

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

Renew your OVH  
membership now!

## January 2011

### Next Meeting: Monday, January 17, 2011

#### PRESIDENT'S LETTER:

Greetings to all, hope everyone survived the Holiday Season without too much financial or other pain.

It was great to see everyone at the OVH Christmas Party; I hope you all enjoyed the event. Some pictures taken at that event follow later in this newsletter.

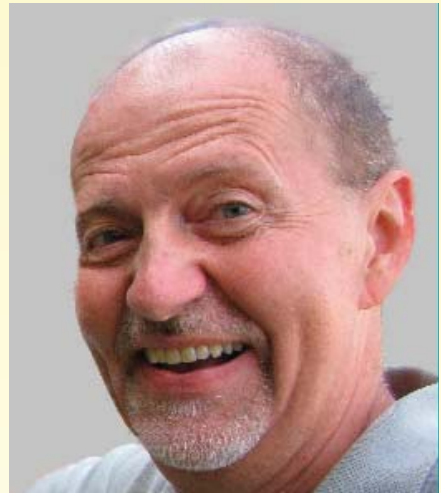
At the end of this month, (January 29th and 30th), OVH is having its second Winter Field Day event, thanks to the excellent work of Joe / KI4OHR, our Winter Field-Day chairman is doing a fantastic job coordinating the event again this year.

This is a wonderful event, I hope everyone will come out to help setup and operations. If you missed last year's, don't miss this one. If you recall we got great press with the group next to the tent with lots of snow everywhere last year. Please make the time to come out and help, operate, of support any way you can. A main focus at the upcoming OVH regular meeting on January 17th will be will be on Winter Field-Day.

Also a the meeting will be nominations for club officer for 2011. At next month's meeting, the elections will be held. Please be sure your OVH membership is renewed - if you haven't done so already - so you will be eligible to vote next month.

I look forward to seeing you at the upcoming meeting! Also, the DV-Board project is still on the back burner until time allows, hopefully soon!

73 George K4GVT Happy New Year to all.



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#### Sunshine Corner:

Starting off the New Year blowing out the candles – Justin / KJ4LAS, Dan / K9POO,  
Elizabeth / KG4NXV, Randy / WB7RAV, Charles / W4XP, Milt / N4SN, **Cont'd on Page 3**

# 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
Art 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

Art	W1CRO	791-4330
Blaine	KB4RKL	369-2877

## 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
Mary Lu	KB4EFP	369-2877

## FINANCE

Mary Lu	KB4EFP	369-2877
Joe	KI4OHR	369-2639
Ruth	KU4WH	331-1234

## 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

John H.	KG4NXT	257-3566
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## LEGAL

Pete	KB4RME	369-2436
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## MEMBERSHIP CHAIRMAN

Bruce	AB8CI	361-8873
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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

Trisha Wells	KI4PCM	335-1096
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## QUARTERMASTER

Steve	N4OGR	361-0008
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## REPEATER CONTROLLERS

Keith	KM4AA	909-1512
Art	W1CRO	791-4330
Butch	W4HJL	369-2877
Steve	N4OGR	361-0008
David	KG4GIY	361-3042
George	K4GVT	791-5956
Alan	KD4KBX	330-8844

## 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
Art	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 © 2010 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>.

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Woody / N4MQ, Alan / WA2GTT and Harold / K4OPS.

Thank you so much to everyone that donated to the Toys For Tots at the Christmas Party, we were able to contribute an impressive number of toys in December to help with this very worthy cause. Special thanks again to George / K4GVT and his wife Evelyn for once again hosting our Holiday party at their home on Saturday, December 18th.

Winter Field Day is fast approaching, contact Joe / KI4OHR for any information you may need or to let him know you will be there to help out.

Looks like 2011 will be just as busy as ever, so get out your gear and head to an Event, who knows where it will lead you!

Just a reminder, the Thursday night net is going strong at 8:00 p.m., please join us on the OVH repeater! If you would like to be a net control just let John / KG4NXT know.

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

73 Theresa KG4TVM

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## Minutes of the Ole Virginia Hams Amateur Radio Club Meeting December 20, 2010:

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 17 OVH members and 1 guest present.

Wayne AG4ZZ did a program on the Amp he has built; it's the HF Packer Version 1.

