

The OVH ARC Newsletter
"OLE VIRGINIA HAMS" AMATEUR RADIO CLUB, INC.
Post Office Box 1255, Manassas, Va. 20108
FM Repeaters - W4OVH - 146.970- & 224.660- & 442.200+
D-STAR Repeater - W4OVH - 442.5125+
OVH Packet - Port 1: 145.730 Mhz, Port 3: 223.540 MHz - Sysop: Bill/N4SV
<http://www.w4ovh.net>

OLE VIRGINIA TIMES

May 2011

Next Meeting: Monday, May 16, 2011

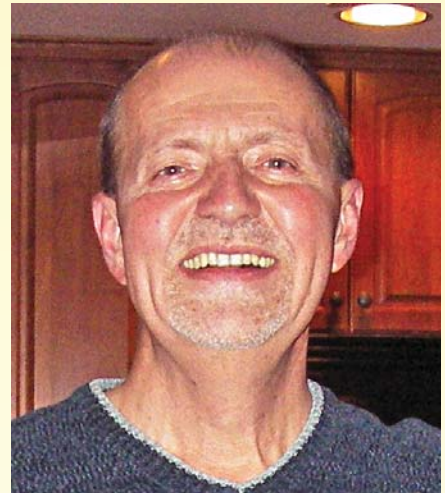
PRESIDENT'S LETTER:

Greetings, hope all are doing well. Most of you are aware we are planning the OVH Hamfest which will be here before long, on Sunday, June 12th. In preparation, the Hamfest committee has been working hard for many months on the site, volunteers and vendors and the many other aspects which must be attended to for another successful Hamfest.

Just last week I received unfortunate news from KJI, one of our vendors: they will not be able to attend this year due to a just diagnosed terminal illness of one of KJI's key staff. But fortunately, after calls to several other equipment vendors, I found dBj Radio & Electronics which will be attending and is looking forward to our Hamfest for which they require eight table spaces for their displays. One interesting item they will be selling is the Wouxun dual band HT which retails for about \$105. This inexpensive HT from China comes either in a 2M/220 or a 2M/440 version and received good reviews in the ham press. I can see this equipment as providing an easy way for local OVH member to re-populate the 220 band, especially OVH's 220 repeater which operates on 224.660 out and 223.060 in, with very good coverage but not a lot of utilization.

Also, as mentioned at the meeting on April 18th, we have been distributing OVH Hamfest flyers at all the local Hamfests since the beginning of the year. Later this month, Butch / W4HJL, Gene / N4HFW and I will attend the Dayton Hamvention (May 20th - 22th) to do more of the same. I hope each of you will find the time to come to the OVH Hamfest and support the Club.

At our April meeting we had an unusual situation. Before a vote was to be taken on whether to admit a former OVH member who had resigned several years ago, but now wished to rejoin, several members offered reasons against readmission, several gave reasons for readmission, and other members in attendance did not speak openly to the issues. The discussions were civil and each side which spoke offered good reasons to support its position. But when the vote was finally tallied and



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Ole Virginia Hams Amateur Radio Club, Inc.

Post Office Box 1255
Manassas, Virginia 20108

OFFICERS

President:	George Tarnovsky	K4GVT	791-5956
Vice Pres:	Wayne Kline	AG4ZZ	791-2100
Secretary:	Theresa Heartney	KG4TVM	257-3556
Treasurer:	Gary Gilham	WG4ARC	932-1118

DIRECTORS

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

WEEKLY NETS

Thursdays - 8:00 PM	JOHN H	257-3566
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HAMFEST 2011

Bruce	AB8CI	361-8873
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FIELD DAY 2010

John	KG4NXT /	257-3556
Theresa	KG4TVM	257-3556
Wayne	N7QLK	393-8447

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 AREA EMERGENCY COORDINATOR

David Lane	KG4GIY	361-3042
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F.A.R. REPS.

Ruth	KU4WH	331-1234
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FINANCE

Arthur	W1CRO	791-4330
Ruth	KU4WH	331-1234
Gary	WG4ARC	932-1118

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

Bill	N4SV	590-9562
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EMAIL REFLECTOR — w4ovh@googlegroups.com

David Lane	KG4GIY	361-3042
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JOTA

TBA.

