

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+

Web Site at <http://w4ovh.net>

OLE VIRGINIA TIMES

Renew your OVH
membership now!

February 2014

Next Meeting: Monday, February 17, 2014

PRESIDENT'S LETTER:

Hello to all and I hope this message finds you all healthy and well. January seemed to fly by with nary a wave except for some quite cold weather and more snow than usual.

With that it's time again for club elections we will be voting at the February meeting for club officers and the new elected officers will be seated at the March meeting. All positions are up for the election and if you want to serve the club and have the time it's a great way to give back to the club we all know and love.

It's still early in the New Year, I must remind the membership who haven't done so already, to please renew your memberships for 2014! To make this very easy to do, a mail in form is provided later in this newsletter. It is also possible to renew online. Go to the OVH Club web site (W4OVH.NET) and there to the OVH Membership Application tab to do that. No matter, how you do it, be sure to renew. We appreciate everyone's support as the Club does depend upon the modest annual dues each year from its members. You will need to be a member in good standing, with dues paid, to vote at the February meeting.

There is one nearby Hamfest event later this month, the Vienna Wireless Winterfest on February 23rd in Annandale. It's close by and easy to attend.

As always, if there is any subject that you as club members would like to give a presentation on let me know and we can get you on the schedule.

I hope to see you at the regular OVH meeting on Monday, February 17th at 7:30 pm!

73 Justin KJ4LAS



Ole Virginia Hams Amateur Radio Club, Inc.
Post Office Box 1255
Manassas, Virginia 20108

OFFICERS

President:	Justin Anderle	KJ4LAS	571-221-3423
Vice Pres:	Clarence Meese	K4CNM	791-6424
Secretary:	Theresa Heartney	KG4TVM	257-3566
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 2014

Terry	KC4DV	571-292-1490
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FIELD DAY 2014

John	KG4NXT	257-3566
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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

David Meola	KI4AZX	393-6681
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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
Keith	KM4AA	909-1512
Al	KB4BHB	368-4794

HISTORIAN

Theresa	KG4TVM	257-3566
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WEBMASTER — W4OVH.NET

Paul	W4ZB	754-0910
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EMAIL REFLECTOR — w4ovh@googlegroups.com

David Lane	KG4GIY	628-3868
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JOTA

Scott	KB8NUM	365-2642
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LEGAL

Bob	K4HJF	282-2451
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MEMBERSHIP CHAIRMAN

Luther	KJ4FDK	361-4885
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NEWSLETTER

Paul	W4ZB	754-0910
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NEWSLINE FOR THE WEEKLY NET

John H.	KG4NXT	257-3566
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PROGRAMS

TBA

QUARTERMASTER

Steve	N4OGR	361-0008
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REPEATER CONTROLLERS

Keith	KM4AA	909-1512
Arthur	W1CRO	791-4330
Butch	W4HJL	369-2877
Steve	N4OGR	361-0008
David	KG4GIY	361-3042
George	K4GVT	791-5956
Russ	WB4HHN	368-6435

W4OVH / W4PVA — TRUSTEE

Keith	KM4AA	909-1512
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SCHOLARSHIP

Jim	W4JTP	392-0150
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SUNSHINE

Theresa (Acting)	KG4TVM	257-3566
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TECHNICAL COMMITTEE

Keith	KM4AA	909-1512
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 © 2012 by the Ole Virginia Hams.

The OVH ARC regular monthly meeting is at 7:30 p.m. every third Monday each month at the Prince William County Red Cross Chapter House at 9930 Liberia Avenue, Manassas, Virginia. Members, prospective members and other interested persons are invited to attend. Local information can also be obtained through the OVH's FM repeaters on 146.970-, 224.660-, 442.200+ and 443.500+ MHz or D-Star repeaters on 146.865- and 442.5125+ MHz. Up to date information about OVH activities and its meetings is also available during the OVH's nets on its FM Repeater 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>

Articles and quotations in the OVH Times newsletter may be reprinted if credit is given to the OVH ARC and any other noted source. Proposed materials for publication including pictures, articles, letters to the editor, classified ads, notes about specific errors, complaints or the like are solicited from all readers. Forward such items to the OVH Times Newsletter Editor: PAUL@W4ZB.COM as soon as available at any time, but the cutoff deadline for the OVH Times each month (usually the second Monday of the month) may preclude publication/correction until the following month.

