

"OLE VIRGINIA HAMS" AMATEUR RADIO CLUB, INC.

Post Office Box 1255, Manassas, VA 22110

Repeater--WA4FPM --146.970/224.660 Out/146.370/223.060 In

OVH Nodes--145.030/223.620/223.540 MHz

BBS--BBSHRG/N4WJN (SYSOP--BILL)

# OLE VIRGINIA HAMS


## MARCH 1994

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Here's a quick packet burst from our favorite instructor:

OVH will be conducting an amateur radio licensing class for those individuals interested in becoming amateur radio operators. The class will be held at the Stonewall Jackson High School on Rixlew Avenue in Manassas. Classes will begin on Tuesday 5 April 1994 at 7:30 P.M. and will meet each Tuesday thereafter for approximately 10 weeks. There is no charge for the class, however each student must furnish their own text book. The text is "Now You're Talking - All You Needed To Get Your First Ham Radio License" the second edition published by the American Radio Relay League. Please contact John (N4YOB) at 791-5995 for additional information. Register early to reserve a seat in the class. 

OLE VIRGINIA HAMS AMATEUR RADIO CLUB, INC.

OFFICERS AND COMMITTEES

<u>DIRECTORS</u>			<u>OFFICERS</u>		
BOB	NR4L	703-361-7335	PRESIDENT	JIM	WD4OJY 703-369-3940
TIM	KB4NR	703-494-2737	VICE PRES	ERVIN	KD4DFB 703-335-1029
BUTCH	W4HJL	703-369-2877	SECRETARY	IVAN	KD4DFD 703-818-2405
			TREASURER	JIM	WA2QEJ 703-791-2932
<u>REPEATER TRUSTEE</u>					
ART	W1CRO	703-791-4330	<u>EMERGENCY COORDINATOR</u>	<u>MAIL LIST</u>	
			HARRY	BLAINE	KB4RKL 703-369-2877
			W4PVA		
<u>FINANCE COMMITTEE</u>				<u>CLUB PICNIC COMMITTEE</u>	
TIM	KB4NR	703-494-2737		BERNICE	KA4SCA 703-791-3839
JIM	WA2QEJ	703-791-2932		MARY LOU	KB4EFP 703-369-2877
MARY LOU	KB4EFP	703-369-2877			
PETE	KB4RME	703-369-2436		<u>SUNSHINE COMMITTEE</u>	
TREASURER				BERNICE	KA4SCA 703-791-3839
<u>REPEATER CONTROLLERS</u>				<u>OVH WEEKLY NET</u>	
ART	W1CRO	703-791-4330		HARRY	W4PVA 703-368-6050
TIM	KB4NR	703-494-2737			
MILT	N4SN	703-369-7265		<u>CLUB NEWSLETTER</u>	
JIM	WA2QEJ	703-791-2932		J EDGAR	N5SN 703-330-7333
STEVE	KB4OF	703-368-6901			
RUSS	WB4HHN	703-368-6435		<u>EDUCATIONAL COMMITTEE</u>	
BUTCH	W4HJL	703-369-2877		JOHN	N4YOB 703-791-5995
MARY LOU	KB4EFP	703-369-2877			
				<u>E.A.R. REPRESENTATIVE</u>	
<u>PROGRAM CHAIRMAN</u>				ALAN	KD4KBX 703-330-8844
JOE	AB4QV	703-369-6536			
				<u>NEWSLINE REPORT</u>	
<u>1994 HAMFEST CHAIRMAN &amp; CO-CHAIRMAN</u>				PETE	KB4RME 703-369-2436
JIM	N3ODZ	703-361-2543			
JACK	N4YIC	703-355-9139		<u>HISTORIAN</u>	
				GREG	N4NRK 703-690-5949
<u>REFRESHMENTS</u>					
T.B.D.				<u>PUBLICITY CHAIRMAN</u>	
				KEN	KM4UH 703-369-5287
<u>MEMBERSHIP CHAIRMAN</u>					
JIM	WD4OJY	703-369-3940			

PLEASE TAKE NOTE OF THIS NEW MASTHEAD AND ADVISE ME OF ANY CHANGES/DELETIONS/ADDITIONS.

