

The Monitor

Published jointly by the Valley Amateur Radio Association and the Massanutten Amateur Radio Association, in Virginia's Shenandoah Valley

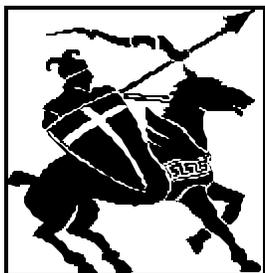
Club Christmas Parties



The **VARA** Christmas Party will be held on Tuesday, December 4th at 6:00pm at the Texas Steak House in Staunton. Note this is a change from our normal meeting location! Order from the menu when you get there. We have reserved the room to the right of the bar beginning at 6:00 pm. Come and join us for a great meal and fellowship this holiday season.

The **MARA** Christmas Party will be held Thursday, December 6, at 6:00 pm, at Ever's Family Restaurant in Mt. Crawford. In addition to the usual tasty buffet, the meal will include oysters. The price, including drink, dessert, and tip, comes to just under \$13 per person, less for children. Bring your family and enjoy the fun.

New Club Officers



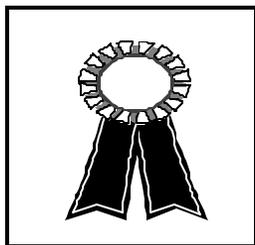
Valley ARA Officers for 2002:

- President: Ken Harris, KE4GKD
- Vice President: Benny Cook, N4BCC
- Secretary: Ray Colvin, KE4HVR
- Treasurer: Jeff Rinehart, W4PJW
- Program Manager: Richard Huttinger, KF4QZG

Massanutten ARA Officers for 2002:

- President: Ellsworth Neff, K4LXG
- Vice President: Chuck Vogan, KD5KA
- Secretary: Phyllis Haxton, N4VZC
- Treasurer: Sandy Mullins, K4PZC
- Board Member '02: Bob Tennyson KG4CHL
- Board Member '03: Jason Armentrout N4DSL

Field Day 2001 – We Scored 9th in the Nation!



Way to Go!!! Out of **350 entries** in the 3A class, the **MARA/VARA Field Day placed ninth (9th) in the entire NATION!**

MARA/VARA FD 2001 scored 9,148 points on 2561 QSO's. This is the best showing we've ever earned. And placing 9th out of 350 entries means we are in the top 3%!

In addition to ranking 9th in the nation, the score ranks us first place in the state of Virginia, and first place in the entire Roanoke division which includes North and South Carolina, Virginia, and West Virginia. Nationwide, the only groups to score more points were in New York, New Jersey, California, Texas, and Chicago. Given the amount of fun and relaxation at FD, imagine what we could do if we really tried hard!

Time to Renew Your Club Membership!



Both MARA and VARA dues are based on the calendar year. So it's time to get out the old check-book. Use the handy renewal form included in this month's Monitor.

The newsletter editor pleads, begs, and implores you to PLEASE renew BEFORE the January 31 deadline. It is very time-consuming when he has

to maintain his mailing list by removing the names of all those who don't renew, and then, in March or April, when you get around to renewing, he has to go back and add your name and address back to the list again.

So save him some time. Renew TODAY! Please?



“Book Him!”

Howard Zehr, N9AHQ, award-winning professor of restorative justice at Eastern Mennonite University, has authored a book titled, “Transcending: Reflections of Crime Victims – Portraits and Interviews.”

The book contains stories of 39 victims of violent crime. Most were victimized twice, once by the criminal and then again by the court system.

Author Zehr says, “It is my hope that this book may hand down a rope to others who may have experienced such tragedy and trauma, and allow all who read it to live on the ‘healing’ edge.”

The book is available at the EMU bookstore in paperback for \$18.95.

Submitted by Gerry Brunk, K4RBZ



“Prepare ye, prepare ye...”

“A little bit goes a long way. ... a REAL long way.”

That’s the message being spread by Dan Beidler, KE4JSX, who is delivering classes on Emergency Preparedness to church and civic groups .

