

The OVH ARC Newsletter
OLE VIRGINIA HAMS' AMATEUR RADIO CLUB, INC.
Post Office Box 1255, Manassas, Va. 20108
OVH FM Repeaters - 146.970- & 224.660- & 442.200+ & 443.500+
OVH D-STAR Repeaters - W4OVH - 146.865- & 442.5125+ (temporarily - limited functionality)
Web Site at <http://w4ovh.net>

OLE VIRGINIA TIMES

July 2017

Next Meeting: Monday, July 17, 2017

PRESIDENT'S LETTER:

I hope that everyone is surviving the summer heat... Well, we have gone through another successful Field Day. At least the weather cooperated with us this year. I am looking forward to hear all of the scores. I want to thank all who took part in this fun event, it was great to see the folks who only make it to a couple of events a year. As a surprise, Terry / WA5NTI made an appearance, even though it was a short one, it was good to see him. As always, hats off to Phil / AC4PL, with another awesome spread of delicious food!! And then there was the epiphany that Byron / AK4XR had.....



Even though the Fourth of July evening was rainy, many places still had firework to celebrate this wonderful country of ours. I hope that many OVH members participated in the recent 13 Colonies Special Event. With respect to upcoming events, we have the Mini-Tri's and the Prince William Half Marathon on the horizon, these are a great time to get out and radio for a good cause. If you are able to volunteer, please do so, it is well worth it.

I hope to see you all at the July 17th regular OVH meeting which will again be in the main conference room at the Central Community Library, 8601 Mathis Ave., Manassas beginning at 7:00 pm (30 minutes earlier than usual). This location is close to the former Manassas Public Works location for OVH meetings; remember too, the August and September OVH regular meetings will be at another location at the Prince William County Government Center.

Keep your thoughts and ideas coming to me at: RayKnight@Verizon.net

73 Ray KM4EKR

Ole Virginia Hams Amateur Radio Club, Inc.

Post Office Box 1255
Manassas, Virginia 20108

OFFICERS

President: Ray Knight	KM4EKR	930-8222
Vice Pres: Jeff Fuller	WB6UIE	791-5916
Secretary: Byron Dillon	AK4XR	222-2095
Treasurer: Terry Erlacher	KC4DV	571-292-1490

DIRECTORS

Don (Butch) Blasdell	W4HJL	369-2877
Arthur Whittum	W1CRO	791-4330
Charlie Dale	WA4YGI	361-3091
Bob Zaepfel	K4HJF	282-2451

WEEKLY FM REPEATER NET COORDINATOR

Thurs - 8:00 PM Local Time	JOHN / KG4NXT	257-3566
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HAMFEST 2018 - Chairman

Don	WA2SWX	597-3211
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FIELD DAY 2017 s

Byron	AK4XR	222-2095
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CLUB ROSTER / DATABASE

Arthur	W1CRO	791-4330
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EDUCATION

Mark	WA4KFZ	818-8033
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CLUB EMERGENCY COORDINATOR

Open

ARES - EMERGENCY COORDINATOR

David Lane	KG4GIY	703-628-3868
email: KG4GIY@ARRL.NET		
Prince William County ARES website	http://pwcares.org	

FINANCE

Arthur	W1CRO	791-4330
Mark	WA4KFZ	818-8033
Terry	KC4DV	571-292-1490

GENERATORS

Steve	N4OGR	361-0008
Al	KB4BHB	368-4794

HISTORIAN

Theresa	KG4TVM	257-3566
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WEBMASTER — W4OVH.NET

Paul	W4ZB	754-0910
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TWITTER & FACEBOOK ACCOUNT MODERATOR

Jeff	KM4FTK	830-4155
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BROADBAND HAMNET

Terry	WA5NTI	445-2801
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EMAIL REFLECTOR — w4ovh@googlegroups.com

David Lane	KG4GIY	628-3868
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JOTA - 2017

John	KG4NXT	257-3566
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LEGAL

Bob	K4HJF	282-2451
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MEMBERSHIP CHAIRMAN

Luther	WA3FMO	361-4885
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NEWSLETTER

