

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

Renew your OVH membership now!

February 2018

Next Meeting: Tuesday, February 20, 2018

PRESIDENT'S LETTER:

Greetings one and all, and I hope this message finds you all healthy and well. The Richmond Frostfest has come and gone, and a thank you is owed to Don / WA2SWX for his attendance at that event to promote the OVH Hamfest. Up next locally is the Vienna Wireless Winterfest which will take place March 18th in Annandale. It's close by and easy to attend. Plans are well underway for our own Manassas Hamfest, coming up on Sunday, June 3rd. There are still many ways club members can help with that. We also have a Technician Class session in progress led by Mark / WA4KFZ.



It's time again for club elections and we will be voting at the February meeting for club officers. The newly elected officers will be seated at the March meeting. If you have the time, and want to serve the club, it's a great way to give back to the club and our great hobby. With that, I again must remind club members who haven't done so already, to please renew your memberships for 2018! 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 from 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.

With Spring right around the corner, the activities are starting to get closer and busier. We have the Mini-Tris that are approaching. The OVH Manassas Hamfest will be on June 3rd. The 2018 OVH Field Day location will be at the Nokesville Park again this year. The Manassas Airshow will be on May 6 - will the OVH participate this year? This would be a great opportunity to show off OVH and our hobby to others and recruit new members.

The next regular OVH will be held on Tuesday, February 20th, at 7:30 pm in **Cont'd on Page 3**

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) Blasdel	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
----------------------------	---------------	----------

HAMFEST 2018 - Chairman

Don	WA2SWX	597-3211
-----	--------	----------

FIELD DAY 2017 s

Byron	AK4XR	222-2095
-------	-------	----------

CLUB ROSTER / DATABASE

Arthur	W1CRO	791-4330
--------	-------	----------

EDUCATION

Mark	WA4KFZ	818-8033
------	--------	----------

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
---------	--------	----------

CO-WEBMASTERS — W4OVH.NET

Kevin	KX4KU	540-439-3289
Andy	KJ4MTP	786-4651

TWITTER & FACEBOOK ACCOUNT MODERATOR

Jeff	KM4FTK	830-4155
------	--------	----------

EMAIL REFLECTOR — w4ovh@googlegroups.com

David Lane	KG4GIY	628-3868
------------	--------	----------

JOTA - 2018

John	KG4NXT	257-3566
------	--------	----------

LEGAL

Bob	K4HJF	282-2451
-----	-------	----------

MEMBERSHIP CHAIRMAN

Luther	WA3FMO	361-4885
--------	--------	----------

NEWSLETTER

Paul	W4ZB	754-0910
------	------	----------

NEWSLINE FOR THE WEEKLY NET

John.	KG4NXT	257-3566
-------	--------	----------

PROGRAMS

Jeff	WB6UIE	791-5916
------	--------	----------

QUARTERMASTER

Steve	N4OGR	361-0008
-------	-------	----------

REPEATER CONTROLLERS

John	KG4NXT	257-3566
Ken	KE2N	753-8587
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
-----	------	----------

W4PVA — TRUSTEE

Arthur	W1CRO	791-4330
--------	-------	----------

SCHOLARSHIP

Theresa	KG4TVM	257-3566
---------	--------	----------

SUNSHINE

Theresa	KG4TVM	257-3566
---------	--------	----------

TECHNICAL COMMITTEE

Ken	KE2N	753-8587
John	KG4NXT	257-3566
George	K4GVT	791-5956
Arthur	W1CRO	791-4330
Butch	W4HJL	369-2877
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 Tuesday at the Buckhall Volunteer Fire Department Station, 7190 Yates Ford Road, Manassas, Virginia. 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 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.

Approx. Circulation - 170.