“Most people don’t realize how easy it is to be prepared for a major disaster,” says he. “By spending just a few minutes of time, – only a few *minutes*, mind you – most people can pack a survival kit that will be of immense help in the event their area is hit with an emergency.”

Dan is working with the American Red Cross of-fices in Waynesboro/Staunton/Augusta County to promote an attitude of “I’ll be ready” in the general public. It doesn’t take a lot of money or training – simply being aware of the **need to prepare** is the most important thing.

“The job of emergency services is so much easier when even a small percentage of the public is prepared.”



Untangle The Nets! Tune In and Turn On!

Don’t miss the opportunity that our local ARES nets offer to check out your emergency gear, bat-teries, chargers, portable antennas and other response equipment.

Augusta County ARES net meets on the second Thursday of each month on the 146.850 re-peater. That repeater uses occasional tone of 131.8 hz.

Page County ARES net meets every Sunday evening at 8:00 pm on the 146.67 repeater, tone of 114hz.

Rockingham County ARES meets on Monday eve-nings. The first Monday of each month on 146.550 simplex, and all other Mondays on 145.130 repeater, occasional tone of 88 hz.



Work the DX! – Ducie Island and North Korea!

Great news for DX chasers! A new country has been added.

Ducie Island, a small atoll in the South Pacific, is now a separate country. This little island is the easternmost outpost of Oceania, and is expected to be on the air by the time you read this, using a VP6 callsign, to be announced. This makes the 335th active country on the DXCC listing. The Dxpedition plans operation on all bands, all

modes. Watch the DX newsgroups for informa-tion on specific operating times.

Also, North Korea is back on the air. After years of government-imposed silence, an officially-approved ham station is active, signing P5/4F4LN. Again, more info is available on the DX newsgroups. Fire up your HF rig and take ad-vantage of the “truly rare” DX.

School Daze – Ham Radio at Pence Middle School

Mr. Ritchie's 8th grade science classroom came alive with the sounds of CW, FM and SSB radio transmissions on Oct. 25th and 26th.

This was possible with the help of several local amateur operators who gave up their valuable time to introduce youngsters to the joys and excitement of amateur radio!

Kudos go to our guest operators: W3MMC: Bob Neimeyer, K4RBZ: Gerry Brunk, KD5KA: Chuck Vogan, KG4KUR: E.C. Showalter and KU4XN: Gayle Shull.

Most students were exposed to amateur radio for the very first time and learned quickly that it is much different from the "Chicken Band" with which they are familiar. They found amateur radio to be much more exciting.

W3MMC started with an overall view of amateur radio history pointing out its many public services and fun events such as field day and picnics. He demonstrated an old telegraph sounder that was given to him by his father, a Western Union employee, many years ago.

KD5KA discussed VHF and UHF operations and the different classes of amateur licenses. With the help of Benjamin, KG4IWA, Steve, WD4RXU and Jeff, KG4GYZ and the 145.130 repeater, many students were allowed to go on the air as

third party traffic. The students enjoyed these personal contacts. Chuck left an informative, personally written book about amateur radio with the class for students to read and use.

KG4KUR talked about his personal experiences in amateur radio from the perspective of a new ham.

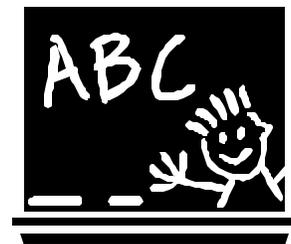
K4RBZ followed with a discussion of DX'ing and QSL cards. He passed around his wonderful collection of QSL cards from different counties including one from JY1, past King of Jordan. The cards were a real hit with the students. Students spent much time leafing through the colorful albums.

Gerry demonstrated CW and taught the classes several letters and words in morse code.

KU4XN and others explained and demonstrated HF or long distance radio to the classes. The ten meter band was very cooperative and in each class was able to hear a DX contact into Europe.

This year's students were very attentive and asked many good questions which showed their keen interest. Hopefully, we will soon hear some of them on the amateur bands because of the efforts of our classroom volunteers.