Paul	W4ZB	754-0910
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NEWSLINE FOR THE WEEKLY NET

John.	KG4NXT	257-3566
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PROGRAMS

Jeff	WB6UIE	791-5916
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QUARTERMASTER

Steve	N4OGR	361-0008
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REPEATER CONTROLLERS

George	K4GVT	791-5956
Arthur	W1CRO	791-4330
Butch	W4HJL	369-2877
Steve	N4OGR	361-0008
David	KG4GIY	361-3042

W4OVH — TRUSTEE

Stu	W4PR	335-5267
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W4PVA — TRUSTEE

Arthur	W1CRO	791-4330
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SCHOLARSHIP

Theresa	KG4TVM	257-3566
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SUNSHINE

Theresa	KG4TVM	257-3566
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TECHNICAL COMMITTEE

George	K4GVT	791-5956
Arthur	W1CRO	791-4330
Butch	W4HJL	369-2877
Bill	N4SV	590.9562
Bob	K4HJF	335-1939
David	KG4GIY	628-3868

All telephone numbers listed above are for Area Code 703 unless otherwise noted. This is the official monthly publication of the Ole Virginia Hams Amateur Radio Club, Inc., a §501(c)(3) organization, dedicated to the promotion and enhancement of Amateur Radio. Copyright © 2017 by the Ole Virginia Hams.

The OVH ARC regular monthly meeting is at 7:30 p.m. every third Monday which is held at a location in or near Manassas, Virginia which is announced and published in advance. Members, prospective members and other interested persons are invited to attend without obligation. Local information can also be obtained through the OVH's FM repeaters on 146.970-, 224.660-, 442.200+ and 443.500+ MHz. The OVH's two D-Star repeaters on 146.865- and 442.5125+ MHz are temporarily operating with limited D-Star capabilities. Up to date information about OVH activities and its meetings is also available during the OVH's nets on its FM Repeaters each Thursday night at 8:00 p.m. or on 80 meters (3710 KHz) LSB each Sunday night at 7:00 p.m. (8:00 pm in Summer) or through the OVH's web site at <http://w4ovh.net>

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Sunshine Corner:

Happy middle of the summer Birthday wishes for: Steve / KB4OF, Ken / WB4ZOH, Philip / KI4WGC, Jeff / KB4TT, George / K4GVT, Michael / KC4ZLNQ, Sandy / KM4JUS, Dwight / N4GSD, Bob / KI4IST, Mary / KK4GOW, James / AA4KG, Jeff / K9VEG, Richard / KJ4ZIH, Luther / WA3FMO and Tony / KK4YZK.

Congratulations to the whole OVH club for a great participation during June - which is always the busiest "ham" month of the year for the club! Hamfest, meetings, Mini-Tri, Field Day, these events would not have been so successful if so many club members did not actively participate; during June, you all came out in great numbers. Thanks to everyone including the Chairperson for each event!

Special thanks to Phil / AC4PL for feeding everybody at during Field Day, master chef Phil again did a tremendous job, certainly no one who attended went hungry or was disappointed!

Very best wishes to David, Al / KB4BHB's son, on his last cancer surgery.

There are two Mini Tri events in July: providing communications support is fun for this run extremely event put on by the race officials, please let Andy / KJ4MTP know if you can help!

The relatively close by Berryville Hamfest is right around the corner on August 6th. Lots of OVH member go each year so ask around if you need a ride.

Safe travels to everyone on vacation, send us pictures!!!

Please try to check in to the Thursday night VHF/UHF FM net. You will hear updates and information on events! How to do that is on the OVH web site at w4ovh.net. You will find us on the 146.970 and 443.500 FM repeaters at 8:00 pm every Thursday evening.

73 Theresa KG4TVM

Minutes of the Ole Virginia Hams Amateur Radio Club Meeting -- June 19, 2017:

OVH club Vice-President, Jeff / WB6UIE, called the meeting to order at 7:00 pm at the Community Room of the Prince William / Manassas Central Library.

After the Pledge of Allegiance, all present stated their names and call signs. There were OVH members 22 and 1 guest.