Last Rev: 20180215

the conference room at the Buckhall Fire Station, Manassas. In addition to the elections, etc. there will be a presentation about the upcoming Virginia QSO party. Hope to see you there. Send any thoughts/ideas/comments to me at: RayKnight@Verizon.net

73 Ray KM4EKR

Sunshine Corner:

Happy birthday wishes for February to the following club members: Roland / WB4NWX, David / W5DRR, Richard / (no call), Gavin / KK4MXT, Dick / WN7S, Harvey / WB6TTF, Jeff / WB6UIE, Stephen / KK4UZC, Patty / KI4FQF, Norman / KK4HDL, Art / W1CRO and Katie / (no call).

Apologies to John / KI4OWH for missing his birthday in January, hope you had a great day!

February is election time for the OVH, a very appreciative thank you to Ray / KM4EKR, Jeff / WB6UIE, Byron / AK4XR and Terry / KC4DV for serving as the club officers this past year. To be able to run for office or vote at the meeting, your club dues must be paid up!

Butch / W4HJL is back home again – we are all very happy to hear this! We hope he is done with the hospital visits. Please do call (telephone or one the air) or email him.

Joe / KI4OHR is continuing to recover from his fall, glad he did not have to have surgery!

Get well wishes to Ken / KE2N from his illness and stay in the hospital. Also, get well wishes to Hanna, Al / KB4BHB's wife, who has been under the weather

Paul / W4ZB reports he has been pursuing additional FAA flight instructor ratings and doing lots of flying about. He recently passed additional flight tests for Multiengine Instructor (MEI) rating and Certified Flight Instructor Instrument (CFII) rating for airplanes.

Special thanks to Bill / KM4KWX and his wife Kathy for bringing me a vase of fresh flowers while I was home sick.

If you have been ill from the flu as many of us have been, hope you feel better soon!

Mark your calendar for the Virginia QSO Party is March 17 - 18. Gordon / NQ4K from the sponsor of that event is scheduled to have a presentation and Q&A at our February meeting to discuss the QSO Party. Jeff / WB6UIE and John / KG4NXT are both sponsoring plaques this year. PLEASE remember to turn in your log and identify the OVH on your log as your club.

Field Day 2018 is ramping up, please contact chairman Byron / AK4XR to get the details, planning meetings start this month.

Hamfest – continuing planning meetings are under way each month for this major annual OVH event, this year for its 44th year. More volunteers are always needed and anyone who is interested in participating or learning how such an even is put on may attend a planning meeting. Contact chairman Don / WA2SWX at email wa2swxdm@gmail.com

Continued on page 4

Also, please check out the club website (W4OVH.NET), the Twitter and Facebook pages (both W4OVH) for up to date information. For those who are not Twitter or Facebook user, the OVH closed email reflector also has up to date information.

Please try to check in to the Thursday night VHF/UHF FM net. You will hear updates and information on everything going on! How to do that is on the OVH web site at <http://w4ovh.net>. You will find us on the 146.970 and 442.200 FM repeaters at 8:00 PM every Thursday evening.

Stay warm, Spring will be here soon!

73 Theresa KG4TVM

Minutes of the Ole Virginia Hams Amateur Radio Club Meeting held on January 16, 2018:

OVH President Ray KM4EKR, called the meeting to order at 7:30 pm on January 16, 2018 in the main conference room at the Buckhall Volunteer Fire Department Station.

After the Pledge, all present stated their names and call signs. There were OVH 36 members and 4 guests present.

Minutes: There were no minutes for December 2017 because the informal meeting occurred during the annual Year End Holiday Party. Motion to accept the November, 2017 minutes as they appeared in the December 2017 OVH Newsletter by Jay / NQ4T, seconded by Theresa / KG4TVM, motion passed. As a note even though minutes were not kept, you can see pictures of the Holiday Party on the Club web site.

Sunshine-We had three silent keys (SKs) recently. Milt Warnock / N4SN, Tom McDonald / KB1FLK, and Doris Spooner / KI4DAL.

Training- Mark / WA4KFZ reported that there will be a Technician license class offered online starting January 29, 2018. You can check the club web site at W4OVH.NET for more information about that. John / KG4NXT will be scheduling a VE session after the class completes.

Treasurer's report – by Terry KC4DV. Motion to accept the report by Wayne / N7QLK, seconded by Sandy / KM4JUS, motion passed.