LEGAL

Bob	K4HJL	282-2451
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MEMBERSHIP CHAIRMAN

Steve	N0DWB	349-1381
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NEWSLETTER

Paul	W4ZB	754-0910
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NEWSLINE

John H.	KG4NXT	257-3566
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PACKET

Alan	KD4KBX	330-8844
Bill	N4SV	590-9562

PROGRAMS

TBA

WINTER FIELD DAY 2011

Joe	KI4OHR	369-2639
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PUBLICITY

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
Alan	KD4KBX	330-8844
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	KG4TVM	257-3556
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TECHNICAL COMMITTEE

George	K4GVT	791-5956
Arthur	W1CRO	791-4330
Alan	KD4KBX	330-8844
Bill	N4SV	590-9562
Butch	W4HJL	369-2877
Karl	W4KRL	802-1527
David	KG4GIY	361-3042
Bob	K4HJF	335-1939

All tel. numbers listed 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 © 2011 by the Ole Virginia Hams.

The OVH ARC regular monthly meeting is at 7:30 p.m. every third Monday of the month at the Prince William County Red Cross Chapter House at 9930 Liberia Avenue, Manassas, Virginia. Members, prospective members and all other interested persons are invited to attend. Local information can also always be obtained through the OVH's FM repeaters on 146.97 & 224.660 Mhz. Up to date information about OVH activities and meetings is also available on the OVH web site at <http://www.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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compared to the requirement of the OVH Constitution and Bylaws, the individual seeking readmission failed to obtain the necessary vote and has not been readmitted as an OVH member. Since the April meeting, the question has arisen whether a non-member of the OVH may attend its meetings. Non-members have traditionally been invited to attend OVH meetings; there are usually non-members at most meetings; they are referred to in the Meeting Minutes tally of attendance as guests or visitors. Non-members (as well as members of the general public) are also invited to many OVH events. I can recall no instance ever in which a guest or visitor at a meeting or event was ever asked to leave due to disruptive or inappropriate conduct during the meeting or event. If you know any local Ham or other interested persons that is not an OVH member, please invite them to our meetings and club activities.

Our Ham community is a very diverse group but it is united by common shared interests in matters relating to the OVH and our hobby. We should respect each other for the knowledge and fellowship that brings us together. Ham radio should be used as a catalyst to bond the common base that we share with great enthusiasm. All of us should strive to be considerate and respectful of others when posting on the reflector, talking on the repeaters and the like.

I look forward to seeing all of you at the upcoming OVH regular meeting on May 16th!

73 George K4GVT

Sunshine Corner:

A very happy Spring Birthday to Chris / KI4POT, Bob / N4RL, David / KG4GIY, Bill / WA4FIC, Jack / N4YIC, Craig / WA3UFY, Blaine / KB4RKL, Susan / K3SSP, Jim / W4JTP, Bruce / AB8CI and John / KG4NXT.

To all the bakers in our club, I'm once again asking for donations for the bake sale table at the Hamfest on June 12th. We have always had tremendous support from our members for this and have been able to make some money in the process. All proceeds are always donated, haven't decided yet where that donation will go this year. Thank you again for your support!

The OVH Hamfest is June 12th this year, if you haven't volunteered yet, please do we need as many hands as possible to help out.

Mark / WA4KFZ is conducting a Tech class as this is being written, the VE exam for this class will be held on May 25th. Thanks again to Mark for all his dedication, time and hard work.

Happy Mother's Day to all our moms!

Have a safe and happy Memorial Day.

Please send me your news to kg4tvm@hotmail.com or by telephone to 703-257-3566.

73 Theresa KG4TVM

Minutes of the Ole Virginia Hams Amateur Radio Club Meeting April 18, 2011:

George K4GVT called the meeting to order at 7:30 pm. Meeting was held at the Prince William County Red Cross Chapter House in Manassas, Virginia.

Following the Pledge of Allegiance, all present stated their names and call signs. There were 19 OVH members and 6 visitors.

No Program this month.