Minutes: The minutes went out in the club newsletter. Wayne / N7QLK made a motion to accept the minutes as printed. Seconded by Bill / WA4FIC. The motion passed.

Membership – We had two membership applicant to read in: Gerald Manley / KN4DWT and James Funkhouse / NV4VA. Both will be voted on at July 2017 meeting.

Duane Martin / KK4BZ, a horse owner who occasionally operates horse mobile, mentioned the 100 mile endurance horse ride he had recently participated in as a ham providing

communications, a two day event. Andy / KJ4MPT also was there to provide communications support and still made it back in time to coordinate communications support for the Tri-It-Now on Sunday, June 11th.

ARES had training session last week..

The most recent Mini-Tri event was held on June 11, 2017. Andy / KJ4MPT headed up the communications support for this event with the assistance of other participating OVH members. If you haven't participated in one of these events you should try one.

The OVH's Facebook and Twitter account sites are live and working, and a link to them is on the existing OVH web site. Work is continuing on the new OVH web site. A link to access the new web site has been circulated on the Members' Only web page, and all are invited to look at it and provide comments. The new web site may be going by end of the month, but more work is still needed before that can happen. Members will be required to sign up for access to the Members' Only pages on the new web site; after signing up you will receive an email stating you have an account.

Old Business - Jeff / WB6UIE, mentioned that he had received polo shirts from the first order with him to give out.

Treasurer's report – Terry gave the report. Motion to accept by Duane KK4BZ and seconded by Wayne N7QLK.

Hamfest – Terry / KC4DV gave the report. Yea! We made some money this year! Terry will post financial summaries for the recent and past Hamfests on the Members' Only web page on the OVH web site. A motion to match the Bake Sale receipts which are donated to charity, of \$173 by Steve / N4OGR and seconded by Luther / WA3FMO. The motion passed.

Field Day: Byron / AK4XR Is coming up this week end. Setup will begin at 9 am on Saturday. Make sure you come out and have fun with us. Phil / AC4PL will be catering the event so make sure you come out and enjoy his cooking. The antenna committee will shoot strings on Friday afternoon. Thanks to all the volunteers for all the preliminary work that has been done and thanks to all those who will be coming out to operate.

Sunshine: Happy Birthday to Jan / KE4TMW and Steve / N4OGR. Thanks to Rosalie / WIFE, for taking pictures at the Hamfest.

Scholarship - Sandy / KM4JUS is the new scholarship committee head and has been in touch with the schools. She also has been talking to the STEM program.

Bill South / N4SV reported that he will be moving to Indiana in the near future. Bill has been handling the logging computers for OVH Field Day for many years so we will need to find someone to handle that for us next year. He also has equipment to get rid of, so contact Bill and see if he has something you can use.

Prince William Half Marathon mentioned the OVH in its flyer and said it was "Great to have us helping out." Wayne / N7QLK will put a sign up roster on the email reflector.

Cont'd on page 5

Meeting location next month – The July 2017 OVH Regular Meeting will again be in the Community Room at the Prince William / Manassas Central Library again next month at 7:00 pm - 8:30 pm.

Motion to adjourn by Wayne / N7QLK seconded by John / KG4NXT. The motion passed, meeting adjourned.

Reminders about some upcoming events / calendar dates:

HAMFESTS:

Sunday - August 6, 2017 - The 67th Annual Berryville Hamfest, Berryville, Virginia - about an hour drive away from the Manassas area. This hamfest put on by the Shenandoah Valley Amateur Radio Club is always a mid-summer favorite, with many OVH members attending. For more info, go to: <http://www.shenvalarc.org/hamfest> or check out the flyer later in this Newsletter.

SPECIAL HAM RADIO RELATED EVENTS:

Sunday, July 16, 2017, 6:30 am - 10:00 am, the Tri-It-Now event at which the OVH provides communications support. Contact Andy / KJ4MTP if you are able to participate. There will be a second Tri-It-Now event at the end of the month of July - see below.

Sunday, July 30, 2017, 6:30 am - 10:00 am, the Tri-It-Now event at which the OVH provides communications support. Contact Andy / KJ4MTP if you are able to assist.