Membership- Luther / WA4FMO read in Richard North (no call), Harry Zint (no call), and Ken Brant / KN4HHO. Luther made a motion to vote in John Price / KI4OWH, seconded by Theresa / KG4TVM and John Price / KI4OWH, was voted in as a new member.

Presentation by John / KG4NXT, Al / KB4BHB, and Joe / KI4OHR on the SDR Play product and how to use it. The power point presentation will be posted on the club web site.

Hamfest- Don / WA2SWX reported. Most of the OVH's base requirements have been met; we have secured the date of the fairgrounds, arrangements for table & chair provider vendor, Hamfest flyer creation, QSL Bureau presence, 4H attendance, ARRL approval and support, and VE activities. We are now concentrating on table sales, volunteer sign ups and presentations. Support from the Club has been big and greatly appreciated.

Cont'd on page 5

I think it will pay off with a great event in June. The next Hamfest planning meeting will be February 13, 2018. Check the reflector for location as the date gets closer.

Field Day - The first planning meeting was held Monday January 15, 2018 at Sam and Joes led by Byron Dillon. Discussions ranged from the number of transmitters, location arrangements, QRM from the restrooms, and possible use of tuning stubs and filters to prevent interference between radios. Good news, Phil has agreed to be our Executive Chef again for this year's Field Day which will be held again at Nokesville Park. The next planning meeting will be February 6, 2018.

Sunshine- Theresa reported that the OVH received a "thank you" from Toy for Tots in the form of a nice certificate from the Marine Corp. She also wished Ken / KE2N a Happy Birthday.

50-50 – Andy KJ4MTP won the 50/50 drawing and donated his half to the club. \$7 was raised.

Next month we will be holding elections for the club leadership. Remember you must be a current member to run for an office or to vote. Terry KC4DV will have forms with him at the next meeting so you can pay your dues then or go online and pay them.

Motion to adjourn the meeting offered by Al KB4BHB, seconded by Cat / KM4PBD, passed and meeting adjourned..

Reminders about some upcoming events / calendar dates:

HAMFESTS

March 18, 2018 (Sunday) - early morning through midday - Winterfest put on by Vienna Wireless at the NVCC Annandale Campus. See flyer later in this Newsletter.

May 18 - 20, 2018 (Friday - Sunday) - the Dayton Hamvention, the biggest Hamfest in the USA at the Greene County Fairgrounds, Xenia, Ohio. Groups of OVH members usually go; every Ham should go - at least one time, even if just for one or two days. Save the dates. Go to <http://hamvention.org>

June 3, 2018 (Sunday) - the Manassas Hamfest which is being put on for the 44th time by the OVH. The Flyer for the 2018 Manassas Hamfest is included at the end of the Newsletter. Also, more info at <http://manassashamfest.org> and at <http://w4ovh.net> (Hamfest tab). Plan to attend this OVH event!

HAM RADIO RELATED / PUBLIC SERVICE / OVH CLUB EVENTS:

May 17, 2018 (Thursday) - Contest University program at Dayton, Ohio - a full day, intensive training sessions on many timely topics for advanced radio amateurs just before the Dayton Hamvention. Although the program overall has a contest focus, it includes a large amount of non-contest general and specific information about how to effectively improve any ham station. Highly recommended. Go to <http://contestuniversity.com> for more details about attending this.

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.

Cont'd on page 6

HAM RADIO OPERATING / CONTEST EVENTS:

March 17 - 18, 2018. Virginia QSO Party sponsored by the Sterling Park Amateur Radio Club. This is very popular each year. More info at <http://www.qsl.net/sterling/uf1.htm>

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://pwcared.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.

UPDATES CONCERNING THE OVH REPEATERS - FROM KEN / KE2N

The following technical information recently (February 2018) appeared on the OVH closed email reflector system thanks to Ken / KE2N; it is important enough for all the repeater users to be repeated here so it can be easily found later by a web Google search:

The 146.97 FM repeater is now transmitting a 100 Hz CTCSS tone. It is no longer necessary to use a 100 Hz tone to access the repeater. You can use 100 Hz tone squelch on your radio to prevent hearing unwanted signals and noise bursts. If you have a newer DSP radio, you will not hear the 100 Hz tone at all as it will be notched out. If you have an older radio (and a big speaker) you may hear the “hum” of the tone, at a low level.