### BUSINESS MEETING

Minutes from the November meeting were approved as read

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

### COMMITTEE REPORTS:

Membership – Joe / KI4OHR had no new applications; he has an conflicting evening class for the next 5 months and may not be able to attend the OVH meetings, Art / W1CRO will pick you the slack if Bruce / AB8CI or Joe / KI4OHR are not available.

Repeaters – George / KG4VT has the cable to fix the duplexer and will try to get this done over the holidays, the repeater is up and running. George also let us know that the antenna work will need more than the \$3,000 that has been approved, no numbers are available yet, but he also wants to replace the old 440 Antenna.

Training – John / KG4NXT reported that everyone who took the Technician License classes passed the VE exam in November. Mark / WA4KFZ did a great job teaching, as usual.

Hamfest – George / K4GVT advised he was still looking for a chairperson for the 2011 Manassas

**Continued on page 4**

OVH Hamfest, whereupon Bruce / AB8CI volunteered to chair the Hamfest, with George taking care of the vendors.

Field Day – Still in need of a chairperson for the June, 2011 Field Day event.

Winter Field Day – Joe / KI4OHR will send out information this week on the reflector, the event will be January 29th (and 30th) at the Manassas Museum. Setup will start at 9:00 am on the Saturday, the 29th and teardown at noon on Sunday, the 30th. The Winter Field Day event runs from noon on Saturday to noon on Sunday. Joe is still looking for more helpers with setup and tear down as well as with operators, especially overnight operators.

Sunshine Corner – Theresa / KG4TVM reported the birthdays for December, welcomed home Bruce / AB8CI, thanked George & Ev for hosting the Christmas Party and thanked everyone for donating to Toys For Tots.

BREAK

NEW BUSINESS

Bill Fenn / N4TS from AMRAD came to the meeting to ask if the club would be interested in having a QRP station during the events for 150th anniversary of the First Battle of Manassas, which will be held locally on July 21st and 22nd this summer. This was discussed at length among the members present and Alan / K5AKG volunteered to work with Bill on details and come back to the club with the information.

Joe / KI4OHR wanted to know if the club would pick up the cost of the VE exams, this was discussed and more information is required before a decision is made.

The 50-50 was won by Steve / N4OGR: \$7.50

Meeting adjourned at 8:49 pm.

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Reminders about some upcoming events / calendar dates:

HAMFESTS:

Saturday, February 5, 2011, Frostfest, Richmond, Virginia. More info at <http://frostfest.com> This excellent hamfest got frosted out by the blizzard in February, 2010.

OPERATING EVENTS AND CONTESTS

Saturday, January 29, 2011 - Sunday, January 30, 2011, OVH Winter Field Day. Mark this on your calendar. This is being organized and coordinated again this year by Joe / KI4OHR. Set up will begin on Saturday morning and take down on early Sunday afternoon. Check with Joe / KI4OHR, the OVH web site, the OVH reflector and the upcoming OVH meeting for more information.

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.



A few pictures from the OVH Christmas Party at K4GVT's QTH  
December 18, 2010









# Follow-Ups on several recent topics in the OVH Newsletter:

## Radio Sport - Contesting - Upcoming Contest University Full Day Session

Those with interest in Radio Sport - Contesting should be aware of the 2011 full day seminar being put on again this year by Contest University in Dayton, Ohio, on Thursday, May 19, 2011, one day before the start of the Dayton Hamvention in May. The details and information for this event on are at <http://contestuniversity.org>. Information for the Dayton Hamvention is at <http://hamvention.org>. Topics covered during the acclaimed 2010 full day seminar included: Contest Radio Performance Data, Advanced RTTY Contesting, N1MM Logging Software, Contest Hints and Kinks for 2010, Small Contest Station Projects, Win-Test Logging Software, CW Skimmer, Multi Operator Techniques, Contest Antenna Basics, Propagation for DX Contests, Advanced Contest Antennas, Tower Safety for Contest Stations, Antennas and Propagation Discussions, Field Day, Optimize your Contest Station, VHF Contesting, Contest Operating Strategies, Sweepstakes and Sprint Contest Operating, 2010 Eye Ball Sprint, Getting Started in RTTY Contesting, Contest Ethics, Multi Operator station design, and Logging Software Q&A.

