the camper, and was right on top of me, getting ready to eat me. It's mouth was just inches away from my face, those gaping fangs dripping its corrosive slobber on me. It had some kinda noose or something it was trying to strangle me with. And the smell, oh, (gag) the memory of that awful smell, ooooh..." Digby began choking, but in a minute or two he was able to continue.

"The fright was too much for me. I grabbed something, I don't know what, and shoved it in the creature's face. It let out a horrible bellowing sound, so I threw something else at it and jumped through the camper's window. And you know, it came right after me, right through the window, just inches behind me! It chased me at least a mile, slobbering & hissing & growling on all fours, clawing and snapping at my ankles, no more than a couple of inches away. But eventually I was able to outrun it. I ran six miles down the mountain and came to the Efrim Diner there at the four way stopsign in Berpsville, and asked them to call the police. They said something about the police already being busy with a missing persons case. I tried to tell them that the missing person was Ampel and that the Hoompaw had ate him, but they acted like they didn't believe me. I tell ya, I'm never going back in the woods again, no sir. I hitch-hiked a ride back home, and I've been here ever since. If the police don't believe me, well, that's their problem. I tell you, the Hoompaw ate Ampel. Poor Ampel...I wonder if they'll ever find his body..." Digby was shaking and sobbing again, so we decided to leave him at that point. It was obvious that he was telling the gospel truth this time.

"Let's go over and pay our respects to Maudie," someone suggested. "Then we can go up and have a look around the Knob and see if we can find what's left of Ampel."

We went to Ampel's house to see Maudie, and to our amazement, Ampel himself answered the door. He was dressed in pajamas, even though it was late afternoon. "Hey, wassup guys?" he said. "Sorry about the PJ's, but I've been under the weather recently. I didn't even make it to Field Day this year. I lost my voice at the 10-10 contest last month, and haven't fully recovered yet."

Hack Moore was the first one to find his voice. "Ampel? Why aren't you dead? Digby told us about the Hoompaw gettin' ya'll up on Squelch Knob."

“Say what? Digby Trowell? The Hoompaw? What’s that old liar up to now?” Ampel seemed clueless.

“Digby said the Hoompaw ate you at the 10-10 contest, and just about ate him too,” I explained. “When was the last time you talked to Digby?”

“That stupid jerk. I don’t know that I’ll ever talk to him again. Why, he’s caused me more trouble than those three blondes and that butane lighter did for P-J-W last year.”

“Can you tell us what happened?” Verman asked.

“Well, Digby wanted to go with me up to the top of the Knob to work the contest. We set up the camper, but the band was dead, and I was coming down with this darned sore throat. Saturday morning, Digby says he’s going for a short walk, probably to use the bathroom, but he doesn’t come back. I fix us some lunch, black beans and rice, stewed onions and garlic, and creamed spinach, and after a half hour I go ahead and eat, but still no Digby. After another hour, I go out looking for him, but can’t find any trace of him. I was getting worried, so I walked down the mountain to the Efrim Diner, and called the Sheriff. The sheriff sent out a search team. We range all over the mountains. I worked up a real sweat. I was in such a Hurry to find Digby, I didn’t take time to put on a shirt. Without my shirt, going through the woods my beer belly got all tore up from the briars, and I get a bad case of poison ivy on my chest. Luckily I’ve got a lot of

hair on my chest and tummy. Man, it was hot for June, and I was sweatin’ up a storm. Well finally, just before dark, I go back to the camper, and there he is, snoring like a log! I roll him over and ask if he’s all right.

“He doesn’t respond. I think maybe he’s had a heart attack or something, so I get my stethoscope from the first aid kit, and get real close to him to see if he’s breathing. I’m putting the stethoscope on his chest, with my face maybe four inches from his, when Digby opens his eyes, looks at me, and shouts some obscenity I’ve not heard since I got out of the Navy. Then, get this, he grabs my Weller soldering iron and shoves it up my nose! I yell and he grabs the leftover creamed spinach and throws it in my face. Then he jumps right through the window of my camper! But he’s got my stethoscope caught in his belt, and the other end’s wrapped around my neck. He drags me right through the window by it, and starts running down the road! I try to get his attention, but he’s dragging me down the road by the stethoscope and I’m so hoarse I guess he can’t hear me. He musta drug me a mile or more. Finally the stethoscope breaks loose and he runs off. I decided to give up on the contest and bring the camper home. I’m so mad I don’t want to talk to him. If you see him, tell him he owes me a window, a stethoscope, and a soldering iron. And I’m never inviting him on another camping trip again.”