TNX and 73's
Ray K4NRA -Pence Middle School



Test Drive: From the VEmeister

Our next test will be on **December 1, 2001**. As usual, we'll get started about 9 am, at the Woodmen of the World Building on Route 42 just north of Dayton, Virginia.

We really need for the accredited volunteer examiners in the valley to contact me so that we can ensure we have enough help scheduled for every exam session.

The results of our past seven test sessions are as follows.

Candidates served: 84.
Exams passed: 57 ... failed: 30.
(Some took more than one test.)

License issued:

- Technician - 26
- General - 16
- Extra - 10.

These results took a lot of dedication from a group of very good HAMS. We are looking forward to another year of serving our community. I commend all those who helped make the past sessions a successful endeavor.

Our proposed schedule for next year, Feb. 2, April 13, June 8, August 10, October 12, December 14.

I have not scheduled this with the ARRL as of now. If any one has a reason they think this will not work let me know. All dates will be on the second Saturday except February and February's date is on the first Saturday.

So unless you hear otherwise in the next few weeks: Remember the second Saturday of every even month except February.

Gayle Shull, KU4XN
VE Test Session Coordinator

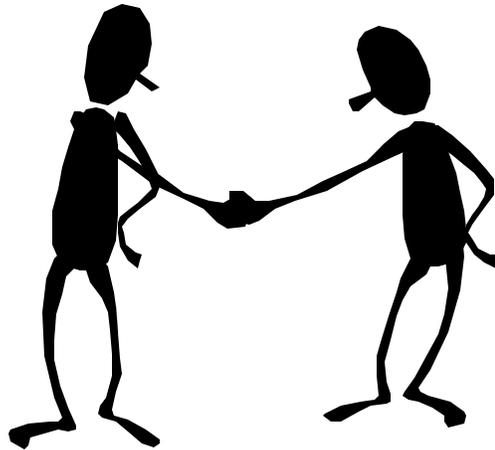


VARA President's Message: Passing the Microphone...

The Valley Amateur Radio Association's election results are in for 2002. Ken (KE4GKD) is our new president. Richard, (KF4QZG) will continue to serve as vice-president. Jeff, (W4PJW) will assume the duties of treasurer, and Ray, (KE4HVR) will continue in the position of secretary. I want you to know that I plan to support these men to the best of my ability. Not with talk, but with action. I encourage you to do the same.

I want to thank Joan (KF4CWR) for serving as our treasurer over the past year. I also want to thank Richard for his work in organizing our special events station. However, there is one person who I feel needs special recognition. That person is Ray, KE4HVR. Ray has been my right hand man for the past year. He has carried the ball when I have not been able to do so. I want you to tell Ray how much you appreciate all he has done for the club. I know that Ray will be a great asset to Ken. Thank you all for making my two years as president enjoyable.

This is Greg, W4GRC signing off as President



MARA Secretary's Report: Minutes of October 4th Meeting

The meeting of MARA, October 4, 2001, was held at Evers Restaurant on Route 11 near Mr Crawford. The meeting was called to order by the president, Gerald Nauman. The first order of business was the introduction of all members and guests. There were a total of 3 guests and 23 members present. The minutes of the August picnic meeting were approved as printed in our newsletter. A new member was accepted by a unanimous vote. Our new member is Anna Cupp, KG4NYA

Committee Reports

Treasurer: Sandy, K4PZC: No report

Public Service: MARA will not participate in MS walk around JMU this year due to insufficient time of notification. Those wishing to participate in Bike Virginia this year will note that the dates are October 20 and 21st.

ARES: No current report on bus.

Nets: Sign-up sheet was passed around.

Volunteer Examiners: Tests will be held this Saturday, Oct 6, 2001 in Dayton. at the Woodmen's Insurance Building, 9:00 a.m.

Field Day: No comment on Field Day

New Business:

An application was received for membership from Don Mallory. It will be voted upon at the November meeting.

The 50/50 drawing was won by Jason, N4DSL. The amount was \$12.00.