J. EDGAR MCDERMOTT/NS5N

MARCH 1994

## ASK DAVE: WHAT IS ELECTRICITY?

by Dave Barry

**"DID YOU  
NOTICE HOW  
YOUR FRIEND  
TWITCHED"**

Today's scientific question is: What in the world is electricity? And where does it go after it leaves the toaster? Here is a simple experiment that will teach you an important electrical lesson: On a cool, dry day, scuff your feet along a carpet, then reach your hand into a friend's mouth and touch one of his dental fillings. Did you notice how your friend twitched violently and cried out in pain? This teaches us that electricity can be a very powerful force, but we must never use it to hurt others unless we need to learn an important electrical lesson.

**"ELECTRONS  
TRAVEL THRU  
YOUR  
BLOODSTREAM"**

It also teaches us how an electrical circuit works. When you scuffed your feet, you picked up batches of "electrons," which are very small objects that carpet manufacturers weave into carpets so they will attract dirt. The electrons travel through your bloodstream and collect in your finger, where they form a spark that leaps to your friend's filling, then travels down to his feet and back into the carpet, thus completing the circuit.

**"IT'LL EXPLODE"**

Amazing Electronic Fact: If you scuffed your feet long enough without touching anything, you would build up so many electrons that your finger would explode! But this is nothing to worry about unless you have carpeting.

**"LIGHTNING IS  
POWERED BY  
THE SAME  
SOURCE AS  
CARPETS"**

Although we modern persons tend to take our electric lights, radios, mixers, etc. for granted, hundreds of years ago people did not have any of these things, which is just as well because there was no place to plug them in. Then along came the first Electrical Pioneer, Benjamin Franklin, who flew a kite in a lightning storm and received a serious electrical shock. This proved that lightning was powered by the same force as carpets, but it also damaged Franklin's brain so severely that he started speaking only in incomprehensible maxims, such as "A penny saved is a penny earned." Eventually he had to be given a job running the post office.

**"THE FROG'S  
LEGS KICKED"**

After Franklin came a herd of Electrical Pioneers whose names have become part of our electrical terminology: Myron Volt, Mary Louise Amp, James Watt, Bob Transformer, etc. These pioneers conducted many important electrical experiments -- Among them, Galvani discovered (this is the truth) that when he attached two different kinds of metal to the leg of a frog, an electrical current developed and the frog's leg kicked, even though it was no longer attached to the frog, which was dead anyway. Galvani's discovery led to enormous advances in the field of amphibian medicine.

(cont. on pg 4)

(cont. from pg 3)

**"JUST LIKE A  
NORMAL FROG"**

Today, skilled veterinary surgeons can take a frog that has been seriously injured or killed, implant pieces of metal in its muscles, and watch it hop back into the pond just like a normal frog, except for the fact that it sinks like a stone.

**"SOON FOUND IN  
THOUSANDS OF  
AMERICAN  
HOMES"**

But the greatest Electrical Pioneer of them all was Thomas Edison, who was a brilliant inventor despite the fact that he had little formal education and lived in New Jersey. Edison's first major invention in 1877 was the phonograph, which could soon be found in thousands of American homes, where it basically sat until 1923, when the record was invented. But Edison's greatest achievement came in 1879 when he invented the electric company. Edison's design was a brilliant adaptation of the simple electrical circuit: The electric company sends electricity through a wire to a customer, then immediately gets the electricity back through another wire, then (this is the brilliant part) sends it right back to the customer again.

**"SO MUCH FREE  
TIME"**

This means that an electric company can sell the customer the same batch of electricity thousands of times a day and never get caught, since very few customers take the time to examine their electricity closely. In fact the last year any new electricity was generated in the United States was 1937; the electric companies have been merely re-selling it ever since, which is why they have so much free time to apply for rate increases.