The next day at the Burger King, we all agreed: Digby Trowell has won the contest again this year.

(From the July 2006 edition of the Monitor, pages 8,9.) By David Fordham, KD9LA

---

## Shenandoah Parade



Tim, KM4TGC AND Joe-NCY



Morgan, K4RHD and Patrick, KE4EI

# MARA Secretary's Report

June 2, 2016

Meeting called to order at Wood Grill, Harrisonburg, by **President Andrew Pearson (N4RCE)** at 7:33 p.m. 20 members and 9 guests were present. Introductions were made all around.

**New Member First Reading: Steve Brown (KW4TP)**

**New Member Vote:** None

**The Secretary's Minutes** for last month's meeting were approved as published in the Monitor.

**The Treasurer's Report** for May was approved as published in the Monitor.

## Committee Reports:

**ARES: Bryan (K4RMY)** informed the group there will be a drill in **August**. Badges will be a part of new credentials at **ECC**. **ARES net** is moving back to the **147.225** repeater, now that the interference problems have been resolved.

**Repeaters: Ray Ritchie (K4NRA)** said all repeaters are up and running.

**Volunteer Examiner (VE) Committee: Gayle Shull (KU4XN)** reminded the group of the next VE session on **June 11**. The **VE Committee** needs a few good men to spread the work and shorten the waits at the VE sessions. See **ARRL** for details for becoming one.

**Public Service:** Volunteers helping at the **July 15 and 16<sup>th</sup> annual Bridgewater Lawn Party** will be answering questions and giving directions. We will meet at the **Town Hall** parking lot at **5 p.m. Friday, and 4 p.m. on Saturday**. Bring **2m HTs**. Operations will be simplex.

**Field Day Committee:** The Field Day signup sheets were passed around. **Several people** noted operating times they would be available for **different modes, VHF/UHF ops, transporting MARA materials and equipment, and helping to set up and tear down**. **Bob Steere (N1QEQ)** noted that all the preliminary responsibilities

were being so well covered that we wouldn't need to meet as a committee this month. **Secretary note: Herb Slade (AA2BF)** has volunteered to be the **Field Day Safety Officer**. There is a check list that must be covered for the whole FD weekend, to earn **100 bonus points** for this new **ARRL** category. A second new category, **Social Media** is worth another **100 bonus points** if someone conversant with **Facebook, Instagram, Twitter, etc.** will actively post invitations, updates, and answer the public's questions during the **FD weekend**.



**Old Business: Bob VanFossen (K4DJG)** has some shingles to repair the leaking roof at the 440.600 repeater, but needs another bundle to do the job. Herb provided a bundle.

**Announcements:** The next **MARA** meeting will be at the **Wood Grill on July 7**. It will be an invitation to **VARA** and **PVARC** members and guests, for a presentation by **Dr. George Baker**, an expert on protecting ham radio from **Electro Magnetic Pulse (EMP)** and **geomagnetic storms**. **Al Small (KW4KQ)** is leading the effort to get commitments to justify **Wood Grill** giving us both meeting rooms.

**50/50 Drawing:** \$33.00 was collected. Winner was **Pete Fundinger (AA4PF)** who gave his winnings back to the club treasury. Thanks, Pete! Proceeds were turned over to **Foster Farone (WF4O) Treasurer**.