Elections: Nominations

President: Ellsworth Neff, K4LXG
Vice-President: Chuck Vogan, KD5KA
Treasurer: Sandy Mullins, K4PZC
Secretary: Phyllis Haxton, N4VZC
Director: Jason Armentrout, N4DSL
Director : Bob Tennyson, KG4CHL

Motion was made by Dale, N4DAI and seconded by several. Motion was accepted and passed unanimously by the present membership.

Other: Hamfest, Stafford, Oct 13

ARRL: Letter was read regarding new members of this organization.

License Classes: Classes for new hams will be advertized. They will be held at EMU. Listen for the beginning date.

School Demo: Ray Ritchie will be conducting a seminar on Oct 25 and 26 to introduce school children to Amateur Radio. Contact him on phone at 540-896-2913 or E-Mail at rritchie@shental.net

The business portion of the meeting closed at 8:12 p.m.

Program:

Cowles Andrus, K4EME, Satellite operation. Excellent program with handouts.

Respectfully submitted, Phyllis N4VZC, Secretary

MARA Secretary's Report – Minutes of November 6th Meeting

Meeting called to order at 7:38 PM. 25 present.

Old business:

We didn't have the Oct. minutes, so they were not read.

A new member was elected into the club: G Don Mallory, KC4AFL from Luray.

Dale's ARES/RACES Report: The Web page for VA. RACES has been changed. The new RACES officials have changed the title to VA RACES to avoid conflict with ARRL's ARES program in VA.

Committees:

Treasurer: Sandy

Assets:

Cash & Bank Accounts	
MARA	2,385.84
Total cash and bank accounts	2,385.84
Total Assets	2,385.84

Liabilities	0.00
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Overall Total	2,385.84
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Doug (N4DUG) – Public Service

The Shenandoah Valley Track Club is having an event this coming Sunday. Our club may have to cancel helping the club at the event, since they didn't let us know enough in advance for us to plan who could help. The event will be on Sunday, 1 PM, at JMU – two races, a 10 mile and a 5-K race.

Gayle (VE Testing)

There will be another VE testing session on Dec. 1, 2001.

Gayle needs the other VE's to let him know their thoughts about how often to have the VE sessions during the 2002 year.

New business:

For our 50/50 drawing, Jeannie Neff won.

The Christmas party will be held at Eavers on Dec. 6, 6:30 PM; cost will be \$12.01 for buffet with oysters.

There will be no hamfests in VA during November.

Any Ham can find his/her FCC ULS # on ARRL's web site under their personal information. New Hams should get their ULS #, since time is running out and the FCC requires that any correspondence with them be done by means of that number.

Gayle (KU4XN): During the October meeting, the club decided to donate the \$300 proceeds from our helping during the parade equally split among 6 repeater groups. Instead, the repeater at 146.850 won't be needing its share. Gayle made a motion that we split that \$50 among the other 5 repeaters, and Richard (W3HXH) seconded. Voted: Unanimous in favor of motion.

Ray (K4NRA) thanked the members who helped him demonstrate ham radio to his students at Wilbur Pence Middle School during Oct. 25-26. He feels sure that the sessions will produce potential hams.

Gerry (K4RBZ) reported that our club (under the call sign N4XU) scored #9 in our class in the nation during Field Day operations, and we were #1 in VA.

Gerald (KN4FM) announced the beginning of Ham classes, to be held on Nov. 5, at 7 PM at EMU. So far, 4 people have shown interest, and 2 maybe's.

Evening program: Robert Hall (WA4FEJ) was supposed to come and demonstrate fast scan TV, but due to personal reasons couldn't come. So Ellsworth (K4LXG), MARA's new president, talked about the upcoming year and some ideas he had for club activities. These included a hamfest here in the Valley; getting together for emergency training sessions; a booth at the Rockingham Co. Fair; a QRP club; a simplex net where members could talk about selected topics; having a roster in the newsletter that would show the interests of club members.

It was also decided that the newsletter should be sent out a week ahead of schedule to let the members know about the details of the Christmas dinner.

The meeting was closed at 8:38 PM.

