THE MONITOR

September 2015

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

VARA Meeting: September 1st

The **Valley Amateur Radio Association, will hold its September 1st 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: September 3rd

The Massanutten Amateur Radio Association, Inc., will hold its monthly meeting on Thursday, **September 3rd** at the Wood Grill on Reservoir Street in Harrisonburg. Dinner starts at 6:30 p.m. Meeting starts at 7:30 PM. ***Come and enjoy the camaraderie of fellow amateurs and their families and bring a guest, all are welcome.***
The program for the evening will be presented by Jim Lehman, entitled: ***The thin thread of ham radio in the 1920s.***

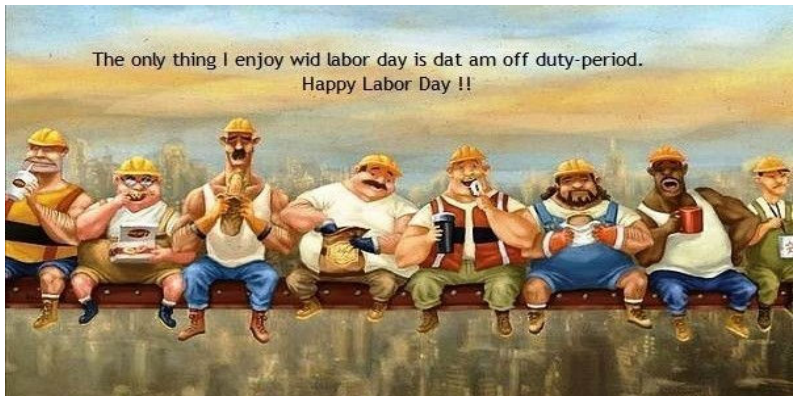
PVARC Meeting: September 11th

Because of the Labor Day weekend, the meeting was moved to September 11th, same time.

The **Page Valley Amateur Radio Club** will hold its regular meeting on **September 11th** at 6:30pm at the Page County Sheriff's Training Room in Luray. All hams and their guests are invited.

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.



MARA Presidents Letter

One of the areas where hams can contribute to their community while "playing" with their radios is by taking part in public service events. September and October is a busy time for local hams with several (six that I am aware of) public service events in this area that give hams an opportunity to get out of the house and assist with communications. These events also give us an opportunity to practice for emergency events and, in some cases, are in remote areas where ham radio is the only options for communications. All of the events require a mobile transmitter with a good antenna in order to communicate with net control.

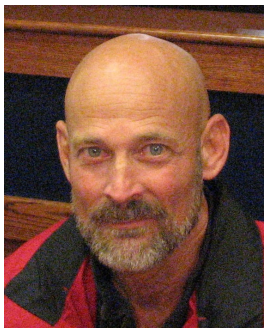
I would like to encourage anyone that has not participated in at least one of these events in resent years to join in this year. If you don't have the equipment or would like to observe what takes place, join someone that is helping. Notice that the weekend of October 2-4 has three events, and a lot of help is needed for these events.

Here is a list of the events that I am aware of and a contact if known:
Sept. 9: Shenandoah Mountain 100, a 100 mile bike race, contact ki4rit@gmail.com
Sept. 19: Bike Shenandoah, a fund raising bike ride in Rockingham county, contact kn4fm@arrl.net
Oct. 2-4: Grindstone 100, a 100 mile foot race, contact ?
Oct. 3, 4: Motorcycle ride in Augusta, Rockingham counties and nearby WV, contact ?
Oct. 4: Camp Still Meadows horse ride, contact k4nraham@gmail.com
Oct. 16-18: Fall Foliage Bike Festival, bike ride in Augusta county, contact ?

Gerald, KN4FM

VARA Presidents Letter

Greeting fellow HAMS!



It's been a busy summer for me and it looks like fall/winter won't be any slower. I have painted the house, built on to my deck, rearranged the shack, cleaned out the garage, worked way too many hours at work, went to a couple HAM fests, and visited the grandkids in Wisconsin and by the time you read this ,will have gone to the VARA picnic and visited the "Goat Farm" for the first time.

This fall and winter I have several community events to participate in, which I hope all of you will take some time to help out in and then of course there are the phone contests that are calling me. I also have on the schedule to install my 12m/17m beam on my tower as well as install a couple of new wire antennas on my property. Then it's a visit to my mom in Florida, promised her I would visit at least once a year and that's almost up. YIKES! Oh and did I mention that my Elmer and fellow RTTY operators are pushing for me to get into RTTY as well. At least I would have more contests to sign up for.

Well, now you are all up to date on my doings and I hope all of you had a great summer and are looking forward to a very busy fall/winter.

For those new hams out there, these community events that are coming up are a great time to get your feet wet in amateur radio operations and learn in an easy going pace with fellow hams. I hope to see you out there!

Be safe and lend a hand to someone in need.

John Keller W4ZAO

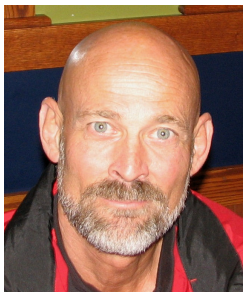
President VARA

John Keller, W4ZAO, president of VARA, has done it again!

John scored number one (#!) in the state of Virginia in the January ARRL DX SSB contest this year.

John's score of 973,182 points also placed him #4 in the Roanoke Division, and #7 in the entire fourth call area. He was the 17th highest scorer in the United States, #19 on the North American Continent, and #23 in the world.

John made 995 contacts, and had 329 multipliers. John entered the contest in the Low-Power-Assisted class.



Keep in mind that John lives in an RF hole down at the river's edge on Middle River, behind a huge hill, west of Verona. John uses wire antennas, and generally runs barefoot. This shows what a really good ham can do if he actually gets on the air and operates!

Congrats to John for putting the Shenandoah Valley on the contesting map!