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Last Rev: 11/16/2013

Sunshine Corner:

Happy Birthday this month to Roland / WB4NWX, Gavin / KK4MXT, Patty / KI4FQF, Art / W1CRO and Katie /no call sign! Hope you all have a very warm celebration!

Thanks to Craig / WA3UFY for providing the spotlight on member's material this month. Craig has been a member of the OVH for many years, helping out and participating very actively in many of our events. Craig and his wife moved out to Arizona in 2010 after he retired but he still keeps up with club news. See that item later in this Newsletter

Congratulations to Stephen / KK4UZC on moving his license up to General!

Elections for Officers will be held at our February meeting, it has been my pleasure to serve as Secretary with Justin / KJ4LAS, Clarence / K4CNM and Terry / KC4DV this past year!

March will bring the Virginia QSO Party, John and I have participated in this event for the last several years and really enjoy it. If you haven't participated or have any questions, let us know!

Terry / KC4DV is moving forward with Hamfest planning and doing a wonderful job, it's not too late to volunteer, and we always need more hands the day of the event.

If you have any news for the sunshine corner, good or bad please send me an email kg4tvm@hotmail.com or call me at 703-257-3566.

Theresa KG4TVM

Minutes of the Ole Virginia Hams Amateur Radio Club Meeting January 20, 2014:

Justin / KJ4LAS called the meeting to order at 7:30 pm. Meeting was held at the Prince William County Red Cross Chapter House in Manassas, Virginia.

All present stated their names and call signs. There were 29 OVH members and 1 guest.

Program – Terry / WA5NTI reported on the 4H training program – preparing for an emergency. David / KG4GIY presented a slide show of the 4H in action for ARES. (Note: later in this newsletter are some pictures taken during David's presentation.)

BUSINESS MEETING

Minutes from the December meeting were approved as read, motion by David / KG4GIY, seconded by Terry / WA5NTI

Treasurer's report – Terry / KC4DV gave the report, motion by David / KG4GIY, seconded by / Art W1CRO approved as presented.

Membership – Luther / KJ4FDK reminded members to pay their dues and read a membership application by Jim / AA4KG.

ARES – David / KG4GIY reported that the first meeting of the new year was held last Saturday with a good turnout, the next meeting will be February 15th; and on April 12th the Marine Corp 17.75K marathon will be held in Prince William Forest Park.

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Repeater – Keith / KM4AA reported nothing new, Terry / WA5NTI reported on the linking of our repeater with Woodbridge, we now have all the equipment, Woodbridge Wireless has their end running and we need to complete the link.

Training – Mark / WA4KFZ starts his next Technician class on February 4th, the flyer is out and posted on the OVH web site, John / KG4NXT is working on setting up a VE session after the last class; Al / KB4BHB has asked if anyone has thought about moving the VE Session and classes to the fire department on Linton Hall Road, Mark / WA4KFZ has thought about this as an option for future classes; Butch / W4HJL will talk to the Red Cross about the use of the room.

Hamfest – Terry / KC4DV has the 2014 Manassas Hamfest flyers printed and will take some to the Richmond Hamfest where he will be meeting with vendors and organizers, he is planning to go to Vienna Winterfest and the Dayton Hamvention with flyers; he also wants to have extra prize tickets for sale, these tickets will be available on line and can't be used for admission; the charges for spaces in the covered pavilions this year will be \$20 per space; we will also have programs again this year; also all advanced tickets will be mailed out this year, none will be picked up at the gate.

Field Day – John / KG4NXT reported that Phil / AC4PL has volunteered to cook for us this year; John / KG4NXT is looking for volunteers for the GOTA station.