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BUSINESS MEETING

Minutes from the March meeting were approved as read.

Treasurer's report was given by Gary / WG4ARC; report was approved as read.

Membership – Steve / N0DWB read in Brian Maceyak (no class sign currently taking the Tech class); Application read in last month for Courtney Denby was put on hold until we receive dues; Brian / WC4J was read in last month, it was requested that paper ballots be used, floor was opened for a lengthy discussion pro and con, vote was held and tied, another vote was held, after review of the Bylaws, 2/3rd's of the votes were not affirmative.

ARES – Steve / N4OGR announced that there is a 5k run on May 7th at Cougar Elementary in Manassas Park, 8 am – noon, need operators to help out.

Scholarship – Jim / W4JTP has received one application to date and has gotten several inquiries, scholarship will be awarded at the May meeting.

Hamfest – George / K4GVT has received checks from vendors, he did meet up with vendors at the Maryland Hamfest and he will be handing out flyers in Dayton; Jim / W4JTP did tell us the attendance at Vienna was down.

Field Day – Randy / WB7RAV reported that work is being done on Field Day, discussion followed.

Sunshine Committee – Theresa / KG4TVM reported the birthdays; also reported that her nephew has made it home from Afghanistan.

BREAK

Web Page – Bill / N4SV asked for someone to take over the handling of the Club web site, he will continue to host on his server if needed; George / K4GVT thanked Bill for all of his work in maintaining the web site for many years, and asked that volunteers interested in taking over that work get in touch with Bill and George; Bob / N4RL asked if we need to form a committee to work on this, George / K4GVT advised that he has some ideas in mind, and that we should wait to hear what any volunteers may propose after discussions with Bill and George. Further update on this at the next meeting.

Old Business – Randy / WB7RAV reported that the antennas are on the roof and installed, 3 radios are hooked up; needs an HF rig and still needs to adjust one radio. Art W1CRO reminded everyone about the budget; Al / KB4BHB asked for \$100 for the special event in August; Gary / WG4ARC asked about items that have been approved but money hasn't been used.

New Business – Randy / WB7RAV offered the members in attendance Red Cross pocket calendars.

50/50 – Al / KB4BHB won, and donated his winnings back to the club.

Meeting adjourned at 8:53 pm.

Reminders about some upcoming events / calendar dates:

HAMFESTS:

Friday, Saturday & Sunday, May 20, 21 & 22, 2011, Dayton Hamvention near Dayton, Ohio, the biggest Hamfest in the World. More information at <http://www.hamvention.com>

Sunday, June 12, 2011, Manassas Hamfest. More information at <http://w4ovh.net>

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OPERATING EVENTS AND CONTESTS

Saturday, May 14, 2011 - Armed Forces Day Military / Amateur Radio Crossband Communications Test. This interesting exercise has run for many, many years but is currently scheduled a week before the actual Armed Forces Day to avoid conflict with the Dayton Hamvention. It provides an opportunity to contact military stations (on military frequencies) located around the U.S. on SSB and CW on various HF bands. As was done years ago using 45 baud RTTY, there is also a message copying contest, but now using the PSK31 mode. QSLs are issued for all contacts and a Certificate is issued for those who copy the message without error. Full details (stations, frequencies, times, etc.) are at http://www.netcom.army.mil/mars/docs/AMC_Test_2011.pdf

Saturday, June 25, 2011 - Sunday, June 26, 2011, ARRL Field Day. This is a big event each year and is especially so for the OVH which puts on its own Field Day effort, with family and friends invited. Mark your calendars for this and plan to attend and participate.

There are many operating contests almost all of the time. The excellent web site maintained by WA7BNM lists most of them! See <http://www.hornucopia.com/contestcal/>

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.