## Remote Control Systems / Techniques for Ham Radio Stations

The ARRL has a new (2010) publication (about 90 pages), Remote Operating for Amateur Radio: Ham Radio, the Internet and Remote Station Control, by Steve Ford, WB8IMY. This provides general coverage with specific references, but is somewhat sparse on actual "how to do it" details. It does briefly mention, almost in passing, the one of the newest, and apparently most effective, integrated hardware / software solutions, RemoteRig, produced in Sweden. More details about RemoteRig are at <http://remoterig.com>.

## Radio / Communications History

The IEEE Global History Network at <http://ieeeghn.org> contains a wealth of historical information and resources about early (and more recent) key or landmark developments in radio and communications, including interviews of key developers and innovators. Transcripts and some audio of interviews are available.

## More SDR (Software Defined Radio) Online Resources - thanks to Ken, N9VV

<http://www.sdr-cube.com/> (Transceiver)

<http://www.kb9yig.com/>

[http://www.crosscountryradio.co.uk/sdr\\_receiver.htm](http://www.crosscountryradio.co.uk/sdr_receiver.htm)

<http://www.pappradio.de/typo3/> (Starsite)

<http://www.elektor.com/magazines/2007/may/software-defined-radio.91527.lynkx>

<http://www.fernempfangsradio.de/start.html>

<http://o28.sischa.net/fifisdr/trac> (German FIFI project)

<http://www.darc.de/distrikte/1/02/sdr/> (German LIMA-SDR project)

<http://www.yoyodyneconsulting.ca/pages/SDR-Widget-lite.html> (Transceiver)

<http://www.genesisradio.com.au/> (Transceiver)

<http://zao.jp/radio/soft66ad/> (Japan)

<http://www.nt7v.com/>

<http://www.sdr-kits.net/>

<http://www.lazydogengineering.com> (Transceiver)

<http://py2wm.qsl.br/SDR/SDRZero-2.html>

[www.qrz.it/ly1gp/SDR/](http://www.qrz.it/ly1gp/SDR/)

[www.rfsystem.it/shop/](http://www.rfsystem.it/shop/) (Transceiver)

**Continued on page 8**

## How To Build A Super Station

Dave / K1TTT published a book on lulu.com several years ago about the 25 year history of his Super Station, how it was constructed and how it evolved over time. The hardcopy book was quite expensive but a downloadable PDF of the book was available - until recently - for just a nominal charge. Dave has now decided to provide the PDF file for free, *i.e.*, no charge. To get your copy go to: <http://stores.lulu.com/k1ttt> and download it. Lots of pictures, diagrams and know-how. Enjoy!

## Video of the Installation of a 190 Foot Tower at K9CT

Another Tower Video? Check out: <http://www.youtube.com/watch?v=eUWI38ocVTM>

## Landline Telegraphy - Some Interesting History Resources

The web site, <http://www.telegraph-history.org> has some very interesting historical information about the early landline telegraph networks, the first digital communications lines. Included in the resources are a several very old maps from the Library of Congress Old Map Collections which show where the circuits went in the 1860's and 1870's. See, especially, <http://www.telegraph-history.org/transcontinental-telegraph/>

## AGAIN: REMEMBER TO RENEW YOUR OVH MEMBERSHIP - DO IT NOW!

Clip and mail in the completed form below with your check or bring your money to the January 17th meeting.

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### MEMBERSHIP RENEWAL APPLICATION "OLE VIRGINIA HAMS AMATEUR RADIO CLUB" 2011

NAME: \_\_\_\_\_ CALL SIGN: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_ TELEPHONE: \_\_\_\_\_  
EMAIL: \_\_\_\_\_  
BIRTHDAY: \_\_\_\_\_

ARE YOU PRESENTLY AN ARRL MEMBER? (YES/NO)  
ARE YOU A VOLUNTEER EXAMINER: (YES/NO)  
DO YOU WANT YOUR PHONE NO. LISTED IN THE OVH ROSTER? (YES/NO)  
WHAT IS YOUR PRESENT LICENSE CLASS? \_\_\_\_\_

Dues are now **\$10.00** per year and payable on January 1, 2011  
Dues for additional family members **living at the same mailing address** are **\$5.00**

AMOUNT ENCLOSING: \_\_\_\_\_

NAME AND CALL OF FAMILY MEMBERS:

Name: \_\_\_\_\_ Call: \_\_\_\_\_  
Name: \_\_\_\_\_ Call: \_\_\_\_\_

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