Official MARA/VARA FD entry

Submitted by Sandy, K4PZC

Call Used: **W4XD** GOTA Station Call: **(none)**
ARRL/RAC Section: **VA** Class: **2A**

Participants: 59 **Club/Group Name**: Massanutten and Valley ARA

Power Source(s): Generator, Solar

Power Multiplier: 2X

Bonus Points:

100% Emergency power 200
Media Publicity 100
Set-up in Public Place 100
Information Booth 100
W1AW Field Day Message 100
Natural power QSOs completed 100
Site Visit by invited elected official 100
Site Visit by invited served agency official 100
Submitted via the Web 50
Educational activity 100

Total Bonus Points 1,050

Score Summary:

	CW	Digital	Phone	Total
Total QSOs	1077	0	1199	
Total Points	2154	0	1199	3353

Claimed Score = 6,706

Comments: (blank)

Band/Mode QSO Breakdown:

	CW		Digital		Phone	
	QSOs	Pwr(W)	QSOs	Pwr(W)	QSOs	Pwr(W)
160m						
80m	335	100			183	100
40m	455	100			550	100
20m	276	100			344	100
15m	2	100			0	
10m	9	100			40	100
6m					47	100
2m					26	100
1.25					0	
Other					9	100
Satellite					0	
GOTA					0	
TOTAL	1077		0		1199	

The Opinionated One: Qualification for Old Geezerhood — Can You Pass the Test?

Take this quick multiple choice exam to find out if you qualify as a card-carrying Old Geezer in the valley:

1. The name "Gonset" is:
(a) N4XU's real first name
(b) an old brand of radio
(c) N4YET's dump truck
(d) the ham who runs the Stokesville observatory

2. The Heathkit radios were painted teal. What colors were the manual covers?
(a) Navy Blue and Pink
(b) Green and Fuschia
(c) Orange and Black
(d) Yellow and Brown

3. "Kitty Cat" Bill's callsign at one time was found on:
a billboard on I-81
(b) Stuarts Draft High School cafeteria's menu
(c) Big Mountain repeater
(d) the VARA logo

4. "Jumpin' Zebra Colts" was sometimes called:
(a) Mole Hill Llama Farm
(b) the Dale Enterprise Weather Man
(c) "Zed Queue Willy"
(d) spark transmissions

5. "Well, my lands" used to be a favorite expression of:
(a) Paul, KD4DDI of Luray
(b) Howard Stern
(c) John, WB4KIT
(d) King George III

6. The "A" was traditionally unspoken when station identification was given by:
(a) KA9GCS
(b) AD4TJ
(c) KA4EEN
(d) WSVA

7. The term "Tiny" was used in Staunton to describe:
(a) Mrs. Rowe's portions
(b) bias in the NewsLeader
(c) WD4FOZ
(d) prices at the Bismark

8. "Bob Six" was known as:
(a) The Bergton Bopnopper
(b) "Old One Hundred"
(c) the Grottoes police chief's service revolver
(d) KE4SSG

9. The current callsign of the former KD4OXU now contains the acronym of:
(a) Fishersville's motto
(b) the state of Maine
(c) a pro-gun organization
(d) Suter's barbershop

10. The term "Heavy Dew" refers to what event?
(a) QRP Group Meetings
(b) the DX Cluster going down ... again
(c) North River Flooding
(d) Any form of precipitation at the Field Day site

11. The author of the ham licensing study manuals known as the "Bash Books" series was:
(a) Dick
(b) Elbert
(c) Clem
(d) Shorty

12. "Never Say Die" was the rallying cry (and callsign suffix) of Wayne Green, famous publisher of:
(a) Gospel sheet music
(b) the News-Virginian
(c) 73 Magazine
(d) CT Logging Software

13. A big brown flying horse was the famous symbol of:
(a) the "West Virginia Three Jiggers" Volvo kayak racks
(b) Ham Radio Callbooks

(c) Moore's Electronics
(d) Clayton Towers' QTH

14. Which name was once a well-known brand of ham radio?
(a) Henry
(b) Chuck
(c) Sylvester

15.The retired Bridgewater police chief & ham is also:
(a) a Sports Illustrated swimsuit model
(b) Condoleezza Rice's secret half-brother
(c) an accomplished steel guitarist
(d) the Elkton mayor

16. Which restaurant has never been a meeting location for MARA?
(a) Western Sizzler
(b) Golden Corral
(c) Evers
(d) L&S Diner

17. The 147.315 repeater was at one time located on:
(a) the Rockingham County Courthouse
(b) Massanutten Peak
(c) KC4HYO's camper
(d) JMU's Wilson Hall

18. The "Bob's Knob Bash" was famous for all of the following EXCEPT:
(a) Albino Grouse
(b) The "Two-Seater"
(c) "Gavid's Buffet"
(d) A big Bean Kettle

19. KU4XN and KN4CB both are famous for having:
(a) served as officers of both MARA and VARA
(b) been trustees and operators of a dozen 220 & 440 repeaters across four states
(c) fathered children by Whitney Houston
(d) put in many hours as the valley's VE exam session coordinators

20. The term "AX.25" is most closely associated with:
(a) W3MMC's favorite drink
(b) the Bill Gaither Trio
(c) Kathy's bread pudding
(d) K4PZC's innovative accounting practices
(e) Packet Radio

21.The "Russian Woodpecker" was often found on:
(a) Candid Comment
(b) the HF Ham bands
(c) the food pages of the Daily News-Record
(d) W4LIG's truck grille

22. The term "Conditional" referred to:
(a) the class of K4RBZ's first ham radio license
(b) Bob Van Fossen's membership in MARA
(c) WA4FJC's pension
(d) K4EME's graduation from Buffalo Gap High School

23. To get into the Brass Pounder's League, a ham must:
(a) kerchunk the "625" machine at least 75 times
(b) light the Field Day fire
(c) visit Bayse, Wilda, and Swoope, all on a single tank of gas
(d) be really good at CW

24.The famous "Wouff Hong" is used on :
(a) Lids
(b) the "895" machine
(c) Charlie Garner's car
(d) Monday sessions of the Virginia Fone Net

25. Which of the following is the youngest, in terms of physical age?
(a) Ken, K8KMM
(b) Matthew, KD4UPL
(c) Jeff, W4PJW
(d) Joe, KD4FKT
(e) Don, WX4C

26.The "Drake Twins" are:
(a) old radios
(b) Mary Kate and Ashley
(c) John N3JN and Al N3JB
(d) references to KD9LA's tummy profile

For answers, and scoring, turn to page 20.

From The Monitor, September 2006, p 5

The Shenandoah Mountain 100 bicycle Race

The Shenandoah Mountain 100 bicycle Race will take place all day **Sunday September 19th.** Ham radio help is needed for the aid stations. They are expecting over 600 racers to leave from the Stokesville Campground (where we had Field Day this year) early Sunday morning and finishing around dark that evening.