The new Arcom RC210 controller is now responsible for the operation of the 2 meter and 440 repeaters at the Mt Pone site. The controller has a battery backup connection and is controlled by DTMF codes into any of the receive ports. For technical details on the Arcom RC210 controller and how it works and can be used, go to <http://www.arcomcontrollers.com/index.php/documentation/rc210-related>

Some fine-tuning of audio levels may yet be required, but basically it seems to work. The courtesy tone of either repeater is distinctly different when the repeater is linked to another audio source. We should be able to link 2m and 440 for the net tomorrow.

The 442.2 machine is still operating as a Yaesu Fusion repeater with Automatic Mode Select and Wires-X connectivity (node 30357) – but only the analog mode audio is forwarded across the link. The link between the ARCOM and the DR-1X is ARCOM’s ADR Interface, which is specifically designed for this purpose. For more technical details on the Yaesu Fusion repeater, see https://www.yaesu.com/pdf/System_Fusion_text.pdf

The third port of the controller is connected to an Asterisk server (HamVOIPv1.5) using a “RIM-LITE” USB module designed specifically for interfacing ARCOM to VOIP. Asterisk and the Allstar Link Network offer many linking possibilities – one of which will be linking the 220 repeater at NOVEC. The Allstar node number of W4OVH/R is 46931. (See below for how to check the status of that node.)

For more details on HamVOIP software and setup, see <https://hamvoip.org/#howtos> For more information about the RIM-LITE USB module, go to <http://www.repeater-builder.com/products/usb-rim-lite.html>

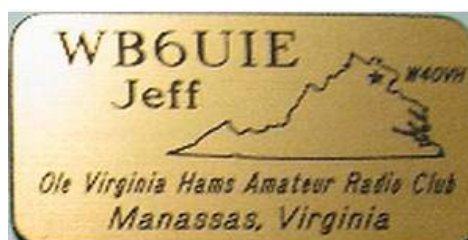
For more information about the Allstar Link Network generally, see <https://allstarlink.org/about.html> Go to <http://status.allstarlink.org/nodeinfo.cgi?node=46931> to find out the current status for AllStar Link Network Node 46931 for W4OVH/R,

VP's Corner

Jeff Fuller
WB6UIE

It seems our recruiting efforts have been paying off with several new members joining the club recently. When you see them at a meeting or club function, please take a minute to introduce yourself and welcome them to OVH.

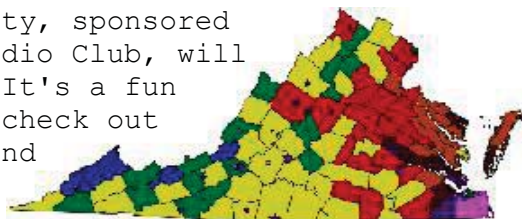
Club recognition has definitely helped our recruiting. So, as spring approaches with Hamfest and other activities, this would be a good time to order your club polo and nametag if you don't already have them.



<http://www.thesignman.com/clubs/ovhcart.html>

Nametags can be ordered from the above link. It will be some time before our next custom polo order. However, I have several generic polos (club logo but no name or callsign) available for purchase. E-mail me with your size and I'll check stock.

This year's Virginia QSO Party, sponsored by the Sterling Park Amateur Radio Club, will take place on 17 and 18 March. It's a fun contest as well as a chance to check out your low power emergency gear and NVIS antenna to see just how much of Virginia you can effectively cover. Here's contest web page:



http://www.qsl.net/sterling/VA_QSO_Party/2018_VQP/2018_VQP_Main.html

For more info about the Virginia QSO Party, join us for a presentation by Gordon, NQ4K, at the February OVH meeting.