**"SCIENTISTS  
HAVE DEVELOPED  
A NEW LASER"**

Today, thanks to men like Edison and Franklin, and frogs like Galvani's, we receive almost unlimited benefits from electricity. For example, in the past decade scientists developed the laser, an electronic appliance so powerful that it can vaporize a bulldozer 2,000 yards away, yet so precise that doctors can use it to perform delicate operations to the human eyeball, provided they remember to change the power setting from "Vaporize Bulldozer" to "Delicate." ~~✍~~

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## The Pres Says

Hi All;

It's that time of the year again, transition, the changing of the guard. The time to say thanks to those moving on (to the back of the room) and to welcome aboard the folks who have consented to replace them. Butch, N6NSM; Ron, NV3S; and Mike, WV3H; Your time and interest in the OVH club are appreciated and will be remembered. Thank you for a job well done!!! And now hello to Ery, KD4DFB; Ivan, KD4DFD; and Jim, WA2QEJ who have graciously volunteered to spend the next year with me, Jim, WD4OJY, at the front table each month. It sure is nice of Jim to return once again to the treasurer's seat after a short time away, welcome back. Ery, VP; Ivan, Sec.: first timers at the table...Welcome aboard!! Thanks for accepting this chance to give your time and effort in the interest of the club. I trust we will all have a good time. 73 for now de Jim/WD4OJY ~~✍~~

OLE VIRGINIA HAMS  
AMATEUR RADIO CLUB, INC.

MINUTES OF MEETING  
FEBRUARY 21, 1994

The meeting was called to order at 8:00 P.M. There were 31 members and 5 guests present for a total attendance of 36.

The Pledge of Allegiance by all members, oral roll call, and signing of the attendance list opened the meeting, which was presided over by Butch, N6NSM, club President.

There was no program at this meeting.

ARRL Roanoke Division director John Kanode, N4MM, presented Harry, W4PVA, with the 1993 Roanoke Division Service Award. About four to eight nominations for this award are received annually from amateurs in North Carolina, South Carolina, Virginia, And West Virginia. As a recipient of the award, Harry is now entitled to vote for future nominees for this award.

Steve, N4OGR, reported that he was preparing to place the order for hats bearing the club logo and member's call sign. Last-minute and previously unpaid orders were invited with payment of \$8.50 to the club. He expects that the hats will be available in time for the March meeting.

Butch, W4HJL, presented the slate of nominees for the club's 1994 officers as determined by the Nominating Committee and invited members to write in other nominations on their ballot if they so desired. While nominations are usually made at one meeting and elections held at the next, both would be handled at this meeting due to January's cancellation.

The election results were tallied after the break. The officers elected for 1994 are:

President:	Jim McKinley, WD4OJY
Vice President:	Erv Whalen, KD4DFB
Secretary:	Ivan Reeder, KD4DFD
Treasurer:	Jim Lascaris, WA2QEJ

#### COMMITTEE REPORTS

There were no reports from the Technical, Computer, Education, or Program Committees.

Jim, WA2QEJ, presented the Treasurer's report.

Tim, KB4NR, presented the Finance Committee report. The Committee requested that the CPA be retained for only those functions required by the IRS. No objections were made.

Butch, W4HJL, presented the Directors' report. The Board of Directors is proposing changes to the club's by-laws and Constitution. More information will follow in a mailing to the membership after review with the club officers.

Mike, WV3H, presented the Packet Committee report. A third port has been added to the OVH node on 223.62 MHz and will be dedicated as a link to DCA9. Mike reported that the trustees of the DCA stack have directed a beam antenna toward the OVH site and have thus recognized our node as an important point of communications. In light of this, Mike requested an allocation of funds to purchase a beam antenna for this link to replace one on loan through the generosity of KB4CVL. He also requested an allocation of funds to purchase a new PK88 to service the link. A motion was made by Tim, KB4NR, and seconded by Woody, KD4DEG, that the club provide \$170 to purchase the antenna and TNC. The motion was passed without objection.

Harry, W4PVA, presented the Public Service report.

Use of the new FCC Form 610 will be mandatory beginning March 1, 1994.

The Prince William Bicycle Association has requested communications support for bike races on Saturday, May 9, from 9:30 to 10:00 AM along two routes. Harry expects to learn more details after a planning meeting on March 11.

OVH will sponsor license exams at the Manassas Campus of Northern Virginia Community College on Saturday, June 11; a room has not yet been reserved.

Pete, KB4RME, said that the Scholarship Committee would have no report until about May.