Sunshine Corner – Theresa / KG4TVM announced the birthdays for the month and congratulated Ron / N4RDZ on upgrading to the Extra Class license.

4-H – Kristin / nocallsign reported that the last 4-H class on radio and electronics has been completed and they are working on putting together a field trip to see a ham radio station in operation.

New Business – Mark / WA4KFZ brought in a lot of equipment for sale, please make a donation to the club for anything you want, all funds will go to the scholarship fund.

Break

New Business – Clarence / K4CNM has obtained a 1x1 special event callsign, N4H, for the Youth Lounge event at the 2014 Manassas Hamfest. This is the same callsign that will be used at the County Fair this year;

Art / W1CRO passed around copies of the OVH's proposed budget for 2014 and a copy will be posted on the Members' Only web page at W4OVH.NET. The budget will be voted on next month.

Justin / KJ4LAS reminded everyone that nominations are needed for officers, elections will be at the February meeting.

Art / W1CRO also reminded everyone that the OVH's club constitution and by-laws are on the OVH's website at W4OVH.NET.

David / KG4GIY needs a current list of members for the club reflector, discussion followed on who (courtesy access for certain non-members of OVH?) should be on the reflector.

Meeting adjourned at 20:58 by Justin / KJ4LAS.

Reminders about some upcoming events / calendar dates:

PUBLIC SERVICE EVENT(S)

Sunday, March 30, 2014 - Mini-Tri event, OVH to assist with communications.

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HAMFESTS:

Sunday - February 23, 2014 - Vienna Wireless' Winterfest at NVCC Annandale Campus. Check out <http://www.viennawireless.org/winterfest.php> and the flyer later in this Newsletter. Close by and always easy to attend.

Saturday - April 5, 2014 - Timonium, Maryland - Maryland Fair Grounds - Hamfest. For more information, check out <http://www.gbhc.org>

Friday - Sunday - May, 16, 17 & 18, 2014 - Dayton Hamvention - Dayton, Ohio - held every year in mid-May and the biggest hamfest in the world. A group from the OVH always attends. For more information, go to <http://daytonhamvention.org> Note: if you're planning to go to Dayton, don't forget to also consider attending, the excellent all day Contest University program there on Thursday, May 15th. See below for more info about Contest University.

Sunday - June 8, 2014 - OVH Manassas Hamfest - being sponsored by the Ole Virginia Hams this year for the 40th time at the Prince William County Fairgrounds, Manassas, Virginia. See the Flyer later in this newsletter and also look at: manassashamfest.org and w4ovh.net (hamfest tab) This is a very big event for the OVH each year. Contact Terry / KC4DV for more information.

TRAINING / SEMINAR EVENTS:

Second Thursday evening each month, AMRAD meetings, McLean, Va. - see amrad.org for details.

Thursday - May 15, 2014 - Dayton, Ohio. Contest University. This training / tutorial / seminar event is held one day before the start of the Dayton Hamvention each year so that the trip to Dayton, Ohio can include both events. Much of the material presented by the world class lecturers at Contest University is directed towards optimizing the performance and operation of HF ham radio stations. As such it is oriented to more advanced or experienced hams, and is an intensive full day program with meals provided. The program and the lecturers change each year. Worth attending if you operate on HF. Much more information at <http://contestuniversity.com> Two OVH members attended this program in 2012 and 2013.

OPERATING CONTESTS:

Saturday / Sunday - March 15 / 16, 2014 - the Virginia QSO Party sponsored by the Sterling Park ARC. More info at http://www.qsl.net/sterling/VA_QSO_Party/2014_VQP/2014_VQP_Main.html It's not too early to start planning for this one.

Information about many other operating contests almost every weekend and each month can be found on the WA7BNM's excellent web at <http://www.hornucopia.com/contestcal>

NEXT 2014 OVH MANASSAS HAMFEST COMMITTEE MEETING:

Wednesday - March 5, 2014 - contact Terry / KC4DV and watch the OVH email reflector for updated information about the time and place. This will be the sixth advance preparation and planning meeting for the 2014 OVH Manassas Hamfest. All interested individuals are welcome to attend.