**Time Adjourned: 7:50 p.m.**

**Program: Bob Steere** showed a number of pictures and statistics from past **Field Days** and a couple of our other activities. One particularly interesting statistic is that, over the last 20 years as a joint **VARA/MARA Field Day** organization (**W4XD**), we have averaged in the **top 20, nationally**. During the same time period, we have usually placed **first or second, statewide!**

Respectively submitted, **Herb Slade, AA2BF**, Secretary

## August Presentation at MARA

The August presentation for MARA is a slide presentation on how to "Roll Your Own" QSL cards. The presentation will be given by **John Spillman, KT4CB**. The hand out is available to those that desire one is located here:

<https://www.dropbox.com/s/60w5ybljd2ccoi4/QSL%20Cards.pdf?dl=0>

# **VARA Secretary's Report**

**June 7, 2016**

the **Valley Amateur Radio Association** held its monthly meeting at the Hometown Grill and Buffet in Staunton. 25 members and guests were in attendance. President **John Keller W4ZAO** brought the meeting to order at 7 pm. The usual introductions were made. **Ray Colvin KE4HVR** won the 50/50 drawing of \$15.00.

## **Reports:**

**ARES: David Tanks AD4TJ**, EC for Augusta County, reminded us that hurricane season started June 1st, so keep that in mind. **Fred Evans N4KYM** volunteered to be Net Control for the **Augusta County ARES net** to be held on June 9th at 8 pm on the 146.850 repeater. Thanks Fred!

**Field Day: Bob Steere N1QEQ**, Field Day Committee Chairman for this year, reported that since plans have come together so well that a June meeting would not be necessary. This year we will operate 3A, with the GOTA( Get-On-The-Air ) station serving dual-duty as GOTA and a third HF station; the Field Day computers will be networked by **Sandy Mullins K4PZC** and **Jason Armentrout N4DSL**. Jason will also be providing internet capability. **Ray Ritchie K4NRA** will need help getting his 6 meter beam in the air. This year we can earn 100 bonus points by having a Safety Officer. **David AD4TJ** will again be doing the NTS messages for bonus points. The W1AW message is to be copied by all. Bob went back to records of our Field Day operations since 1997 and saw where we were number #1 VA many times in our entry category. He also had a graph that showed where we were making few contacts during the 24 hour period; the question

is why they were down during those time periods? John thanked those who are on the committee for their hard work, and encouraged everyone to come out and support the Field Day effort, and attend the Potluck Supper Friday night before the event begins.



**Secretary: David AD4TJ** asked that the minutes be approved as printed in the **Monitor**, seconded and passed.

**Treasurer: Greg Czerniak W4GRC** read the report; seconded and passed.

Upcoming events: John reminded us of the Roanoke hamfest August 6, and Berryville August 7th.

We voted on the membership applications for **Roger Gathright N4DSA** of Waynesboro, and **Calvin Woodzell KM4TGB** of New Hope. Voted on and accepted. Welcome, gentlemen!

**Gordon Batey WA4FJC** brought us up to date on the 147.075 repeater: the equipment will be moved soon.

**Old business:** none.

**New business:** none.

Upcoming contests and events: David reported on contests and special event stations.

The meeting was adjourned at 7:24 pm, and there was no program for the meeting.

Respectfully submitted,

**David Tanks AD4TJ**, VARA Secretary

*Happy Independence Day*

## PVARC Secretary's Report

3-JUNE, 2016

**Page Valley Amateur Radio Club** was called to order by Vice President **Morgan Phenix K4RHD** at 6:30 PM in the Sheriff's Training Room

(President **Tim Ramey AK4CJ** arrived a few minutes later and presided)

9 members in attendance

Pledge to the Flag

Committee Reports and Old Business:

**Technology Committee: Mark Hensley N4YSA** reports the new repeater (146.625) is passing **WIRES** info and is receiving and transmitting digital as well as analog (either mode on input produces both modes simulcast out). One step away from having **ECHOLINK** up and running!

**Mark N4YSA** also thanked the volunteers for the Shenandoah Parade (it went very smoothly this year) and requested volunteers for the **Elkton Field Day Parade** Saturday July 9th at 9:30 AM corner of 5th street and Spottswood Trail

"Help Wanted" also mentioned for **Page Valley Road Race (bicycle)** July 30th and **Luray**

Triathlon August 20th and 21st

**Field Day:** discussion of equipment needs ... ran down the checklist ... several members volunteered to contact local officials and club membership prospects to invite them ... Reminder to bring your long distance friends names and addresses for sending ARRL traffic

**Zory Glaser KB3VQC** mentioned he still has a few of the new club badges that have not been picked up. He accepts cash, check, or Bitcoin :-)

New Business:

**Zory KB3VQC** mentioned a need for more club brochures and opportunity to place some in the Chamber of Commerce location. It was resolved to investigate printing more.