*Minutes taken by
Chuck Vogan, KD5KA,
filling in for the club secretary*

WELCOME TO NEW HAMS

Welcome to the following new licensees in the Valley:

Michael Campagna, KG4MSR, Millboro
Henry Bisgaier, KG4OBC, Afton
Ken Bassett, K4KPB, Greenville
Elias Soto, KG4PRQ, Timberville
Carter Ritchie, KG4PRP, Timberville
Steven Penney, KG4OZC, Quicksburg
Gerald Kile, KG4OMF, Hinton
Daryl Coffman, KG4PRR, Broadway
Kyle Klosinski, KG4OPO, Harrisonburg
Frank Gordon, KG4OUY, Harrisonburg,
Gary Bothof, KG4OFU, Weyers Cave
James Ballew, KI4ZM, Mt. Sidney
Charles E. Neff Jr., KG4NAA, Waynesboro

VARA Secretary's Report: November 4th Meeting Minutes

The Valley Amateur Radio Association met at Shoney's of Staunton on November 4, 2001. President Greg Czerniak W4GRC opened the meeting at 7:30 p.m. There were 18 members present and 5 guests, Diane Smiley wife of Pat KD4WWF, Mike Reno KG4OON also submitted an application to join the Club and KE4ASC Frank Greens wife and two sons.

We will have two members to vote into the club in January. Paul Ruppert KG4GCA and Mike Reno KG4OON. Lets welcome both of these new members to the VARA.

The 50/50 winner was Kay Cook KF4CZL, we couldn't believe it....She gave it to Benny...guess that was his allowance for the rest of the week.

Our Christmas Party will be held on December 4th at the Texas Steak House just off Rt. 250 (Richmond Rd.) in Staunton beginning at 6:00pm. **Order what you want when you get there.** This takes the place of our regular club meeting for December. Come and join us for the meal and fellowship together this Christmas Season.

Paul Ruppert KG4GCA has a new web page set up for the club and is waiting for the web page committee of Cowles, Pat, and Greg to approve it. Paul volunteered to do the web page for the club at his first meeting. Thanks Paul, and we look forward to having you in the club.

New officers were nominated and voted in for the year 2002: President: Ken Harris KE4GKD; Vice President: Benny Cook N4BCC; Secretary: Ray Colvin KE4HVR; Treasurer: Jeff Rinehart W4PJW; Program Manager: Richard Huttinger KF4QZG. Thanks to our nominating committee of three Benny Cook N4BCC, Kay Cook, KF4CZL and Nancy Colvin KE4PHP.

David Tanks AD4TJ Needs HELP with the Augusta County ARES Net. Anyone that is willing to be net control and help David out give him a call. Also beginning this Thursday Nov. 8th the Net will be held on the 146.850 repeater at 8:00pm. This repeater has a minus offset and a tone of 131.8 when needed. Mark your calendar and check into the net. Remember without YOU there will be NO ARES NET.

We would like to get training classes started for the Technician level. Anyone interested in helping teach the classes please contact Greg W4GRC, Alby AD4KZ or Richard KF4QZG.

Richard KF4QZG, Program Chairman, asks for anyone who would like to do a program at one of our meetings to give him a call and get a date set up to present it.

NOTE: As of Oct. 2nd Richard will be out of town for about two months. You may contact Ken KE4GKD while Richard is gone.

A motion to adjourn was made by Jeff W4PJW and seconded by Frank KE4ASC, we adjourned at 7:57pm.

David Tanks AD4TJ gave a presentation on an indoor receive loop antenna for 160M that he had almost completed. He made it from four loops of RG-59 Coax. The loop receives stations when it is inline with the station rather than like a dipole which transmits and receives best broadside to the station. A discussion followed on different kinds of receive only antennas, their design and height above ground for best results. Thanks David for a great program!