The course will be very similar to what we are accustomed to for the Grindstone 100 with aid stations at Braley Pond, Dowells Draft, Todd Lake and near Reddish Knob etc. As you can see - there will be no cell phone coverage so ham radio plays a very important integral part of this activity. They will have the same ham radio doctor who covers the Grindstone. He will be dispatched as necessary by his 2 meter radio communicating with the aid stations and net control.

The ham radio part of this activity will be coordinated by Richard Watson KI4RIT from Lynchburg. If you can help any part of the day contact Richard by sending an email to ki4rit@gmail.com Be sure to tell Richard of any limitations you have regarding your time available etc.

Previous EXPERIENCE is NOT necessary - if you are a new ham, this is a good way to get involved. You will be given information, directions and instructions by Richard.

Send Richard an email to volunteer and he promises to give us more "heads-up" time next year. He says he can use about 7 or 8 volunteers. If you have already told me personally that you can help then please also send Richard an email. I have not given him any names at all.
EMAIL TO: ki4rit@gmail.com

Information about the ride is available at bikeshenandoah.org. I need three more individuals to help at two of the rest stops, the assignments should last 3 hours maximum.
Keep in mind that we are Not doing this for Chris or the Campground or for $$ - we are doing this for the Riders who may need medical emergency assistance.
For details, contact *kn4fm@arrl.net*
Jeff

Jeffrey M. Rinehart W4PJW
e-mail: W4PJW@arrl.net
540 294-0976 (Jeff cell)

Shenandoah 500 Motorcycle Race

The upcoming Shenandoah 500 motorcycle event is on the **3rd and 4th of October**.

The Washington Area Trail Riders (WATR) agreed to donate preloaded gas credit cards to be used by those that support this event.

I'm the WATR POC for radio support and hope that MARA again provides operators for this event.

As last year, there will be two rides each day; the regular dual sport event and the "adventure" route for the bigger motorcycles.

I'll be pre-riding the adventure route in the next week or so to see if there are any issues with the 420 miles!

Anyone wanting to join me should email or call me at 540-842-1153.

I may be camping out for two nights during the pre-ride unless I find some affordable other place near Mt. Solon.

Dave, N4WDC

Papal Visit and Special Event

Pope Francis visits the United States September 22 – 27 and amateur radio will be part of the celebration. Throughout the 6 day event (**September 23 0000Z – September 28 0000Z)** 6 special event amateur radio stations will be on the air to commemorate the event. Call signs from the Washington, DC area will be K3P and N4P. From New York and New Jersey the call will be K2P. W3FRC/WMF will be on the air from southeastern Pennsylvania and W3P will be on the air in Philadelphia. WM3PEN, also of Philadelphia, will join in Thursday evening at 8 PM EST (Friday 0000 GMT). Four unique qsl cards will be available along with a certificate to mark this special and historic event. A website is being established for QSL and certificate information. Early information and links can be found on the WM3PEN qrz.com website.

The Washington, DC operations are being coordinated by the Jim Nitzberg, WX3B of the Potomac Valley Radio Club (pvrc.org). The southeastern Pennsylvania and New Jersey operations are under the direction of Ron Sigismonti, N3RS of the Frankford Radio Club (gofrc.org). The New York activity is being coordinated by John Melfi, W2HCB of the Great South Bay Amateur Radio Club (gsbarc.org). W3P efforts on the air are being coordinated by Joe Leone, KA3LKM (qrz.com/db/w3p). WM3PEN operations are being coordinated by Bob Josuweit, WA3PZO, and the Holmesburg Amateur Radio Club (harcnet.org).

We are privileged to be able to represent our region of the USA via Amateur Radio. Every three years there is a World Meeting of Families. In 2012 amateur radio operators in Italy had the call II2POPE on the air. This year amateur radio operators in 5 states will be on the air to commemorate the event. This year with the World Meeting of Families in Philadelphia and the second time a Pope has visited Philadelphia, Ron Sigismonti, says having several special event stations on the air by members of a club that originated in Philadelphia, then expanded to encompass the entire region out to 175 miles of Philadelphia; another club whose members will be on the air in the same section of Philadelphia that the Pope is visiting; and another group of Philadelphia operators who are excited about the World Meeting of Families being held in the City will really make this a special event. Additionally, operations from the Greater Washington, D.C. metropolitan area, metropolitan New York City, and parts of New Jersey will encompass the entire region visited by Pope Francis in the United States. It will allow those who can't be in the various cities that he is visiting to participate in this event by talking to those who are. In essence this will be a world family meeting of amateur radio operators.

The Pope arrives at Joint Base Andrews on September 22 and begins his visit in Washington, D.C. with a meeting with President Obama on Wednesday, September 23. He delivers a speech to a joint session of Congress on Thursday, September 24. On Friday he attends a meeting of the United Nations General Assembly in New York and participates in a multi-religious service at the 9/11 Memorial and Museum at the World Trade Center. On Saturday he gives a speech at Independence Hall in Philadelphia and concludes his visit to the U.S. with an outdoor mass in front of the Philadelphia Museum of Art on Sunday, September 27.

W4SIU, Jim Franklin

W8HGH, Bob Dixon

WA4FJC, Gordon Batey

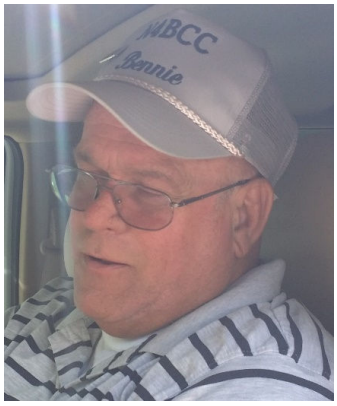
WX4CPL, Carol and WX4C, Don Landes

N4EDI, Ed Varner

W4QDC, Jay Suter and XYL

W4IIV, Steve Grant

N3GLZ, John Lasher

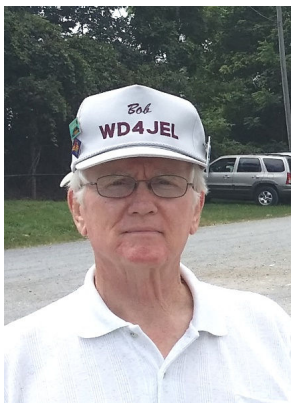


N4BCC, Bennie Cook, Jr.