**Zory KB3VQC** (our man on the ground in Maryland) also mentioned **DDAY** Remembrance activities and frequencies for **W2W** at the National Electronics Museum

**Bob Forrest W04MI** mentioned **MMARSI.ORG** has donated equipment for sale and also discussed **MARS 60** meter activities

Meeting adjourned at 7:19 PM

Submitted by **Gary Fischer, K6OZ**, PVARC Secretary

## PVARC Treasurer's Report

12-MAY-2016 to 19-JUNE-2016

Opening Balance           \$3,617.48

Ending Balance            \$3,617.48

Submitted by **Juergen Lunkwitz, W3LUV**, PVARC Treasurer





# Page County Va. ARES Frequencies



<u>Repeaters</u>	<u>Simplex</u>
146.625 131.8	Page ARES Channel 1 146.55
146.670 114.8	" " " 2 146.40
443.350 203.5	" " " 3 146.45
	" " " 4 146.50
	" " " 5 147.45

### ARES Contacts

Mark Hensley	EC	N4YSA	540-578-1133	n4ysa@gmx.com
Morgan Phenix	AEC	K4RHD		phenix@centurylink.net
Bob Forrest	AEC	WO4MI		<a href="mailto:wo4mi@arrl.net">wo4mi@arrl.net</a>

### Call Up Procedure

Call up for the Page County ARES members will be via 146.625R & Page ARES Channel 1. 146.55 simplex. You will be advised of the emergency and you assignment. In the event of power loss, inclement weather or other emergency, monitor the Call up frequencies at the top of the hour.

## MARA Treasurer's Report

### May 20 to June 19, 2016

Opening Balance				\$ 1,606.42
Income: Memberships	\$	24.00		
50/50 Porceeds	\$	16.50		
Donations	\$	16.50	\$ 57.00	
Expenses: Electric	\$	20.80		
Ins/Leases Repeaters	\$	360.00		
Corp Fees				
Field Day				
Guest Meals				
Bank Fees				
Monitor Printing & Postage			\$ 380.80	



Balance June 19, 2016 \$ 1,282.62 Submitted by **Foster Farone, WF4O**, MARA Treasurer

## How Long Has It Been Since You Checked Into One of the Nets?



**Don't forget:** The local ARES groups hold regular nets to let you check out your radio equipment, antennas, and other station gear. Take advantage of these opportunities to get signal reports and get to know the other local hams.



The **Page County ARES Net** meets the first Sunday nights on the local 146.550 simplex, the remaining Sundays on the 146.625 (PL 131.8) repeater, at 8:00 pm local time.

The **Rockingham County ARES Net** meets Monday nights at 8:00 pm local time, the first Monday on 146.55 simplex, all other Mondays on the 145.130(-) repeater (PL 131.8).

The **Augusta County ARES Net** meets the second Thursday of each month at 8:00 pm local time, usually on the 146.850 repeater (PL 131.8).

The **NVTN (Northern Virginia Traffic Net)** meets daily on the 147.300 (PL 131.8) repeater at 7:30 pm local time.

The **Old Dominion Emergency Net** meets every first and third Monday on 3.947 kHz at 6:30 pm local time. **All hams are welcome!**

The **VSBN (Virginia Sideband Net)** meets daily on 3.947 kHz at 6:00 PM local time. **All hams are welcome!**



**Ham Meeting Gosau 2016: Special event stations OE2XXM and OE5XXM will be active around the International Ham Meeting and the International Fall Field Day in Gosau during July and September 2016.**

**How's DX**

**5X, Uganda:** Jonathan/KK7PW is currently active until July 8 as 5X10 on 40, 20, 15, and 10m with 5 watts. QSL via EA5GL.