Alan, KD4KBX, the club's representative to the Foundation for Amateur Radio (FAR), solicited contributions for the club's column in AutoCall magazine.

Jay, NS5N, presented the Newsletter Committee report. Because the cutoff date for submissions varies from month to month, it will now be published in each preceding issue. Jay would like to increase the size of the want-ad column and solicited contributions of both articles and ads.

Jim, N3ODZ, presented the Hamfest Committee report. Preparations are on track. A decision from Ham Radio Outlet in Woodbridge is expected soon as to whether they will subsidize the printing of hamfest tickets. If they decline, the tickets will be obtained from last year's supplier at the club's expense.

Jim, WD4OJY, presented the Membership Committee report. The following applications for membership were read:

Tony Liu, KD4EEQ  
Maureen McDermott, KE4GSZ  
Fred Dowell, KE4JEO  
Michael Warner, KE4MF  
Cathy Whalen, awaiting call sign

Brian McMahon, KE4GKH  
Brian Tauss, KE4IAR  
Charlie Ahalt, KE4JWY  
Mark Behrens, WB9OOG

#### OLD BUSINESS

There was no old business.

#### NEW BUSINESS

Discussion arose about when the repeater's autopatch access code would be changed. Because new membership cards containing the code will be sent to paid members with the March newsletter, the code will be changed on or about the first of April. Members whose dues are yet unpaid will have to pick up their new cards in person at the March meeting.

A new Refreshments chairperson is still needed.

The 50-50 drawing was won by Cathy Whalen (no call sign yet).

The meeting was adjourned at 9:17 P.M.

Respectfully submitted,

Ivan Reeder, KD4DFD  
Secretary

\*\*\*\*\* The 1994 Dogwood Half Hundred Event \*\*\*\*\*  
April 23 rd, 1994

Sponsored by the Potomac Appalachian Trail Club  
118 Park St., SE, Vienna, Va. 22180

Ham Event Coordinator - Scott C. Bellefeuille  
KE4HCT  
703-754-8253

Ham Field Coordinator - Jerry Pixton  
W6IHG  
703-465-3784

Portable Repeater - Sandy Sanders  
WB5MMB

The Dogwood Half Hundred Event is a 32 mile long foot race which is held in the George Washington National Forest, on primitive foot trails. Approximately 130 racers participated last year. The George Washington Forest is located approximately 9 miles west of Front Royal on Rt. 55.

The event will be held on April 23rd, 1994 and will begin at 6:30 am. The event is scheduled to terminate at approximately 6:30 pm. However, various check points will be terminated beginning at 8:30 am, and then staggered in time.

There will be 5 check points including the start/finish point which will be located at Powells Fort Camp. Net Control will be headed by W6IHG and located at Powells Fort Camp.

A portable 2 meter repeater will be established by WB5MMB within the general race course area. The Linden machine, 145.210 MHZ, will be utilized as a back up communications source. All but one check point can be reached easily by vehicle.

Participating hams will be responsible for transferring race participant data on all participants, medical emergency data, and other administrative data. It is expected that there will be considerable traffic to be passed. Medical teams will be provided by the PATC.

Hams should be prepared for any type of weather, as the race will proceed regardless.

We will be looking for 30 or more hams to participate in the event. There will be stationary posts and hopefully roving posts if minimum staffing is met. It is critical that any interested hams who can commit to this event, prior to the event date, contact W6IHG to be placed on the Ham Roster. We hope to send out further information and assignments prior to the event date.

If you would like to try your hand at field communications and supporting a public event, then we would invite you to contact us. We have already begun registering hams. We will hope to draw hams from the Shenandoah Valley and Northern Virginia. However, all hams are invited.

The success of this event bears directly on the amount of support received from the ham community.

Thank you in advance from the PATC and KE4HCT...73!

## OVH CLASSIFIEDS

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For Sale:

MFJ-931 MFJ Artificial Ground	\$55.00
Seagate ST-277 65Mbyte drive with RLL 1:1 controller (AT BUS)	\$150.00
Genoa EGA Card Super Hi-Res 800x600	\$50.00
Central Point Software COPY II Board	\$20.00
Sound Board (B.G. Micro)	\$15.00
Future Domain-TMC-850MEX SCSI Controller (f/u/w CD-ROM only - no floppy or HD support)	\$15.00
286 Motherboard w/1mbyte RAM and Co-processor	\$100.00
6 Each DC-2000/DC-2050 mini data cartridges f/u/w QIC-40 tape drive. Price each:	\$9.00

Contact: Mike (KC4ZNQ) @ 703-335-5031 or on packet, direct (MBX KC4ZNQ-1) or via KF4TE (145.070).