Some other useful (?) bits of information

1. EIMAC's classic publication about high power vacuum tubes: The Care And Feeding of Power Grid Tubes is available in PDF files (separate files for separate sections) at <http://www.cpii.com/library.cfm/9>
2. What are high power vacuum tubes used for? High Power Tube HF Vacuum Tube Amplifiers, of course. See a web site devoted to this subject at <http://www.kk5dr.com>
3. If you are intrigued by the possibility of low power moonbounce (EME) operation using JT-65, then watch the thirty minute video, Moonbounce for QRPers by W9XT. <http://www.ustream.tv/recorded/13724230>
4. W9XT is involved in many activities besides EME / moonbounce. See his Technical / How To Do web site for ham radio and other topics at <http://w9xt.com>
5. An assortment of very good technical articles, generally related to propagation, antennas, advanced station setups by the Yankee Clipper Contest Club may be found at <http://www.yccc.org/Articles/>
6. Want to submit an electronic log for an operating contest when some of the log entries have been made by hand on paper? Check out the free editor / clean up tool LM for contest log preparation by DL8WAA. More info and download at <http://contestssoftware.com/e/home.htm>
7. Interested in watching a number of very well produced ham radio video, covering a large range of topics? If so, go to <http://youtube.com> and enter K7AGE in the search window.
8. The first ham radio earth orbiting satellite, OSCAR I, was launched fifty years ago this year, barely four years after the launch of the very first earth orbiting satellite, Sputnik I, in 1957. QST for February, 1962, contained a full write up and description which is worth reviewing or re-reading. ARRL members can find that article by W6HEK at <http://www.arrl.org/arrl-periodicals-archive-search> A lot has changed in the past 50 years!
9. Need to find your exact LAT/LON and Maidenhead Plus Grid (accurate to 10 figures)? If so, then go to <http://no.nonsense.ee/qthmap/?qth=EL> Next, zoom in on the map to your State, City, and street location and then select "sat" for the satellite map....zoom in further to your house/shack and then record the exact LAT/LON and the Maidenhead Grid Square which are computed. Thanks to Milt / N4SN for pointing this out this site.
10. Who is on PSK right now? Check out <http://pskreporter.info/> and <http://pskreporter.info/cgi-bin/pskstats.pl> Someone (or least a machine) is always listening now. Amazing!

Some Reminiscences About Ham Radio

Fifty years ago this month your editor completed assembly of a Heathkit Apache and had managed to scrounge from an broken down television set a selenium rectifier replacement for the defective one which Heathkit had sent in the kit of parts. That got the Apache to work and it was able to load HF CW power into a 100 watt light bulb dummy load and almost burn out the bulb. Morse code could be sent with a hand key to the dummy load. A set of forty meter band surplus crystals had been purchased and assembled on a trip to Radio Row on Vesey Street in lower Manhattan (where the World Trade Towers were later constructed) because novices on HF were required to use crystal frequency control; a simple antenna tuning circuit had been constructed using tapped coils and a 365 microfarad capacitor removed from an old 5 tube, AC/DC AM radio to adapt the pi-network PL-259 output from the Apache to the 300 ohm feed line to the random wire antenna. That antenna had been used for several years as a shortwave listening antenna with a Lafayette KT-200 kit HF receiver.

The Novice 5 wpm code test and written test had been passed several weeks earlier, the test having been administered one on one in the home of a local ham, Howard / W1DG, and the official paperwork had been promptly mailed off to the FCC. The receipt of the novice license took a few weeks and Morse code copying practice continued intensively so code speed was up to over 10 wpm when it arrived. While very supportive of this new interest in ham radio, my parents had set down the law: no fooling around with ham radio or electronics until all homework was completed each day and school grades better not go down. There was a lot of homework to be completed each evening in the ninth grade, especially English composition, Latin II, Algebra II and Biology. When the Novice license arrive at last the Apache still was not working and there was still a lot to do to get everything working to “get on the air” on the 40 meter novice band, 7150 to 7200 Kc/s as it was referred to back then. That was a good band to get on then with lots of slow speed CW novice activity, and late at night and early in the morning signals could be heard from all over the U.S.