**5T, MAURITANIA.** 5T2AI is the callsign issued to Ahmad, 9K2AI, who is working in Mauritania for the next three years [425DXN 1269]. The licence expires on 18 August 2018. Ahmad is a 99% SSB operator. QSL via NI5DX. [TNX 5TOJL]

**9A, CROATIA.** Members of the Radio Club Karlovac are QRV with special event call 9A70CVW during all of 2016 to celebrate the club's 70th anniversary. QSL via 9A6Z.

**A9, BAHRAIN.** Special event call sign A9110RR is QRV until the end of the year to celebrate the 110th anniversary of the ITU Radio Regulations. QSL direct via A92AA.

**HR, HONDURAS.** Gerard, F2JD is QRV as HR5/F2JD from Copan until July 13. Activity is on the HF bands using CW, SSB and RTTY. QSL direct to F6AJA.

**DA, FEDERAL REPUBLIC OF GERMANY.** Special event station DMOMORSE is QRV during all of 2016 to commemorate the 225th birthday of Samuel F.B. Morse. QSL via bureau.

**DA - FEDERAL REPUBLIC OF GERMANY:** Special event station DLOPOLIO is QRV until May 31, 2017 to draw attention to the ongoing efforts to eradicate Polio. QSL via bureau or direct to DJ4MG. [TNX DX Newsletter]

**DL, Germany:** The DARC club from Traunstein in Bavaria (DOK C16) celebrates its 65th anniversary with the call DL65TRS (special DOK 65C15) until July 30. QSL via bureau, DG2MEL (d). <http://www.charly16.de/>

**F, France:** Robert/F5RHD is going to use the special event call TM62EURO around the European Football Championships on the following days: May 28/29, June 5, 11, 12, 18, 19, 25, 26, July 2, 3, and 8-10. On June 4 the call goes /p for the Greenparty 2016. QSL via F5RHD (d/B).

**GK Prefix in Cornwall:** Amateurs permanently located in Cornwall and on the Scilly Islands are permitted to use the letter K as part of their prefix (G3ABC would become GK3ABC, 2E0ABC would become 2K0ABC) **during 2016** in order to mark the official recognition of the Cornish as a national minority. There will also be an award available. <http://gb2gm.org/>

**OM, Slovak Republic:** Special event station OM41KYSUCE operates around the 41st ARDF Championship "Kysucky pohar" (July 29-31). QRV between June 1 and August 31. QSL via OM3CND. <http://40-kysucacup.webnode.sk/>

**TA, TURKEY.** A number of operators will be QRV as TC2016EX-PO and TX2016ANT from April 23 to October 30 during EXPO 2016 hosted in Antalya. QSL both calls via TA4ED.

**TY, BENIN.** Nicolas, F8FQX is QRV as TY2SN for the next three years. Activity is on the HF bands using CW and SSB. QSL direct via IZ1BZV.

**UA, Russia:** R4500 celebrates the 450th jubilee of the city Orel between June 5 and Sept. 5. QRV on HF on CW, SSB, and digital modes. QSL via R2EA, OQRS. <https://hamlog.ru/awards/r3e/orel450/>

**VU, INDIA.** Dani, EA4ATI is now stationed in India for the next two years, and expects to be soon QRV as VU3WDN. QSL via EA4CWN. [TNX EA4CWN]

**Pirates on the Air**

**1A0KM Pirate:** Sergio/IKOFTA alerts the DX community that the callsign 1A0KM has been abused recently several times by unauthorized slims. He reminds us that all official activities will be announced on 1A0KM's entry on qrz.com via DX bulletins.



**IOTA News**

**Changes in the IOTA Programme: Effective 1st of June 2016:**

- all certificates will be mailed electronically from now on; there will be no more paper certificates,
- VHF/UHF contacts no longer count automatically for the standard category of application,
- charges have been increased and their structure has been simplified; the fee for the basic (IOTA 100) certificate will now be charged separately from the registration fee (Annex B),
- IOTA groups are now considered "rare" with a confirmation rate of 20% (previously 15%) or less,
- more changes are to be expected once the paperless QSLing system is fully implemented.

**AS-007 - JA,** Japan: Special event station 8J2UMI operates from Umi Festa Higashimikawa (AS-007) between May 28 and July 31. QSL via bureau.