N4EYZ, Wayne Boyer

N4YSA, Mark Hensley

KK4OLY, George Collins



WD4JEL, Bob Carlstrom

W4JQT, Ken Anderson

N4WDC, Dave Collins

Berryville was great this year, attendance was up, tailgating was up, the weather was absolutely perfect, and there was actually a lot of really good stuff for sale or trade this year. **Dave Fordham, KD9LA**

KI4YNA, John Piotrowksi

KC4HYT, Pamela Wilkins and K4DJG, Bob VanFossen

KC4HYT, Pamela and KR4V, Richard Wilkins

KE4HVR, Ray Colvin

KB4OLM, Clint Campbell

KG4JBC

AD4TJ, Dave Tanks

K3JRR, Larry Harrison

KD9LA, Dave Fordham

K4RBZ, Gerald Brunk W4PFM, Paul Wyse and WS6X, Jim Clymer

KD4WWF, Harold Smiley and KE4CKJ, Scott Fielding

ARRL and FEMA Courses for ARES Volunteers

Bryan, K4RMY

This is a quick overview of the classes available for ARES volunteers provided by the ARRL and FEMA. In recent years there has been increased discussion of having ARES volunteers certified before they are allowed to participate in an actual emergency. Although there is currently no requirement nationally, some states and localities are creating ARES certification levels based on training, participation in public service events and various certifications such as those listed below. It is hoped the following information will be useful to those who would consider gaining certifications and/or joining ARES as active participants

ARRL Courses :

Introduction to Emergency Communication (EC-001)-Course #: EC-001

Cost: Members $50 Non-Members/ Guests: $85

Description. This course is designed to provide basic knowledge and tools for any emergency communications volunteer. The course has 6 sections with 29 lesson topics. It includes required student activities, a 35-question final assessment and is expected to take approximately 45 hours to complete over a 9-week period. You will have access to the course platform at any time of day during this 9-week period so you may work according to your own schedule. You must pace yourself to be sure you complete all the required material in the allotted time.

Public Service and Emergency Communications Management for Radio Amateurs (EC-016)-Course #: EC-016
Cost: Free

Description. This course is designed to train licensed Amateur Radio operators who will be in leadership and managerial roles organizing other volunteers to support public service activities and communications emergencies. In this course you will learn how radio amateurs prepare and organize to support local community events, and, working in coordination with governmental and other emergency response organizations, deploy their services to provide communications when needed in an emergency.

Prerequisites. Before you begin the course you should have completed the following prerequisites. These courses provide a foundation for the content of this course.

ARRL Amateur Radio Emergency Communications Level 1/ Basic (EC-001) Skywarn Training

And the following Federal Emergency Management Association (FEMA) courses: ·
IS-100.b/ ICS-100 Introduction to Incident Command System ·
IS-200.b- ICS-200 for Single Incidents and Initial Action Incidents ·
IS-700.b NIMS: An Introduction
IS-800.b National Response Framework

Throughout this course you will find additional FEMA courses that are referenced as preparation for topics within the course. The additional courses required are within the FEMA Professional Development Series, which includes the following:

IS-120.a An Introduction to Exercises
IS-230.b Fundamentals of Emergency Management
IS-235.b Emergency Planning

IS-240.a Leadership & Influence ·
IS-241.a Decision Making & Problem Solving
IS-242.a Effective Communication
IS-244.a Developing and Managing Volunteers

The following courses are recommended but not required:
IS-1 Emergency Manager: An Orientation to the Position
IS-250.a Emergency Support Function 15 (ESF 15) External Affairs: A New Approach to Emergency Communication and Information Distribution

PR-101: ARRL Public Relations (EC-015)-Course #: EC-015

This is a basic training course for PIOs and anyone interacting with the media and promoting Amateur Radio. This course is designed to give hams a quick overview in public relations activities. It uses the skills of experts in various aspects of public relations to provide volunteer Public Information Officers with the basic skills and expectations that a PIO needs to know to be effective in their home region. PR-101 covers everything from the basic news release to Web sites and video work.

This course is available--free!-- online, or can be purchased in CD format from the ARRL store.
Please see the following for more detailed information about these classes listed above.
http://www.arrl.org/online-course-catalog

FEMA Courses:

The ARRL has a Memorandum of Understanding(MOU) with FEMA. All ARES volunteers are encouraged to take the following 4 classes to become familiar with the Incident Command System (ICS) and National Incident Management System (NIMS).
There is increasing pressure on ARES volunteers to have these certifications when working with a local emergency organization or FEMA during an emergency situation.

It is recommended that before you actually login to the following classes you down load the provided materials for each class and study them. This will facilitate your quickly moving through the online course to get to the exam and your certificate. Once you pass the exam you download and print out your certificate for each class.

ICS 100b: Introduction to Incident Command System

ICS 100, Introduction to the Incident Command System, introduces the Incident Command System (ICS) and provides the foundation for higher level ICS training. This course describes the history, features and principles, and organizational structure of the Incident Command System. It also explains the relationship between ICS and the National Incident Management System (NIMS).
Course Length 3 Hours
http://training.fema.gov/is/courseoverview.aspx?code=is-100.b

ICS 200b: ICS for Single Resources and Initial Action Incidents

ICS 200 is designed to enable personnel to operate efficiently during an incident or event within the Incident Command System (ICS). ICS-200 provides training on and resources for personnel who are likely to assume a supervisory position within the ICS.
Course Length 3 Hours
http://training.fema.gov/is/courseoverview.aspx?code=is-200.b

ARRL and FEMA Courses for ARES Volunteers (continued)

ICS 700a:National Incident Management System (NIMS) An Introduction

This course introduces and overviews the National Incident Management System (NIMS). NIMS provides a consistent nationwide template to enable all government, private-sector, and nongovernmental organizations to work together during domestic incidents.
Course Length 3 Hours
http://training.fema.gov/is/courseoverview.aspx?code=is-700.a

ICS 800b:National Response Framework, An Introduction

The course introduces participants to the concepts and principles of the National Response Framework.
Course Length 3 Hours
http://training.fema.gov/is/courseoverview.aspx?code=is-800.b

Editors note: The PDF is included in this mailing. For those of you that receive the paper copies and would like this article in PDF format, contact Bryan Daniels, K4RMY. <k4rmy@comcast.net>

MARA Treasurer's Report

MARA Treasurer's Report July 21, 2015 – Aug 20, 2015

Beginning Balance July 20, 2015 (Last Report)			$ 2,047.32
Add:	August 50/50	9.00	
	New Membership (1)	12.00	
	Donation (Town of Bridgewater)	$ 300.00	
	Total Deposits		$ 321.00
Less:	2015 Field Day Expense	$ -51.34	
	US Postal Service – 1 Yr Box Rental	-66.00	
	Bank Fee (July)	-16.00	
	SVEC (July)	_ -21.16	
	Total Disbursements		$ -154.50
Ending Balance as of August 20, 2015			$ 2,213.82

Submitted by **Sheryl Tonini, KJ4DOC**, MARA Treasurer

MARA Secretary's Report

MARA Secretary's Report– August6, 2015

Meeting called to order at Wood Grill, Harrisonburg, by President **Gerald Nauman, KN4FM**, at 7:37 p.m. 22 members and 4 guests were present. Introductions were made all around.