PUBLIC SERVICE / TRAINING / ARES EVENTS

Check the online Calendar by David / KG4GIY at <http://www.pwcares.org> for latest 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.

SPOTLIGHT ON MEMBERS - CRAIG / WA3UFY

Back in the very early years of my life, I was a Boy Scout and learned the Morse code for a Merit Badge. Alas, my life seemed to become predestined from that day. Fast forward. I joined the Navy and really learned to send and receive code. Later, I learned electronics and how to work and fix telecommunications equipment, then I was transferred to Scotland, where eventually I met my wife Connie, whose father just happened to be a ham, GM6RI, who provided my first real exposure to Amateur Radio. Fast forward again. Upon discharge from the Navy, a friend of mine and I were approached by a man who recognized our navy job insignia and offered each of us employment with a U.S. government agency. I took the job and after more training, I was eventually transferred to Turkey, where no amateur radio was permitted at that time. Then Uncle Sam said Laos, and yes they allowed amateur radio, and this is when I really became enthused. Long story short, my Elmer was a friend named Mark who guided me through the necessary steps to get my General license. Basically, all I needed to master were the rules and regulations as I already had the operational and electronic skills, including Morse code. Eventually I received my U.S. license (WA3UFY) and was allowed to join all of the other XW8 amateurs. What a bonanza! Probably the most exciting time of my life having such a rare call (XW8FB); plus I built my own Heathkit SB-401 transmitter and SB-303 receiver (both could be linked together and become a transceiver - and they worked very well). An operators dream -- pile-ups galore. Then came the bummer, Uncle Sam says move on to Greece (SV0WE), just as much activity, but not quite as intense. Then Uncle Sam says you need to move again, this time to Burma - real bummer - no radio whatsoever. Finally, Uncle Sam says time to come on home, and yes, you can be a ham there, ham! When I returned to the U.S., I took a brief hiatus, but in short time I met up with two OVH club members Charlie / WA4YGI and Butch / W4HJL who invited me to meet and join the Ole Virginia Hams Amateur Radio Club (W4OVH) in Manassas. That I did! What a great group of guys and gals; which led me to many different experiences within the club. It was just as good as pile-ups, but many activities that I had not been involved with in the past, Field days, ARES, Hamfests, etc.



L to R: Charlie / WA4YGI,
and Craig / WA3UFY

But, in 2010 when we moved to Arizona, I did decide to keep my OVH membership I really look forward to and enjoy your monthly newsletters. It is a chance to keep in touch by getting to see and read what is going on back east. Out here in Arizona, I am not on the air, HF-wise, that is until my wife allows me to make penetrations through walls and put up a stealth antenna for HF. Hopefully our HOA won't get wind of that. At present, most of my activity is VHF/UHF with a repeater located half-way up a mountain overlooking the valley, 20 mile line of sight. We do get to use a remote station site on-line, but it is first-come first-served. We also do several parades, provide event communication security, Special Event operations, and have the use of an outside antenna (a huge 40 foot conical monopole) at the Titan Missile Silo Site which gets a great deal of attention, especially by the many military personnel who were stationed here within the 100 mile area. We also have many fiestas for Special Events. Much like the OVH, we have over 100+ participants, but only about 1/3 of them are really active. Many are winter-visitors and are here from about September to April; then they boogie back to the northwest, northcentral, and northeast. The temperatures here are somewhat seasonal; we have a very short spring and fall with a very hot summer (100f+). You know it is summer when your cold water shower is tepid. In the winter we occasionally get low temps in the upper 30F range, but it warms up quickly, and yes, it does snow here, twice this past winter (about ¼ inch each time and which melts in about an hour later).

My ham shack shares a large room along with all of my various hobbies; Genealogy Club, Camera Club, Ham Club, Shooting Club, Pickle Ball Club, and various volunteer work activities. .