**AF-049 - 3B8** - Robert, M0RCX will be active again as 3B8/M0RCX from Mauritius Island (AF-049) from 16 June to 14 July. He will operate 40-6 metres SSB, RTTY, PSK, JT65-HF and occasionally ROS. QSL via EB7DX, LoTW and eQSL. [TNX rsgbiota.org]

**EU-011 - G** - Dominic, M1KTA will be active as MK1KTA from St Agnes, Isles of Scilly (EU-011) from 29 July to 1 August. During the IOTA Contest he will be signing MK1K. QSL via M1KTA, direct or

**This month's bulletin was made possible with information provided by NC1L, QRZ DX, The Weekly DX, The OPDX Bulletin, 425 DX News, The Daily DX, DXNL, Contest Corral from QST, the ARRL Contest Calendar and WA7BNM web sites. Thanks to all.**

bureau; logsearch and OQRS on Club Log. [TNX rsgbiota.org]

**EU-023 - 9H** - Five operators (IT9BTI, JA3FVJ, JA3QWN, JA3TJA and JH3FUK) will be active holiday style as 9H3G from Malta (EU-023) from 28 June to 4 July. They will operate CW, SSB, RTTY and PSK on 40-10 metres. QSL via JH3FUK, logsearch and OQRS on Club Log. [TNX NG3K]

**EU-052 - SV** - Dave, GMOLVI will be active as SV8/GMOLVI/p from the island of Zakynthos (EU-052) from 17 June to 6 July. QSL via home call, direct or bureau. [TNX rsgbiota.org]

**EU-054 - I** - Look for Giovanni, IF9/IU2HDO to be active from Favignana Island (EU-054) from 3 June to 1 July. QSL via home call, direct or bureau. [TNX rsgbiota.org]

**EU-065 - F** - Christophe, F4ELI and Andy, F4ELK will be active as TM65EU from IOTA group EU-065 on 1-3 July. Plans are to operate from five different islands: on Friday afternoon Beniguet (DIFM AT-003), on Saturday Balanec (AT-038) in the morning and Trielen (AT-040) in the afternoon, on Sunday Ledenez Vraz (AT-042) in the morning and Litiri (AT-041) in the afternoon. They will operate SSB on 40 and 20 metres. QSL via F4ELK, direct or bureau.

**EU-120 - G** - A team from the South Bristol Amateur Radio Club ([www.sbarc.co.uk](http://www.sbarc.co.uk)) will be active as GB2BLE from Lundy Island (EU-120) from 26 June to 1 July. QSL via the RSGB bureau.

**EU-123 - GM** - A team of seven operators will participate in the IOTA Contest (30-31 July) as GM5TO from the Isle of Arran (EU-123). Outside the contest, from 28 July to 1 August, they will be signing GM2AS. QSL for both callsigns via G3PHO. [TNX OPDX Bulletin]

**EU-128; DL**, Schleswig-Holstein State East group: Stefan/DF8HS operates from Fehmarn between June 6 and July 4. QSL via bureau.

**EU-170 - 9A** - Kary, HA9MDN will be active as 9A/HA9MDN from Vir Island (EU-170) from 23 July to 3 August, including an entry in the IOTA Contest. He will operate SSB and digital modes. Side trips to Pag and Dugi Otok (both counts for EU-170) are being considered. QSL via bureau to home call and eQSL.

**NA-021 - 8P** - Rich, KE1B and Anna, W6NN will be active as 8P6MM and 8P6NN from Barbados (NA-021) on 11-16 July. They will operate all modes on 40-10 metres. QSL via home calls (direct or bureau), LoTW and eQSL. Logsearch and OQRS on Club Log.

**NA-025 - J8** - Rich, KE1B and Anna, W6NN will be active as J8/KE1B and J8/W6NN from Bequia Island (NA-025) on 4-10 July. They will operate all modes on 40-10 metres. QSL via home calls (direct or bureau), LoTW and eQSL. Logsearch and OQRS on Club Log. During the IARU HF World Championship (9-10 July) they will operate as J87HQ as the IARU HQ station for the St. Vincent & the Grenadines Amateur Radio Club (SVGARC) multiplier. QSL via KE1B, Club Log's OQRS, LoTW and eQSL.