New Members: None

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

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

Committee Reports:

ARES: On August 3 **Bryan Daniels, K4RMY**, and **Gerald Nauman, KN4FM**, received training with the EOC cache team, conducted by EOC Director **Jim Junkins, W4JLJ.**

Bryan also reported that the recent Reddish Knob and Skyline Drive Net was very active on 2 meters and 440 MHz, with many check-ins.

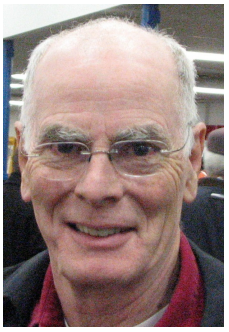
Repeaters: Bryan further reported that the 145.130 repeater suddenly started working very well, two Sundays prior to this meeting*!*

Volunteer Examiner (VE) Committee: Gayle Shull, KU4XN, reminded us that the next VE session will be 9:00 a.m. Saturday, August 8, at Woodmen of the World, Dayton.

Public Service: Gayle Shull expressed his appreciation to those who helped with directing traffic at the July 17/18 Bridgewater Lawn Party.
Bike Shenandoah will be September 19. Because of a number of other activities in that time frame, a motion was passed to decline, if asked to participate.

Announcements: Ann Steere (wife of Bob Steere, N1QEQ) passed away on Monday, August 3. Her funeral will be held at 11 a.m. at Asbury United Methodist Church, Harrisonburg, on Saturday, August 7. Family will receive friends at Kyger Funeral Home, Rt. 33 east of H'burg on Friday the 6th, between 6 & 8 p.m.

The Shelby (N.C., big) hamfest will be held Saturday and Sunday, September 5 and 6th. The ARRL Roanoke Convention is the same weekend.



David Fordham, (KD9LA), has updated the **MARA.WS** website.

Old Business:

Club Clothing: Bryan Daniels updated info on club polo shirts: About $8 for a good cotton collared polo shirt (~$6 for a cheaper cotton shirt), + ~$8 for outlined, embroidered logo, + $3 if logo fully embroidered. Suggestions were made that a professional look, with the full logo embroidery, would be preferable. Also suggested was that MARA could pay the $40 setup charge for the collection of polo shirts we order of the same design. **David Fordham, KD9LA,** moved that we order the more expensive Polo shirt (~$16 - $18), color "sand", with the "maximum detail" embroidered logo, with red detail on a white background. As part of the motion, the club will pay the total cost for the initial order, with individuals paying up front. The motion was passed.

New Business: Gerald Nauman and David Fordham were appointed as the 2015 Nominating Committee. Election of club officers will take place at the October **MARA** meeting.

The Shenandoah Bike Ride will be held the 1st weekend in October, the 3rd and 4th. In lieu of a donation, the sponsors offer to reimburse volunteers' expenses with gas cards. It was noted by **Gayle Shull, KU4XN**, that the Big Meadows Horse Ride is on the same weekend.

50/50 Drawing: $18 collected, with $9.00 won by **Pete Fundinger, AA4PF**, who donated his share to the club. $18 went to the MARA Treasury.

Motion to adjourn: Passed at 8:39 p.m.

Program: Bryan Daniels, K4RMY, spoke at length about Certification for ARES, including what ICS and ARRL classes are required. Bryan plans to submit an article on the details in this issue of the Monitor.

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

VARA Secretary's Report

The **Valley Amateur Radio Association's** August 2015 meeting was brought to order at 7:01 pm by Vice-President **Ed Varner N4EDI**. The usual introductions were made. The 50/50 drawing was held; the winner of $10.00 was **Wayne Frizzelle KM4GPZ**, who graciously donated it back to the club.

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

Treasurer's Report: Greg Czerniak W4GRC, Treasurer, gave his report, and made a motion that we accept his report; seconded and approved.

The 1st reading of the application of James Williams KC5ROT was made; we voted on the applications of Ed McGuire KM4LHS and John Chevalaz KB2LOZ; they were unanimously approved. Welcome, new members!

ARES report: David, EC for Augusta County, reported that the state's ARES website is still not fully functional, so new members can't sign up there. The next Augusta County ARES net will be August 13th at 8 pm on 146.490 simplex.

Old business: **Jeff Rinehart W4PJW** on Field Day: he had talked with the owner of the campground, and he had some trees that he wanted to have taken down, and Jeff and Neal Buckingham were going there Thursday the 6th to take care of that, and if anyone wanted to help them, be there at 8:30 am.

New business: none.

Hamfests: Ed said that the Virginia Beach hamfest is coming up, September 12th at 9 am.

Contests: David reported that the North American SB QSO Party is Saturday August 15th; in addition to single operator categories, teams can compete, 2 to 5 hams making up a team. The following weekend is the Hawaii QSO Party.

Special Event stations: Thru October 31st is the Rocky Mountain National Park 100th Anniversary celebration; August 8 thru Sept. 4 is 70th anniversary of V-J Day in Europe and the USA; several lighthouse activations; the weekend of 15-16 is the 50th anniversary of the Canadian Maple Leaf flag; 21st and 22nd is the RMS Titanic Exhibition at the National Mississippi River Museum(apparently they really got lost in the fog!); also that same weekend is the 100th anniversary of the 1915 Hanover, PA tornado; the 21st thru the 29th is the 73rd anniversary of the Cubical Quad antenna; the 22nd is the 240th anniversary of Tucson, AZ; the 29th is the 125th anniversary of Casar, NC; the 29th is the 10th anniversary of hurricane's Katrina and Rita; also on the 29th is the 100th anniversary of Teton County, Idaho; and on the 30th is the 155th anniversary of the Pony Express.

Mark Bowers NM9S, recently put up a 6 meter FM repeater, on 53.41 MHz, on Afton Mountain; no PLL tone at this time. Has good coverage of the valley and to the east.

Al Bonck N3JB said that last Aug 17th he had been a ham for 67 years. Great job, Al!