Submitted By:
VARA Secretary
Ray Colvin KE4HVR

Calendar of Ham Radio Events

December 1: VE Exams (Dayton VA)
December 1-2: Tennessee QSO Party
December 2: Page County ARES Net (146.67-)
December 3: Rockingham County ARES Net (146.55 simplex)
December 4: VARA Christmas Party (Texas Steakhouse)
December 5: Top Band Sprint 160m SSB/CW
December 6: MARA Christmas Party (Ever's)
December 7-9: ARRL 160m Contest
December 9: Page County ARES Net (146.67-)
December 10: Rockingham County ARES Net (145.13-)
December 13: Augusta County ARES Net (146.85-)
December 15-16: ARRL 10m Contest
December 16: Page County ARES (146.67-)
December 17: Rockingham County ARES (145.13-)
December 23: Page County ARES (146.67-)

December 24: Rockingham ARES Net/Santa Watch
December 29-30: Original QRP Contest
December 30: Page County ARES Net (146.67-)
December 31: Straight-Key Night
December 31: Rockingham County ARES Net (145.13-)

And Looking Ahead...

January 5-6: ARRL RTTY Roundup Contest
January 19-21: ARRL January VHF Sweepstakes
February 10: Richmond Frostfest
February 16-17: ARRL DX Contest—CW
March 2-3: ARRL DX Contest — Phone
March 3: Vienna Hamfest

Membership Renewal Form

NAME: _____ Call: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP CODE: _____

HOME PHONE: _____ WORK PHONE: _____

EMAIL ADDRESS: *(print legibly!!)* _____

MEMBER OF ARRL (y/n): ____ REGISTERED MEMBER OF VA -RACES (y/n): ____ RACES TRAINED (y/n): ____

SKYWARN ID *(if SkyWarn trained)* _____ Are you available for Workday Daytime Emergency Callup? (y/n) ____

CURRENT ABILITIES & CAPABILITIES: Do you have the technical ability, knowledge, experience, know-how, and the equipment to *reliably* operate the following modes or activities? Check all that apply.

- | | | |
|---|---|---|
| <input type="checkbox"/> HF CW slow-speed | <input type="checkbox"/> 50 Mhz FM | <input type="checkbox"/> APRS, base or repeating |
| <input type="checkbox"/> HF CW high-speed (15 wpm and up) | <input type="checkbox"/> 50 MHz — other modes | <input type="checkbox"/> APRS, mobile transmitting |
| <input type="checkbox"/> HF SSB | <input type="checkbox"/> 2m FM | <input type="checkbox"/> Simple GPRS positioning capability |
| <input type="checkbox"/> HF Mobile from vehicle | <input type="checkbox"/> 2m weak signal, AM, etc. | <input type="checkbox"/> EME or Meteor Scatter |
| <input type="checkbox"/> HF Portable or QRP | <input type="checkbox"/> 220 FM | <input type="checkbox"/> Microwave (902 Mhz or higher) |
| <input type="checkbox"/> NTS HF Message Handling ability | <input type="checkbox"/> 220 other modes | <input type="checkbox"/> Satellite Operations (analog modes) |
| <input type="checkbox"/> HF Slow-Scan TV | <input type="checkbox"/> 440 FM | <input type="checkbox"/> Satellite Operations (digital modes) |
| <input type="checkbox"/> Traditional RTTY | <input type="checkbox"/> 440 weak signal | <input type="checkbox"/> RDF — Direction Finding |
| <input type="checkbox"/> PSK31 | <input type="checkbox"/> 440 fast scan television | <input type="checkbox"/> Ham equipment diagnosing/light repairing |
| <input type="checkbox"/> Other HF digital modes | <input type="checkbox"/> Simple Packet | <input type="checkbox"/> Tower climbing/antenna installation |
| <input type="checkbox"/> Weather Station & Monitoring | <input type="checkbox"/> DX cluster and/or BBS | <input type="checkbox"/> PIC programming & circuit design |

Other abilities and capabilities: _____

WHAT TOPICS WOULD YOU LIKE TO SEE ON THE CLUB MEETING PROGRAMS? (check all that apply or add more.)