**NA-113 - C6** - Pete, VE3IKV will be active again as C6AUX from Mayaguana (NA-113), Bahamas from 23 June to 8 July. He will operate CW and SSB on 6 metres and "possibly some HF". QSL via home call, direct only. [TNX NG3K]

**NA-146 - FJ** - Dave, W9DR and Tom, W9AEB will be active as FJ/W9DR and FJ/W9AEB from St Barthelemy (NA-146) on 17-29 June. FJ/W9AEB will operate CW and SSB on 40-10 metres, while FJ/W9DR will be QRV on 6 metres only (50.115 MHz CW and SSB, beacon on 50.115,7 Mhz). QSL via home calls. [TNX NG3K]

**OC-035 - YJ** - Geoff, ZL3GA will be active again as YJOGA from Efate (OC-035), Vanuatu on 7-14 July. QSL via home call, direct or bureau (OQRS on Club Log), and LoTW.

## Contests & QSO Parties

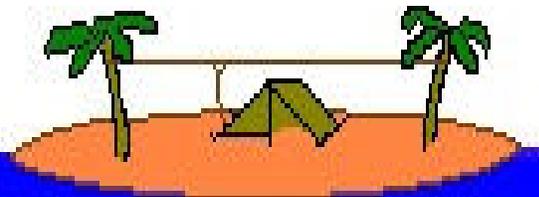
For more details and information, go to:

<http://www.hornucopia.com/contestcal/contestcal.html>

- 1 RAC Canada Day Contest
- 1 NCCC RTTY Sprint
- 1 NCCC Sprint
- 2 FISTS Summer Slow Speed Sprint
- 2-3 Venezuelan Ind. Day Contest
- 2-3 Marconi Memorial HF Contest
- 2-3 Original QRP Contest
- 2-3 PODXS 070 Club 40m Firecracker Sprint
- 3 DL-DX RTTY Contest
- 3 DARC 10-Meter Digital Contest
- 4 RSGB 80m Club Championship, CW
- 4-10 10-10 Int. Spirit of 76 QSO Party
- 5 ARS Spartan Sprint
- 6 Phone Fray
- 6-7 CWops Mini-CWT Test
- 7 NRAU 10m Activity Contest
- 8 NCCC RTTY Sprint
- 8 NCCC Sprint
- 9 FISTS Summer Sprint
- 9-10 SKCC Weekend Sprintathon
- 9-10 IARU HF World Championship



- 10 CQC Great Colorado Gold Rush
- 13 Phone Fray
- 13 RSGB 80m Club Championship, SSB
- 13-14 CWops Mini-CWT Test
- 15 NCCC RTTY Sprint
- 15 NCCC Sprint
- 16 Russian Radio Team Championship
- 16 Trans-Tasman Low-Bands Challenge
- 16 Feld Hell Sprint
- 16-17 DMC RTTY Contest
- 16-17 CQ Worldwide VHF Contest
- 16-17 North American QSO Party, RTTY**
- 17 RSGB Low Power Contest
- 20 Run for the Bacon QRP Contest
- 20 Phone Fray
- 20-21 CWops Mini-CWT Test
- 21 NAQCC CW Sprint
- 21 RSGB 80m Club Championship, Data
- 22 NCCC RTTY Sprint
- 22 NCCC Sprint
- 27 Phone Fray
- 27-28 CWops Mini-CWT Test
- 29 NCCC RTTY Sprint
- 29 NCCC Sprint
- 30-31 RSGB IOTA Contest**



**\*Deadline for newsletter articles is the 20th of the preceding month of publication.**

## Calendar of Holidays and Local Events

### July

- 1 PVARC Club Meeting
- 1 Friday Luncheon
- 3 Page County ARES Net [146.55 Simplex]
- 4 **FOURTH OF JULY**
- 4 Old Dominion Emergency Net [3.947 KHz]
- 4 Rockingham County ARES Net [Simplex]
- 5 VARA Club Meeting
- 7 MARA Club Meeting
- 8 Friday Luncheon
- 10 Page County ARES Net [146.625, PL 131.8]
- 11 Rockingham County ARES Net
- 14 Augusta County ARES Net (146.850 , PL 131.8)
- 15 Friday Luncheon
- 17 Page County ARES Net [146.625, PL 131.8]
- 18 Old Dominion Emergency Net [3.947 KHz]
- 18 Rockingham County ARES Net
- 20 **Deadline for August newsletter submission\***
- 22 Friday Luncheon
- 24 Page County ARES Net [146.625, PL 131.8]
- 25 Rockingham County ARES Net
- 29 Friday Luncheon
- 31 Page County ARES Net [146.625, PL 131.8]