AMRAD meets monthly in McLean, Virginia - meetings usually consist of high level amateur radio related technical presentations on specific topics. Check the <http://amrad.org> web site for upcoming topics, and exact dates, times and places which have been changing around recently.

HAM RADIO OPERATING CONTEST EVENTS:

The ARRL has a Contest web page at its web site, but a much more comprehensive, up-to-date, and long range planning contesting calendar with links to the rules for the various events is maintained by WA7BNM at <http://www.hornucopia.com/contestcal>. If you get the radio contesting bug or just want to find out what and how much is going on, that is a good place to look!

PUBLIC SERVICE / ARES EVENTS

Also, always check the online Calendar by David / KG4GIY at <http://www.pwcares.org> for the latest ARES updates. David maintains a comprehensive calendar for upcoming events at that web site. Complete direct contact information for David appears on page 2 of this Newsletter.

NEW LOCATIONS FOR AUGUST AND SEPTEMBER - OVH REGULAR MEETINGS

Reminders: **1.** the regular OVH monthly meeting to be held on August 21, 2017 will be in Room 202 in the McCoart Center Developmental Sciences Building, Prince William, Virginia. This location is mid-county, about 8 miles south of Manassas at/near the Prince William County Government Center so allow yourself extra time to get there on time. **2.** the regular OVH monthly meeting to be held on September 18, 2017 will be in the same building, but in Room 107 (McCoart Center Developmental Sciences Building, Prince William, Virginia). Remember to allow yourself extra time to get there on time. The start times for the meetings and other information will be announced; hopefully, meeting locations closer to Manassas can be found for the rest of 2017.

VP's Corner

Jeff Fuller
WB6UIE

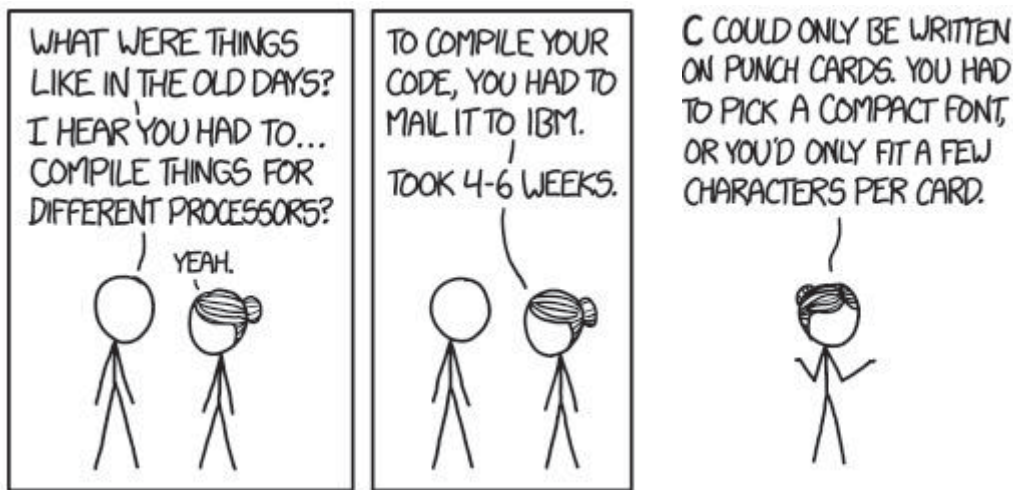
Well done to Byron, AK4XR, and his team for a very successful Field Day. We had a good turnout, the weather was nice, and the food superb.

If you're interested in getting involved with amateur radio public service activities, upcoming events like the Mini Triathlons are a great place to get your feet wet. Keep an eye out for Andy's posts for more info. For those with more experience, the Prince William Half Marathon and Marine Corps Marathon will be here soon.

Polos are here! For those who were part of our second order, I'll have your OVH club polo at the next meeting. If you would like a polo but weren't on the list, I'll also have a number of basic (no name or callsign) club polos for purchase.

Our program for the July meeting includes both local and west coast Field Day presentations as well as an opportunity for Andy and Kevin to showoff their hard work on the new club web page.