After two days of around the clock work, everything was finally ready to get “on the air” at 1:00 in the morning. The transmitter was tuned and loaded up, with adjustment to the external tuning network, to about 75 watts input power on one of the 40 meter crystal frequencies. The antenna accepts power. Call CQ CQ, but no answers. Is this working? More CQ’s and more silence. Try another crystal and retune. More CQ’s and still no answers on the new frequency. Something must be wrong? Another novice station is calling CQ very slowly near the new crystal frequency. Wait for him to finish and call him back, slowly with a very long answering call. He answers from downstate Illinois. Two way CW communication between Connecticut and Illinois. Amazing and Very Exciting! A short CW QSO, including promises to exchange QSL cards by mail, addresses exchanged. My QSL cards have already been ordered from World Radio in Iowa, but have not yet arrived. I wake up my brother in the next room; he doesn’t know any Morse Code but he is excited too. I go and wake up my parents to tell them; they are 95% asleep but say they will listen to the full story in the morning and go back to sleep immediately. It is now very late and that single QSO is enough for that night.

But there are more QSOs the next day and the next days. QSL postcards (with 3 cent stamps) start to arrive from distant places. My mother in particular is impressed by the incoming QSL cards. I get a note from the Postmaster for the town congratulating me on my new novice license. Someone has told him I am receiving QSL cards. It turns out he is an active ham, and his daughter goes to my school. He tells me he keeps a list of the active hams in the town at the post office so that all QSL cards will be delivered even if just addressed to the callsign and the town. This was before zip codes.

Lots more QSOs. Within two months I was ready for the General test. Another novice friend from the next town, Bruce / KNIQYJ (now W6SDX), and I take a train into Grand Central Station in New York City, and then the subway down to near the old Federal Building at 641 Washington Street in lower Manhattan for the exam. The FCC examiner in charge wore suspenders; the wood furniture in the office is very old, uncomfortable and austere. You had to pass the 13 wpm code test in order to take the written and oral test. There was a small room with tables with headsets on them where the Morse code copying test was given. If you passed the copying test, you then had to pass the Morse code sending test using a straight key, but that was easy: the examiner only listened to a

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few words on the code sending test before advising that that had been passed too. My friend and I both passed, others there did not. The written and oral test was given in another room. To pass, you had to get multiple choice questions correct, draw certain types of circuitry schematics, and answer oral questions from the examiner. My friend and I both passed, but again others there did not.

Now back to Connecticut with new authority to operate as a General which then had full privileges on all bands. Now ready and exited to try out phone - which in 1961 - meant AM on 40 and 80 meters. Also ready to try out 20 meter CW where there was lots of European and South American DX. More homemade wire and vertical antennas had already been installed and were ready to be used. On 40 meter phone, I quickly met several of the relatively close by old timers who were members of the OOTC, the Old Old Timers Club, which they proudly talked about and noted on their QSL cards. The OOTC still exists, then and now, to join one had to have at least 40 years of experience. All of the OOTC members back then had been first licensed in 1921 or earlier and almost all would talk, if asked, their experiences and recollections using spark gap transmitters. As of 1961 those OOTC members with then 40+ years of experience certainly had seen massive technical changes and improvements in all aspects of communications and electronics. Looking back 50 years from today, the same has happened.

My next trip to the FCC examining office in Manhattan for a ham radio test was exactly two years later, in July, 1963, for the Amateur Extra license exam. Back then, that require 2 years of experience as a General class operator plus passing a 20 wpm code test and a written and oral exam. (I passed!) At that time, the ARRL had been founded 49 years earlier. The ARRL will have its 100 year anniversary in 2014.

100th Anniversary for the Proceedings of the IEEE - Classic Papers

Many interested in the technical side of ham radio are also member of the Institute of Electrical and Electronic Engineers (“IEEE”).

The IEEE was formed in 1963 when the AIEE (American Institute of Electrical Engineers founded in 1884) and the IRE (Institute of Radio Engineers founded in 1912) merged. Today the IEEE is an international organization with more than 400,000 members, almost half of which are now located outside of the U.S. The IRE was formed in 1913 when the SWTE (Society of Wireless Telegraph Engineers) and the TWI (The Wireless Institute), each formed a few years earlier, combined.

The IEEE through its various sections and journals, is a major publisher of technical information chronicling developments in communications and electronics. In anticipation of the upcoming 100th anniversary of its premier monthly publication, Proceedings of the IEEE, this year the IEEE is making PDF file copies of a series of classic papers over the years available without charge through its web site.