- | | | |
|---|---|---|
| <input type="checkbox"/> HF operating and Etiquette | <input type="checkbox"/> Weather Stations, Weather Monitoring & Reporting | <input type="checkbox"/> Innovative Mobile Rig Installations |
| <input type="checkbox"/> HF DXing | <input type="checkbox"/> Skywarn: What's it all about? | <input type="checkbox"/> Microwaves (902 Mhz or higher) |
| <input type="checkbox"/> Contesting Etiquette | <input type="checkbox"/> Ultra-Simple Antenna Designs | <input type="checkbox"/> Satellite Operations (analog modes) |
| <input type="checkbox"/> QSL'ing methods, hints, tips | <input type="checkbox"/> 2m weak signals | <input type="checkbox"/> Satellite Operations (digital modes) |
| <input type="checkbox"/> Comparisons of Logging Software | <input type="checkbox"/> 220 or 440 operations | <input type="checkbox"/> RDF — Direction Finding |
| <input type="checkbox"/> Mobile, Portable or QRP operations | <input type="checkbox"/> Fast scan television: How To... | <input type="checkbox"/> Emergency Response Kits |
| <input type="checkbox"/> NTS HF Message Handling skill | <input type="checkbox"/> Simple Packet: How To... | <input type="checkbox"/> Radio Operations in Emergencies |
| <input type="checkbox"/> HF Slow-Scan TV: How To... | <input type="checkbox"/> DX cluster and/or BBS | <input type="checkbox"/> Ham equipment diagnosing/repairing |
| <input type="checkbox"/> Traditional RTTY: How To... | <input type="checkbox"/> APRS: Getting Started | <input type="checkbox"/> Tower climbing/antenna installation |
| <input type="checkbox"/> Other HF digital modes | <input type="checkbox"/> Simple GPRS introduction | <input type="checkbox"/> PIC programming & circuit design |
| <input type="checkbox"/> What's on 50 Mhz? | <input type="checkbox"/> EME or Meteor Scatter | <input type="checkbox"/> Traders Day, Homebrew Fair |
| <input type="checkbox"/> CORES, FRN, ULS: What's it mean? | | <input type="checkbox"/> A modest Valley Hamfest |

Other interesting subjects for meeting programs: _____

VARA Renewals: mail with \$15 to Jeff Rinehart, 1344 Hankey Mtn Highway, Churchville VA 24421

MARA Renewals: mail with \$12 to VARA, PO Box 1882, Harrisonburg, VA 22801

MARA/VARA

c/o David Fordham
131 Wayside Drive
Weyers Cave, VA 24486
Phone: 540-568-3024
Email: fordhadr@jmu.edu

Return Service Requested

MASSANUTTEN AMATEUR RADIO ASSOCIATION, Inc.

President: Ellsworth Neff, K4LXG
Vice President: Chuck Vogan, KD5KA
Secretary: Phyllis Haxton, N4VZC
Treasurer: Sandy Mullins, K4PZC
Board (exp. 02): Bob Tennyson, KG4CHL
Board (exp 03): Jason Armentrout, N4DSL

<http://cob.jmu.edu/fordhadr/MARA>

MARA meets the first Thursday of each month
at Ever's Restaurant on U.S. 11 south of
Harrisonburg. Meal starts at 6:30 pm.
Business meeting starts at 7:30 pm.

Visitors are welcome.

Dues (\$12 per year) should be mailed to:
MARA
PO Box 1882
Harrisonburg, VA 22801

VALLEY AMATEUR RADIO ASSOCIATION

President: Ken Harris, KE4GKD
Vice President: Benny Cook, N4BCC
Secretary: Ray Colvin, KE4HVR
Treasurer: Jeff Rinehart, W4PJW
Program Manager: Richard Huttinger, KF4QZG

<http://www.hamsnet.net/W4MUS>

VARA meets the first Tuesday of each month
At Shoneys Restaurant on U.S. 250 east in
Staunton. Meal starts at 6:30 pm.
Business meeting starts at 7:30 pm.

Visitors are welcome.

Dues (\$15 per year) should be mailed to:
Jeff Rinehart, W4PJW
1344 Hankey Mtn Hwy
Churchville, VA 24421