A reminder that the July meeting will be our last one at the Manassas Public Library. The August and September meetings will be held at the Prince William County Center (details and map to be posted on the club web site).



Geezing. Oldtimers do an IT history presentation for the OVH web team.

(Adapted from: <https://xkcd.com/1755>)

UPDATE - THE NEW OVH WEB SITE

Developmental work has been progressing on the new WordPress based OVH web site which will replace the existing web site. Special thanks to Kevin / KX4KU and Andy / KJ4MTP who have been doing most of the developmental work - which turns out to be much more complicated and involved than previously thought. A link to the new web site as it now stands is on the existing Members' Only web pages at <http://w4ovh.net>. Please visit the new web site using that link, and then provide your comments or suggestions to Kevin and Andy. If you are serious about providing constructive comments, please send them via email or during a telephone call. Once the new OVH web site goes live (now expected in August), it will be reachable at <http://w4ovh.net>. For a variety of technical reasons, it is now expected there will be a transition period (perhaps several weeks) during which some of the materials on the existing web site may not be available on the new site once it goes live.

The OVH's Twitter and Facebook pages have now been up and running for several months now. Links to them are on the existing web site and on the new web site. Special thanks to Jeff / KM4FTK for that; Jeff also serves as the moderator for both of those sites - please send new content you would like posted on the OVH's Twitter and/or Facebook pages to Jeff. New content is needed continuously so those sites do not become stale.

Some Possibly Interesting or Useful Information

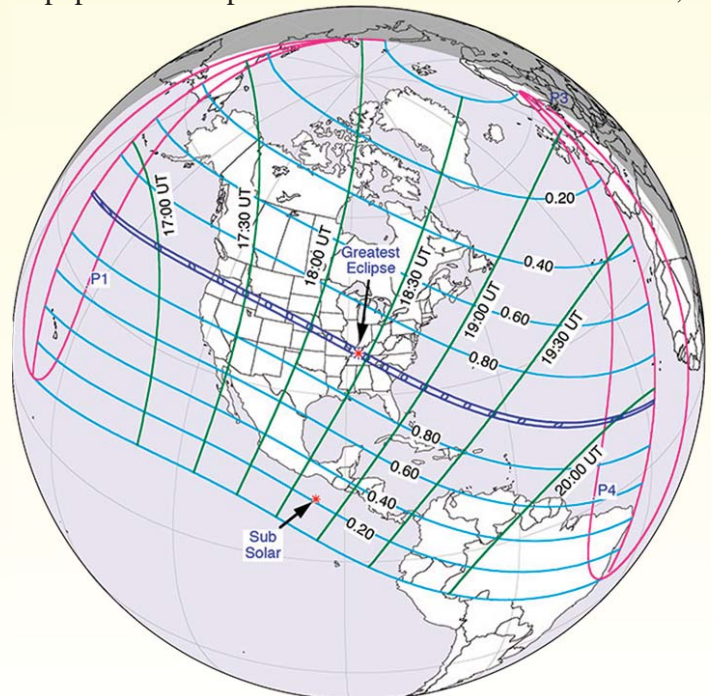
1. Ken / KE2N gave an excellent tutorial about coaxial cable, matching networks and SWR adjustment during the OVH Field Day event. In case you missed it, Ken's handout in PDF format is now posted online at: http://w4ovh.net/SpecEvnts/FieldDay/2017/2017_W4OVH_FieldDayTrainingActivity_KE2N.pdf

2. One of the excellent resources mentioned in Ken / KE2N's handout is the graphically based SWR calculation application for Windows computers by AE6TY, a professional quality application. You can find it and download it at http://ww.ae6ty.com/Smith_Charts.html Your editor attended a live forum session by AE6TY about his SWR application at the Dayton Hamvention several years ago and wrote about it in this Newsletter. AE6TY has continued to enhance and improve his application.