### August

- 1 Rockingham County ARES Net [Simplex]
- 1 Old Dominion Emergency Net [3.947 KHz]
- 2 VARA Club Meeting
- 4 MARA Club Meeting
- 5 PVARC Club Meeting
- 5 Friday Luncheon
- 6 Mt. Momma Bike Ride
- 7 Page County ARES Net [146.55 Simplex]
- 8 Rockingham County ARES Net [Simplex]
- 11 Augusta County ARES Net (146.850 , PL 131.8)
- 12 Friday Luncheon
- 14 Page County ARES Net [146.625, PL 131.8]
- 15 Rockingham County ARES Net
- 15 Old Dominion Emergency Net [3.947 KHz]
- 19 Friday Luncheon
- 20 **Deadline for September newsletter submission\***
- 21 Page County ARES Net [146.625, PL 131.8]
- 22 Rockingham County ARES Net
- 26 Friday Luncheon
- 28 Page County ARES Net [146.625, PL 131.8]
- 29 Rockingham County ARES Net
- 31 First Day of School



### VE News (No, we're not talking about Canada)

Thanks to those who helped with the June testing.

Gerald Nauman , kn4fm

Ray Richie, k4nra

Robert VanFossen ,k3djg

James Lehman, w4pol

Hugh Pettis, k3ec

Teri Henderson, kt4ou

Our next session will be August 13 2016 see you there.

GAYLE , KU4XN



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.

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.

## Club Information

### MASSANUTTEN AMATEUR RADIO ASSOCIATION, Inc.

**President:** Andrew Pearson, N4RCE  
**Vice President:** Bryan Daniels, K4RMY  
**Secretary:** Herb Slade, AA2BF  
**Treasurer:** Foster Farone, WF40  
**Board (exp 2017):** James Franklin, W4SIU  
**Board (exp 2016):** Bob Steere, N1QEQ

<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:** Ed Varner, N4EDI  
**Secretary:** David Tanks, AD4TJ  
**Treasurer:** Greg Czerniak, W4GRC

<http://w4xd.com>

VARA meets the first Tuesday of each month at the Hometown Grill & Buffet off Richmond Road in Staunton, Virginia

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

**Visitors are always welcome**

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

VARA, Greg Czerniak  
418 Oriole St.  
Staunton, VA 24401-1661

### PAGE VALLEY AMATEUR RADIO CLUB

**President:** Tim Ramey, AK4CJ  
**Vice President:** Morgan Phenix, K4RHD  
**Secretary:** John Spillman, KT4CB  
**Treasurer:** Juergen Lunkowitz, W3LUV  
**Board Member (exp 2016):** Zory Glaser, KB3VQC  
**Board Member (exp 2017):** Gary Fischer, K6OZ

<http://www.k4pmh.org>

PVARC meets the first Friday of each month at the Page County Sheriff's Training Room in Luray, VA.

The meeting begins at 6:30 pm

**Visitors are always welcome.**

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

PVARC  
PO Box 245  
Luray VA 22835-0245

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. Contact your respective club officers for more information.

Articles in the Monitor may be quoted with attribution. Being a publication of an IRS 501(c)3 educational organization, the Monitor may occasionally use copyrighted material under the Fair Use Provisions of copyright law.

Copyright notices must be respected.

## **MARA/VARA/PVARC**

c/o John Spillman  
168 Bosley Drive Ext.  
Stanley, VA 22851

Phone: 540-860-1332

Email: kt4cbva@gmail.com

---

**Return Service Requested**

---

---

**MARA**

**VARA**

**PVARC**

---