The table to the right lists those papers. To find these, go to <http://iee.org> and search for Classic Papers. The Classic Papers web page also includes information about the authors of the papers. Enjoy.

Author & Title	Will Be Posted In	Original Date of Publication
Armstrong: Some Recent Developments in the Audion Receiver	Jan 2011	Sep 1915
Black: Stabilized Feed-Back Amplifiers	Feb 2011	Jan 1934
Brainerd: The ENIAC	Mar 2011	Feb 1948
de Forest: The Audion-Detector & Amplifier	Apr 2011	Mar 1914
Goldsmith: Genesis of the IRE	May 2011	May 1952
Dellinger: Radio Transmission & Reception—Antenna & Coil Aerials	Jun 2011	May 1999
Eckert: A Survey of Digital Computer Memory Systems	Jul 2011	Oct 1953
Fano: On the Social Role of Computer Communications	Aug 2011	Nov 1972
Heising: Production of Single Sideband for Trans-Atlantic Radio Telephony	Sep 2011	Jun 1925
Jansky: Electrical Disturbances Apparently of Extraterrestrial Origin	Oct 2011	Oct 1933
Langmuir: Pure Electron Discharge & Its Applications in Radio Telegraphy & Telephony	Nov 2011	Sep 1915
Little: KDKA: The Radio Telephone Broadcasting Station of the Westinghouse Co. at E. Pittsburgh, PA	Dec 2011	Jun 1924
Marconi: Radio Telegraphy	Jan 2012	Aug 1922
Nyquist: Certain Topics in Telegraph Transmission Theory	Feb 2012	Feb 1928
Oliver: Some Potentialities of Optical Masers	Mar 2012	Feb 1962
Pupin: A Discussion on Experimental Tests of the Radiation Law for Radio Oscillators	Apr 2012	Jan 1913
Pierce/Kompfner: Transoceanic Communications by Means of Satellites	May 2012	Mar 1959
Shannon: Communication in the Presence of Noise	Jun 2012	Jan 1949
Shockley: Transistor Electronics: Imperfections, Unipolar and Analog Transistors	Jul 2012	Nov 1952
Southworth: Fundamental Experiments with Wave Guides	Aug 2012	Jul 1937
Steinmetz: America's Energy Supply	Sep 2012	Jun 1918
Terman: Some Applications of Negative Feedback with Particular Reference to Laboratory Equipment	Oct 2012	Oct 1939
Van der Bijl: Theory & Operating Characteristics: Thermionic Amplifier	Nov 2012	Apr 1910
Zworykin: The Iconoscope—A Modern Version of the Electric Eye	Dec 2012	Jan 1934

VIRGINIA'S OLE FASHIONED

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 12, 2011

Prince William County Fairgrounds

Large outdoor flea market area, 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: \$25 each

with chairs & electricity
(\$20 if reserved by May 1)
Setup 2-10 PM Saturday

GENERAL ADMISSION

\$7 per person at gate

No Advance Sales
Gates open at 7 AM
Free Parking

TAILGATING

\$7 per space (plus admission)

Gates open at 6 AM
Ample Room—25 acres
Setup 2-10 PM Saturday

VE TESTING — Contact David, KG4GIY (kg4giy@arrl.net) for more details

PRIZES

- Door prizes hourly beginning at 9 AM for those present
- Major & Tailgate prizes awarded at 2 PM
(Winner MUST be present during drawing)

INFORMATION

- ARRL Roanoke Division Officers will be attending
- Virginia Section Manager's Forum
- 4th Call Area QSL Bureau Representatives will be present
- DXCC QSL Card Checking will be available
- "Virginia QSO Party" Awards Ceremony
- Food Vendors must have prior written approval from Hamfest Chairman



Our second year featuring
Corbin's Pulled Pork & their specialty
The Porky Tater

Our Featured Vendors:



Directions/Details/Hotel Info at our Web Site <http://www.w4ovh.net>

Dealer Information: George (K4GVT) • Tel: 703-791-5956 • Email: K4GVT@comcast.net

General Information: Bruce (AB8CI) • Tel: 703-596-5617 • Email: AB8CI@comcast.net