With no other business to conduct the meeting was adjourned at 7:24 pm

David presented a program on " Lightning and Grounding " with help from Wayne **Bowyer N4EYZ** and Jeff.

Respectfully submitted,
David Tanks AD4TJ, VARA Secretary

Silent Keys

3 AUG: Ann Steere, wife of Bob, N1QEQ,

passed away early Monday morning at the Univ of VA Medical Center in Charlottesville, VA.
Viewing at Kyger Funeral Home, Harrisonburg, VA on Friday evening at 7.
Church service at Asbury United Methodist Church, Main St, Harrisonburg, VA at 11 AM Saturday
Internment, family plot, Lincoln Cemetery Chambersburg, PA at 11 AM Monday.

PVARC Secretary's Report

Saturday August 8, 2015

The **Page Valley Amateur Radio Club** held its regular monthly meeting at the QTH of **Partick Sprague , KE4EI** in Rileyville on Saturday August 8th. Eight members and five guests were in attendance. Introductions were made all around.

The Vice-President, **Morgan Phenix, K4RHD** brought the meeting to order at 1202Hrs.

Secretary's Report: **John, KT4CB** asked that the report as published in the ***Monitor*** be accepted . It was approved and seconded as published.

Treasurer's Report: **Paul, KK4IRS** gave the treasurer's report. It was approved and seconded as given.

Committee Reports:

Web site: **John, KT4CB** announced there was a calendar on the web site and asked the member check it out and give feedback regarding it. The member form has been changed, and the group was asked to comment on it.

Education and Training: **Morgan, K4RHD, Mark Swenson, KM4IDK** to give a presentation at Lord Faifax Community College in Winchester.

Program Committee: **Zory, KB3VQC, Morgan, K4RHD.** Zory announced the vendor lost the order for the name badges. Zory said he submitted it to him again. The brochure is coming along, nothing new to report on it at this time.

Old Business: no old business that had not been addressed by committees.

New Business: A vote on membership for Eric Evans was unanimous to accept him for membership. An open discussion for funding will be taken up at the next scheduled meeting.

With no more business to conduct, a move to adjourn the formal portion of the meeting was made and seconded at 1229Hrs.

The rest of the afternoon was occupied by excellent camaraderie and bar-b-que of hot dogs and hamburgers and all the fixin's topped off by ice cream and cake.

Respectfully submitted,

John Spillman, KT4CB PVARC Secretary

S O T A

1) Summits On The Air Weekend, 12-13 September, see the September issue of QST page 95.

I will be activating two summits that weekend and anyone is welcome to join me or activate their own summit.

I'm available for any questions or go to www.sota.org.uk or www.sotawatch.org
Dave, N4WDC

Luray Triathlon Photos

Scott Royle-KK4Z and Mike Turner-K4MIC

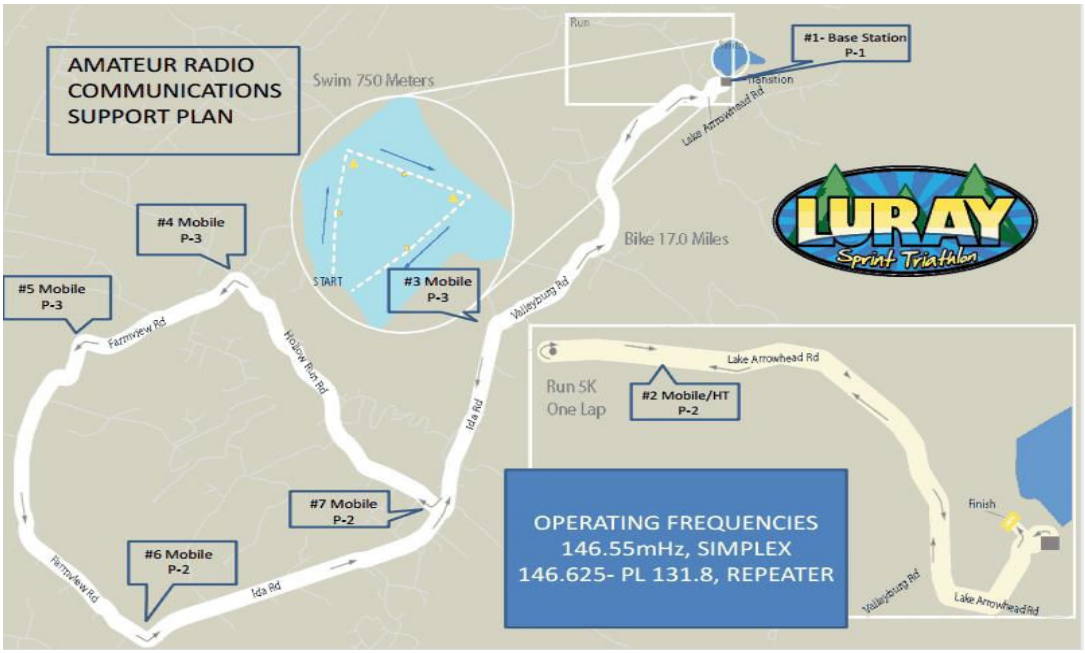
Greg Butler-KW6GB the one with the radio

Support van at the ready

Lake view

Sarah Turner Anna Sommers

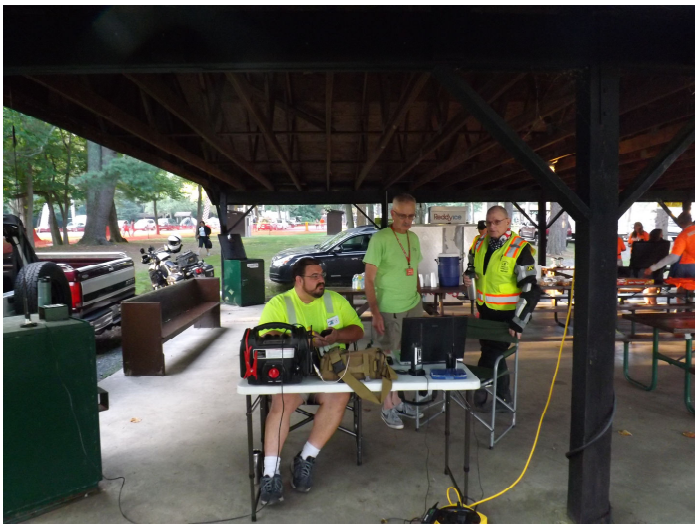
Hollow Run and Farmview ... Morgan K4RHD, the sheriff's deputy and the support van driver



Thanks to everyone for outstanding communication support at the 2015 Luray Triathlon, the organizers are more than a little impressed with the capabilities of the Amateur Radio communication provided by the Page ARES, with support from Warren County ARES and from District 1 Emergency Coordinator Greg Butler-KW6GB! We had a total of 43 man-hours for this event.