Some Possibly Interesting or Useful Information

1. Remember Radio Shack? There may still be a few stores around. In the 1960's many of the early Radio Shack stores carried various lines of ham radio equipment. From late-1970's well into the 1980's, Radio Shack carried lines of microcomputers using proprietary operating systems - which predated the PC. If you want to revive old memories to follow the progress of these types of equipment over the years, you can find a whole series of Radio Shack catalogs from the 1960's onward at <http://www.radioshackcatalogs.com>

2. Radio Shack formerly published paperback guides and texts relating to electronics and computers with basic information, much of which is still valid. Almost all of those are out of print and almost impossible to find; however, you can find a comprehensive set of those are online at https://archive.org/details/tandy_books

Cont'd on page 8

3. Remember the ham radio magazine from publisher, W2NSD/1, Wayne Green: 73 Magazine which was published monthly from 1960 until about 2003? Wayne Green, a former submariner during WWII and an early RTTY ham operator when RTTY was first permitted in the early 1950s, was well known in his day for his fiery editorials in 73 Magazine which were often critical of the ARRL and some of the personnel at CQ Magazine where he had previously worked. He almost always had something interesting to say - and he was a good writer and editor. 73 Magazine went up and down in the number of pages in each issue from 60 pages or so to as much as 300 pages. The 43 year span of 73 Magazine chronicles the development and evolution of ham radio from the 1950's into the very early 2000's. Some of the major changes during that period - the AM voice mode (AM = amplitude modulation) virtually died out on HF by the late 1960s, replaced by SSB, and on VHF/UHF by the early 1970's, replaced by narrowband FM and SSB. Ham radio VHF and UHF repeater system were developed and proliferated by the early 1970s. Digital modes progressed from CW (a manual digital mode) to RTTY which became very popular in the 1960s and 1970s using surplus or semi-worn out commercial teletype machines which often could be purchased for \$100 or less. Later, in the 1990s PSK31 and other much more advanced digital modes (such as we still have today) based upon computer processing were developed and became popular. If you want to skim through that history, you can find the full set of 73 Magazines online for free at <https://archive.org/details/73-magazine> The magazine often had memorable covers: for example, the October 1964 issue had a drawing of the White House with a triband HF antenna on top with question: A Ham In The White House? Recall that Senator Barry Goldwater / K7UGA was running against President Lyndon Johnson that Fall. Your editor (here) has a favorable memory of Wayne Green who paid him in 1965 \$80 (a lot more money back then when the minimum wage was \$1.25/hour) for an article (which was then published) in 73 Magazine which he had written a year or two earlier while still in high school.

4. Another online resource for those with historical interest in the development of radio and communications systems is the Bell System Technical Journal published from 1922 to 1983. That journal, the preeminent, high quality technical journal of Bell Telephone Laboratories, chronicles the development of modern voice, data, switching and network, and image communications systems - almost from the beginning through the early 1980's. The full set of those journals can be found at <https://archive.org/details/bstj-archives>

5. A retired chemistry professor at the University of Maryland has created an elaborate web site with a massive amount of material about Digital Signal Processing. His main interest and orientation is towards digital signal processing in a measurement and instrumentation context, but signal processing is a topic and subject which is important to all modern communications systems. His site is <https://terpconnect.umd.edu/~toh/spectrum> If you want to learn more about the technical aspects of Signal Processing that web site is worth some of your time. You can also download a PDF there (<https://terpconnect.umd.edu/~toh/spectrum/IntroToSignalProcessing.pdf>) of a book titled, Introduction to Digital Signal Processing.

6. Skywarn is an organization which attempts to organize volunteer weather observers to assist the National Weather Service (NWS) with monitoring and reporting severe weather events. See, [Skywarn.org](http://skywarn.org) Skywarn volunteers do not have to be hams, but because hams have communications capabilities to report observations by radio almost instantly, some become interested in Skywarn activities. However, no one inherently know how to make a usable weather observation (of severe or convective weather) which can be accurately communicated to NWS. (For example, what do I mean if I say: "I see a bad storm coming!") Training is required for Skywarn observers to learn both meteorological terminology and what is important to look for when making an observation of severe (usually convective) weather. A series of separate online courses are available for interested Skywarn observers at <http://meted.ucar.edu> These excellent courses are free, but you must sign up for an account before you can access them. You can find the courses by searching for "Skywarn" at the METED web site. The ARRL also has publications about Skywarn and Storm Spotting for those who are interested.