3. A new (non-technical) book is coming out this summer about Claude Shannon - who is sometimes referred to as the inventor of the (digital) information age. Certainly, anyone who has studied communications and information theory at the technical level knows of his great contributions to source and channel encoding theory and practice, critical elements (now taken for granted) of all modern communications systems. Shannon's seminal 1948 paper: <http://math.harvard.edu/~ctm/home/text/others/shannon/entropy/entropy.pdf> is still worth reading. The unified (and simplified) ideas presented in that paper led to rapid and massive advances. See also, an earlier discussion about Claude Shannon ten years ago in the May 2007 OVH Newsletter.

4. Ham Radio operations at the National Boy Scout Jamboree in West Virginia, July 19th - July 27th, 2017. Go to: <https://www.k2bsa.net/jamboree-live> to find information about how to make a contact with K2BSA during that event.

5. A total solar eclipse will occur on August 21, 2017 in parts of the USA. See image to the right extracted from an informative article about this in Nuts & Volts magazine by Ward / N0AX. For the original article, go to <http://www.nutsvolts.com/magazine/article/the-solar-eclipse-and-ham-radio> Some interesting HF radio effects will occur because the sun's radiation will be blocked (fully or partially) from the ionosphere during normal daylight hours during the eclipse event.





The Shenandoah Valley
Amateur Radio Club, Inc.

ARRL APPROVED HAMFEST

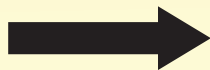


67th Annual Berryville Hamfest

Sunday, August 6, 2017

Clarke County Ruritan Fairgrounds
890 W. Main St., Berryville, VA

- GATE OPENS AT 6:00 AM • VENDOR BUILDINGS OPEN BY 8:00 AM



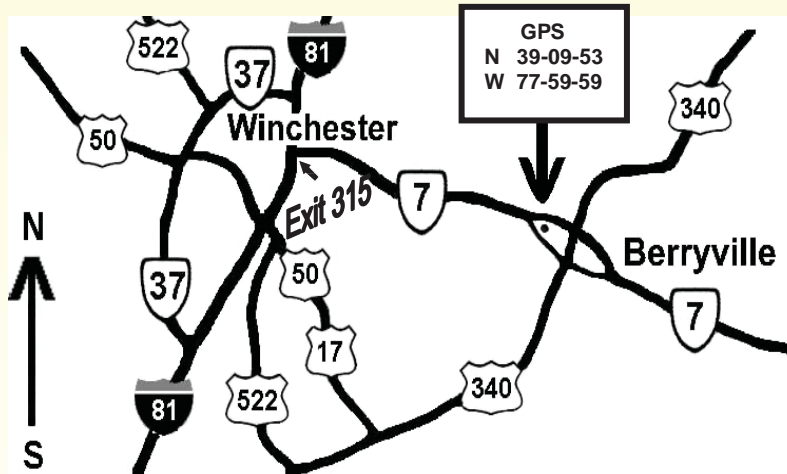
DONATION \$10.00, children under 16, free

- ADDITIONAL \$10.00 FOR A TAIL-GATE SPACE (First come, first served)
- INDOOR VENDOR TABLES BY RESERVATION (see below)
- SPECIAL HOTEL PRICE: HAMPTON INN (1204 Berryville Ave, Winchester 540-678-4000)
- \$15.00 FOR A CAMPER SPACE~~ **RURITAN RULES: NO Pets, Pornography, or Weapons**

Country Ham & Eggs
Breakfast at 7:00 AM

Ruritan's famous
chicken & beef
barbecue from
11:00 AM

Grand Prizes:
HF Rig; VHF Rig;
Power Supply;
and hourly drawings



VE Exams will be given by the **Laurel Amateur Radio Club VE Team of the LARC VEC** at the Cooley School – opposite the Hamfest. Walk-ins are welcome. Testing begins at 12:00 noon. A photo ID is required. For more information, contact John Creel, WB3GXW@arrrl.net; 301-572-5124.

Download this flyer and vendor table forms from: <http://www.shenvalarc.org/hamfest>

For more vendor information, contact: John (WD4GEK) or Elizabeth (W4EHC) Cottrell
BerryvilleHamfest@gmail.com • Phone: 540-436-3818 • If no answer: 540-333-0837