Mark, N4YSA

overlooking Lake Arrowhead ...Mark N4YSA and Greg, KW6GB, District 1 DEC



net control station ... Mike K4MIC, Mark N4YSA, Patrick KE4EI

How's DX

LZ - Bulgaria: The Bulgarian Radio Club Blagovestnik (LZ1KCP) offers a new All Saints 2015 award, honouring Bulgarian Saints with the following special event calls:

January - LZ290MB	February - LZ550SI
March - LZ386SKI	April- LZ883PI
May - LZ102SIB	June - LZ293MA
July - LZ429PS	August - LZ250MM
September - LZ129WNLS	Oktober - LZ130SAK
November - LZ259PA	Dezember - LZ362MT

LZ290MB honours the memory of the martyr Boniface. QSL via bureau, LZ1KCP (d).

4U20B ---> Tom, 9A2AA (who is using special callsign 9A88AA until the end of the year) reports that the licence for 4U20B has been renewed **until 31 December**. This special callsign is being used by Ivo, 9A3A from the UN Global Service Center in Brindisi, Italy. QSL via 9A2AA, direct or bureau.

5H - Maurizio, IK2GZU will be active again as 5H3MB from Ilembula, Tanzania **from 13 September to 18 October**, while doing volunteer work for the local mission. QSL via IK2GZU, LoTW and eQSL. Log search and OQRS for direct and bureau cards at www.buffolipm.it/5h/qsl%20request.htm. [TNX IK2GZU]

9M2, West Malaysia: 9M10CSB celebrates the 10th anniversary of the Scout Amateur Radio Club Owerri (OFT) on the air **until October 31**. QRV on 80-6m on SSB, CW, and digital modes. QSL via 9W2VVH (d)

C5 - Pedro, ON7WP will be active again in his spare time as C5WP from The Gambia from 15 August to 1 September. During the first week he will operate from the village of Buntu, with a focus on the WARC bands, but he will also give 6m a try. He will then move to the coastal area, where he will focus on the low bands. QSL via home call, direct only. [TNX The Daily DX]

EI, Ireland: EI90IARU celebrates IARU's jubilee until the **end of the year.** QSL via EI6AL (d/B), ClubLog.

I - Celebrating the 90th anniversary of the International Amateur Radio Union, special callsign II9IARU will be in use **from 1 September to 31 December.** QSL via IW3RUA. [TNX IW3RUA]

JT - Special event station JV150ITU is active **until 31 December** from Ulaanbaatar, Mongolia to celebrate the 150th anniversary of the International Telecommunication Union. QSL via LoTW or direct to JT1CD. [TNX JT1CD] *za2ee.htm*

OK, Czech Republic: OL750CB celebrates the 750th anniversary of Ceske Budjovice on the air and with an award until the y**ear's end**. QSL via bureau, eQSL.

OM - SLOVAK REPUBLIC, Special event station OM200TC is QRV **during 2015.** QSL via operators' instructions.

S5, Slovenia: Van, S59AV, celebrates his 30 years in amateur radio with the call S530AZV until **the year's end**. QSL via S59AV (d/B).

IOTA News

EU-001 - SV5 - Volker, DL1ZB will be active as SV5/DL1ZB from Kos, Dodecanese (EU-001) from 12 August to 29 September. He will operate SSB, RTTY, SSTV and PSK63 on 20-6 metres. QSL via DL1ZB (bureau preferred), LoTW and eQSL. [TNX OPDX Bulletin]

EU-063—JW - Erik, LA2US will be working on Hopen Island (**EU-063**), Svalbard from the **first week of June for six months.** "When work and other tasks permit" he will operate CW as JW2US, Around the IOTA frequencies or at the lower band edges. QSL via LA2US (OQRS for bureau and direct cards on Club Log), LoTW and eQSL.

EU-170, 9A - Coburg DX Group members DC5WW, DF2MX, DH6TJ, DK2RO, DL8AW and DL9NBJ will be active as 9A8DXG from Pasman Island (EU-170) **on 6-15 September.** QSL via DL8AW, direct or bureau (OQRS on

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.

http://codxg.org), and LoTW. [TNX rsgbiota.org]

OC-014 E5_nc- Rob N7QT, Melanie N7BX and Grant K1ZW will be be active as E51MQT and E51MKW from Manihiki (OC-014), North Cook Islands **between 29 September and 27 October**. Activity will be on 160-10 metres CW, SSB and RTTY. [TNX DX World]

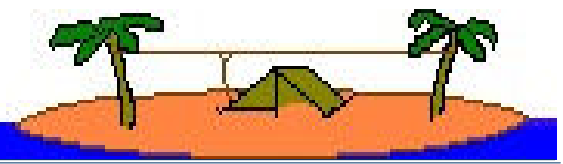
OC-078, V6, Micronesia: Lance, W7GJ, is a seasoned VHF-DXer with 50 years of operating under his belt. **From August 26 until Sept.** 3 he plans to get active as V6M from Falalop Island (OC-078, WW Loc. PK90va) on 6m and EME. QSL via W7GJ (d).http://www.bigskyspaces.com/w7gj/Micronesia2015.htm

Contests & QSO Parties

For more details and information, go to:
http://www.hornucopia.com/contestcal/contestcal.html

2 Phone Fray
2 UKEICC 80m Contest
2-3 CWops Mini-CWT Test
3 NRAU 10m Activity Contest
4 QRP Fox Hunt
4 NCCC RTTY Sprint Ladder
4 NCCC Sprint
4-6 G3ZQS Memorial Straight Key Contest
5 Russian RTTY WW Contest
5 CWOps CW Open
5 Wake-Up! QRP Sprint
5 AGCW Straight Key Party
5-6 All Asian DX Contest, Phone
5-6 ARRL EME Contest
5-6 RSGB SSB Field Day
5-6 IARU Region 1 Field Day, SSB
5-6 Colorado QSO Party
5-6 PODXS 070 Club Jay Hudak Memorial 80m Sprint
6 WAB 144 MHz QRO Phone
6 DARC 10-Meter Digital Contest