7. In the very early 1960s when your editor first became a ham, the ARRL assisted in the organization and promotion of various types of radio nets and even published a printed Net Directory to keep track of all of them. You could request a copy which ARRL would mail out to you. Now, the ARRL makes its electronic Net Directory searchable online: <http://www.arrl.org/arrl-net-directory-search>

REMINDER



Yes, it is that time of year again!!!! Below is the 2018 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" for 2018

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, 2018. 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.

AMOUNT ENCLOSING: _____

NAME AND CALL OF FAMILY MEMBERS:

Name: _____

Call: _____

Name: _____

Call: _____

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

WINTERFEST!™

~The National Capital Area Ham Radio Radio Fair ~

- Ham Radio, Electronics, and Computer Parts, Pieces, and Paraphernalia
- Licensing Exams -- get licensed or upgrade today
- Large Indoor Exhibit Area
- QSL checking for WAS, DXCC, VUCC
- 150 Paved tailgate spaces
- Improved and expanded loading dock
- FREE On-site parking
- Bring a Friend

FEATURING

~ Indoor Exhibit Area ~

Opens at 8:00 AM

~ License Exams ~

11:00 AM - 1:30 PM

Walk-ins encouraged!

~ QSL Checking ~

8:00 AM - Noon

~ Tailgating ~

Tailgate area opens at 6:00 AM

Sunday, March 18, 2018

Northern Virginia Community College

Annandale Campus

Richard J. Ernst Cultural Center

8333 Little River Turnpike

Annandale, VA



Admission: \$10.00 per person

Tailgate spaces: \$20 for one space (includes one admission) +\$10/each additional space

Talk-in 146.91 Courtesy of Fairfax ARES and the NVFMA

More Information at

<http://www.viennawireless.net/wp/events/winterfest>

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

**Table Sales -- Doug, AK4AO
tablesales2018@viennawireless.net
(703) 698-6158**

NORTHERN VIRGINIA'S LARGEST

Manassas Hamfest



AMATEUR RADIO & MAKER TECHNOLOGY SHOW

An ARRL-Approved HAMFEST Presented By:

The OLE VIRGINIA HAMS Amateur Radio Club, Inc.

(Featuring Youth Lounge Activities for the Youngsters Attending!)



Sunday, June 3, 2018

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 - Route 234 - Manassas, Virginia -- Talk-In Repeater on 146.97-

INDOOR EXHIBITOR SPACE

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

GENERAL ADMISSION

\$10* per person at gate
(Age 18 and younger: no charge)
(*See web sites for prepayment discounts before 5/15/2018)
Gates open at 7 AM

TAILGATING (admission is extra)

Outdoor Spaces: \$10* per space
Covered Pavillion: \$15 per space
(*See web sites for details about online prepayment discounts before 5/15/2018)
Gates open at 6 AM

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

For our Most Current Vendor Info, Lists 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 Forum and Awards
- Check our web pages (below) for the most up-to-date information

ACTIVITIES

- Flea Market & Vendors - all day
- VEC License Exams: 8:00 AM - 11:00 AM (\$15.00 Fee per Examinee at the VE Exams)
- ARRL style Youth Lounge programs all day for youngsters - by the OVHARC and 4-H
- Maker Robotics Corral and Demos
- Amateur Radio Satellite Forum
- BroadBand Ham Networks ("BBHN") Forum
- "Maker" group technology demonstration
- More Forums to be announced, check web sites

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

Dealer Info from Sandy / KM4JUS: vendors@manassashamfest.org
General Info from Don / WA2SWX: chairman@manassashamfest.org
VE Testing / Exam Information: vetesting@manassashamfest.org