Pass along my best 73's to OVH members, and I will let you know if and when my XYL permits to make any penetrations to the house and my room so I can get on HF bands regularly.

Craig / WA3UFY



Some Possibly Interesting or Useful Information - APRS & ADS-B

Many hams, including many OVH members have used and experimented with the APRS system (Automatic Packet Reporting System) over VHF/UHF packet radio repeaters. That system - which has been around since the 1990s - allows GPS receivers connected to VHF/UHF packet radios to communicate (broadcast) each user's position and limited other data over the packet radio repeater network. Descriptions, including the history of APRS may be found at <http://www.arrl.org/automatic-packet-reporting-system-aprs> which also provides links to past QST articles about APRS and other APRS resources. Clever APRS implementations allow APRS (location and other) data for connected APRS equipped stations to be displayed visually on computer map images in very close to realtime. APRS allows connected users in motion (e.g. in a moving vehicle) to be visually tracked by other users, and connected users in special tactical or emergency situations to exchange precise local location information and limited other data via computer screen. Ham radio APRS is a mature technology and effective for these specialized uses and undoubtedly will be around in the future.

Recent developments in (international and U.S.) Air Traffic Control systems and related aircraft avionics systems, specifically ADS-B (Automatic Direct Surveillance - Broadcast) systems, have spawned interest by hams in realtime tracking of aircraft in flight and obtaining aircraft flight data. See QST for January 2014 (<http://www.arrl.org/files/file/QST/This%20Month%20in%20QST/January%202014/VirtualRadarJan2013QST.pdf>) for an ADS-B article. Commercial and private IFR flights have long been trackable on <http://flightaware.com>. The site <http://flightradar24.com> recently added user receiver provided ADS-B data to FAA tracking data for near realtime flight tracking. This is similar to how <http://liveatc.net> has been obtaining and providing over the Internet for years aircraft-ATC VHF voice communications from receivers from participating users. Google: wiki ADS-B or ARRL ADS-B and see <http://wiki.radioreference.com/index.php/ADS-B> for more information.

ADS-B data can be received at UHF frequencies, including using satellite dongle type receivers with which some OVH members have experimented. See http://www.sprut.de/electronic/pic/projekte/adsb/adsb_en.html More capable designs are available too: <http://www.qsl.net/dl4mea/fpgaadsb/fpgaadsb.htm> and <http://www.modesbeast.com> See also: http://www.modesbeast.com/resources/Koellner_Projekt-ADSB3.pdf An assortment of freeware and relatively low cost software is available - see, <http://www.virtualradarserver.co.uk/Download.aspx> and <http://www.coaa.co.uk/planeplotter.htm> - to decode and display on a computer screen map received ADS-B data. Experimentation with ADS-B receiving systems for flight and flight data tracking involves UHF antennas, UHF data receivers, digital processing hardware and software and computers - all items of interest to many / most modern hams!

RE M I N D E R



Yes, it is that time of year again!!!! Below is the 2014 Renewal Application.

Please fill out the form below (for database), attach your check and mail to the address below or drop off at a meeting. Be sure to update all information, including your e-mail address, telephone number(s) and nine digit ZIP

MEMBERSHIP RENEWAL APPLICATION "OLE VIRGINIA HAMS AMATEUR RADIO CLUB" 2014

NAME: _____ CALL SIGN: _____
ADDRESS: _____ Home Tel: _____
_____ Cell Tel: _____
Work Tel: _____
EMAIL: _____
BIRTHDAY: _____

ARE YOU PRESENTLY AN ARRL MEMBER? (YES/NO)
ARE YOU A VOLUNTEER EXAMINER: (YES/NO)
MAY YOUR TELEPHONE NOS. BE LISTED IN THE "Members Only" OVH ROSTER? (YES/NO)
WHAT IS YOUR PRESENT LICENSE CLASS? _____

Dues are now **\$20.00** per year and payable on January 1, 2014. Dues for each additional family member living at the same mailing address are \$10.00. Dues for a full time student at the college undergraduate or lower level [list school attended and grade or level: _____] are \$10.00.