6-7 Tennessee QSO Party
7-8 MI QRP Labor Day CW Sprint
8 ARS Spartan Sprint
9 Phone Fray
9 RSGB 80m Club Sprint, SSB
9-10 CWops Mini-CWT Test
11 NCCC RTTY Sprint Ladder
11 NCCC Sprint
12 Kulikovo Polye Contest
12 FOC QSO Party
12 Ohio State Parks on the Air
12-13 WAE DX Contest, SSB
12-13 SKCC Weekend Sprintathon
12-13 Arkansas QSO Party
12-14 ARRL September VHF Contest
13 North American Sprint, CW
13 Swiss HTC QRP Sprint
16 Phone Fray
16-17 CWops Mini-CWT Test
17 NAQCC CW Sprint
18 NCCC RTTY Sprint Ladder
18 NCCC Sprint
18 AGB NEMIGA Contest
19 QRP Afield
19 Feld Hell Sprint
19-20 ARRL 10 GHz and Up Contest
19-20 SARL VHF/UHF Analogue/Digital Contest
19-20 Scandinavian Activity Contest, CW
19-20 SRT HF Contest SSB
19-20 South Carolina QSO Party
19-20 New Jersey QSO Party
19-20 Washington State Salmon Run
20 North American Sprint, RTTY
20 BARTG Sprint 75
20-23 Classic Exchange, CW
21 Run for the Bacon QRP Contest
21 144 MHz Fall Sprint
23 SKCC Sprint
23 Pirate QSO Party
23 Phone Fray
23-24 CWops Mini-CWT Test
24 RSGB 80m Club Sprint, CW
25 NCCC RTTY Sprint Ladder
25 NCCC Sprint
26 AGCW VHF/UHF Contest
26-27 CQ Worldwide DX Contest, RTTY
26-27 Maine QSO Party
26-27 Texas QSO Party
27 UBA ON Contest, 6m
27 Peanut Power QRP Sprint
27-30 Classic Exchange, Phone
29 222 MHz Fall Sprint
30 Phone Fray
30 UKEICC 80m Contest
30-11/1 -CWops Mini-CWT Test



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

Thanks to those who helped with the Aug.8th session.

GERALD NAUMAN, KN4FM
ROBERT VANFOSSEN K4DJG
BRYAN DANIELS, K4RMY
JIM LEHMAN, W4POL
E.C.SHOWALTER, KG4KUR
ELLSWORTH NEFF , K4LXG
FOSTER FARONE, WF4O

This session we had five to show for testing. We issued two technician, two general and one extra license so every one got something.

Our next testing will be held **September 12th**.with **Gayle, KU4XN** in charge 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** *gshu7411@gmail.com*

Again thanks to those who helped. We can not be of service with out their help.

Answers to Geezer Quiz (p.4)

Scoring: if you scored 23 to 26, congratulations, you are a bona-fide Old Geezer. If you scored 18 to 22, you're an old-timer, and have earned the right to tell the young whip- per-snappers about how things used to be. Less than 18, you're a young buck, you most likely are able to change the PL on your radio without the manual, and you might even know how to use Echolink!

1. B	5. A	9. C	13. B	17. B	21. B	25. B
2. D	6. A	10. D	14. A	18. C	22. A	26. A
3. C	7. C	11. A	15. C	19. D	23. D	
4. B	8. D	12. C	16. D	20. E	24. A	

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 147.225(-) 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**!

Icom IC-718, with a FL-257 SSB filter , IC-sm6 desk mic, hand mic, MFJ-993 Intellituner 300-watt automatic antenna tuner, Astron RS-20M Power supply. $500.00 firm

Contact Mark Hensley N4YSA,
n4ysa@gmx.com
or 540-578-1133

Thanks, Mark

Page County Va. ARES Frequencies

Repeaters	Simplex
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		wo4mi@arrl.net

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.

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

Calendar of Local Events

September

1 VARA Club Meeting
3 MARA Club Meeting
4 Friday Luncheon
6 Page County ARES Net [146.550 Simplex]
7 Labor Day
7 Old Dominion Emergency Net [3,947 kHz]
7 Rockingham County ARES Net [KU4XN]
9 Shenandoah Mountain 100
11 PVARC Club Meeting
11 Friday Luncheon
12 VA Beach Hamfest
12-13 Summits on the Air
13 Page County ARES Net [146.625/131.8]
14 Rockingham County ARES Net [KG4KUR]
18 Friday Luncheon
19 Bike Shenandoah
20 Page County ARES Net [146.625/131.8]
20 Deadline for October Newsletter submissions*
21 Rockingham County ARES Net [K4RBZ]
21 Old Dominion Emergency Net [3,947 kHz]
25 Friday Luncheon
27 Page County ARES Net [146.625/131.8]
28 Rockingham County ARES Net [KA4EEN]

October

1 MARA Club Meeting
2 PVARC Club Meeting
2 Friday Luncheon
2-4 Grindstone 100
3 Delaware State Convention & Hamfest
3-4 Shenandoah 500 Motorcycle Race
4 CARAfest
4 Page County ARES net [146.550 Simplex]
5 Rockingham County ARES Net [K4NRA]
5 Old Dominion Emergency Net [3,947 kHz]
6 VARA Club Meeting
9 Friday Luncheon
11 Page County ARES net [146.625/131.8]
12 Columbus Day
12 Rockingham County ARES Net [KN4FM]
16 Friday Luncheon
18 Page County ARES net [146.625/131.8]
19 Rockingham County ARES Net [K4MIC]
19 Old Dominion Emergency Net [3,947 kHz]
20 Deadline for November Newsletter submissions*
23 Friday Luncheon
23-28 POPE VISIT & Special Event
25 Page County ARES net [146.625/131.8]
26 Rockingham County ARES Net [K4RMY]
30 Friday Luncheon
31 Halloween

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.

Club Information

MASSANUTTEN AMATEUR RADIO ASSOCIATION, Inc.

President: Gerald Nauman, KN4FM
Vice President: Andrew Pearson, N4RCE
Secretary: Herb Slade, AA2BF
Treasurer: Sheryl Tonini, KJ4DOC
Board (exp 2015): Bryan Daniels, K4RMY
Board (exp 2016): Foster Farone, WF4O

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: Paul O'Sullivan, KK4IRS
Board Member: Zory Glaser, KB3VQC
Board Member: 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: 540-778-1332
Email: kt4cbva@gmail.com

Return Service Requested

MARA

VARA

PVARC