NAME AND CALL OF FAMILY MEMBERS: AMOUNT ENCLOSING: _____
Name: _____ Call: _____
Name: _____ Call: _____

Return to: **Treasurer, OVH**
P.O. Box 1255
Manassas, VA 20108-1255

WINTERFEST!™

THE NATIONAL CAPITAL AREA HAM RADIO FAIR

- Ham Radio, Electronics, and Computer Parts, Pieces, and Paraphernalia
- Large Indoor Exhibit Area
- QSL checking for WAS, DXCC, VUCC
- 150 Paved Tailgate Spaces
(\$15 for one space—includes one admission)
- Improved and expanded loading dock!
- FREE On-Site Parking

TAILGATING!
Tailgate area opens at 6AM on
Sunday, February 23rd



When: Sunday, February 23, 2014

**Where: Northern Virginia Community College
Annandale Campus
8333 Little River Turnpike
Annandale, VA
38.833216° N, 77.236872° W**

Cost: \$7.00 per person

Indoor Exhibit Area Opens to Public at 8AM



**Vienna Wireless Society
PO Box 418
Vienna, VA 22183**

**General Info – Jack, AI4SV
Winterfest2014@viennawireless.org
(314) 266-8426**

<http://www.viennawireless.org/winterfest.php>

**Table Sales – Doug, AK4AO
tablesales2014@viennawireless.org
(703) 698-6158**

NORTHERN VIRGINIA'S LARGEST

Manassas Hamfest

AMATEUR RADIO, COMPUTER, & ELECTRONICS SHOW

An ARRL-Approved HAMFEST Presented By:

The "OLE VIRGINIA HAMS" Amateur Radio Club, Inc.

(A non-profit organization dedicated to the promotion and enhancement of Amateur Radio)



Sunday, June 8, 2014

Prince William County Fairgrounds

Large Outdoor and Covered Pavillion flea market areas, two indoor air-conditioned buildings, several covered buildings and ample parking

10624 Dumfries Road, Manassas, VA 20112-2720 (Route 234) - TALK-IN 146.97- 442.200+ D-Star 442.5125+

INDOOR EXHIBITOR SPACE

8-foot tables: \$30* each
with chairs & electricity
(\$25 if reserved by May 1st)
Setup 2-10 PM Saturday

GENERAL ADMISSION

\$10* per person at gate
(Cutoff date for \$9
advance Sales May 1st)
Gates open at 7 AM

TAILGATING (admission is extra)

Outdoor Spaces: \$10* per space
Covered Pavillion: \$20 per space
(*See web site for prepayment discounts)
Gates open at 6 AM
Setup 2-10 PM Saturday

* Online ticket sales and vendor registration at <http://manassashamfest.org>

For our Most Current Vendor List and Ticket Sales Visit our Web Pages:

<http://manassashamfest.org> and <http://w4ovh.net>

PRIZES

- Door prizes hourly 9 AM to 1 PM (be present to win)
- Major & Tailgate prizes awarded at 2 PM

INFORMATION

- ARRL Roanoke Division Officers attending
- Virginia Section Manager Forum & other Forums
- 4th Call Area QSL Bureau Representatives
- DXCC QSL Card Checking will be available
- Virginia QSO Party Awards Ceremony
- Youth Lounge activities for Youngsters

ACTIVITIES

- Check our web pages (below) for the most up-to-date information
- Flea Market & Vendors - all day
- VEC License Exams, 8:00 AM - 10:30 AM
- "Maker" group activities & presentations
- ARRL style Youth Lounge programs all day for youngsters - by the OVHARC and 4-H
- D-STAR Operating and Q&A Forum
- Amateur Radio Satellite Forum
- National Traffic System Forum

<http://manassashamfest.org> and <http://w4ovh.net>

Dealer Info: Ron (N4RDZ) vendors@manassashamfest.org
General Info: Terry (KC4DV) chairman@manassashamfest.org
VE Testing: David (KG4GIY) vetesting@manassashamfest.org