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FOR SALE:

ICOM 725 HF Transceiver. This transceiver is a current production model in excellent condition with all documentation and boxes. \$600.00

SB 200 Heath Kit Kilowatt Amplifier. Very Clean but needs new final Tubes. \$285.00

Heath Kit HD 4040 Packet Termina Node Controller (TNC). Was formally use at K4LLQ-5 digi. \$60.00

RG-11 72 ohm Coax Brand New. 0.15/foot

Copies of QST Sept 93 antenna article are available to help you get started building.

Toshiba T1000 Laptop Internal Modem, Brand New, Never installed with all documentation and original box. \$40.00

Antenna Rotator for light weight HF Beam or any VHF Beam. Set to direction and it rotates to that direction. \$35.00

WANTED:

Trying to locate old RTTY Converter Units such as ST-7, Flesher TU470, any HAL unit.

Contact: Larry, K4LLQ @ 703-347-7609.

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For Sale:

Logitech Serial Mouse	45.00
GVC 1200 Baud External Modem (as-is)	5.00
MFJ 901B 200W Antenna Tuner.	30.00
WYSE-50 Dumb Terminal	40.00
Epson EX-800 Dot Matrix Printer	75.00

Contact: Ron (NV3S) @ 703-330-1213

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For Sale

3 Pioneer cablevision manual converter boxes	\$75.00
4 NMO antenna mounts w/coax mounted on 1988 Ford Crown Victoria, 4dr. Former State Police cruiser; power windows, A/C, Stereo, etc. Super ground system; bucket seats w/radio rack.	\$3,850.00

RCA 1000, 100Watt, 3-Channel base station/command center used by State Police. Nice console & clock. 30-50MHz. Best offer wins!

George (N4LXV) @ 703-368-2732

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For Sale:

IBM PC/XT w/320k, 1 Floppy Drive, Hard Drive	350.00
Princeton HX-12 Color Monitor	350.00
Epson FX-85 Dot Matrix Printer	200.00

Contact: Christopher K. Gatti @ 703-369-1543

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IT'S FUN!  
 YOUR AD HERE.  
 IT'S FREE!






# OLE VIRGINIA HAMS , LATEUR RADIO CLUB

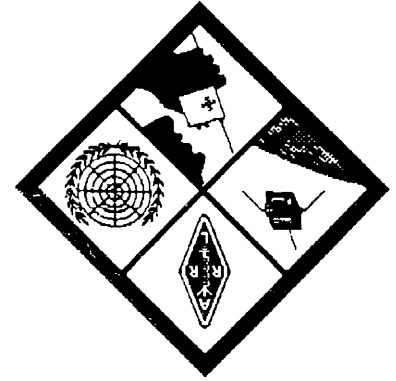
## March 20 - April 23, 1994



SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<b>Mar 20</b> 1300 10-10 NET (28.340) HAMFEST - MONROEVILLE, PA [2000 MEETING-OLE VIRGINIA HAMS WIRELESS-147.84 MHz/223.18 MHz]	<b>Mar 21</b> [2000 MEETING-OLE VIRGINIA HAMS WIRELESS-147.84 MHz/223.18 MHz]	<b>Mar 22</b>	<b>Mar 23</b> 2000 NET-NVEMA-146.79 MHz 2100 NET-FARA-147.165 MHz VEC - GLEN BURNIE, MD	<b>Mar 24</b> [2000 NET-OVH-146.970 MHz/224.66 MHz]	<b>Mar 25</b>	<b>Mar 26</b> 1000 MEETING-MOOSE ARC VEC - GLOUCESTER, VA [HAMBORREE - TIMONIUM, MD]
<b>Mar 27</b> 1300 10-10 NET (28.340) [HAMBORREE - TIMONIUM, MD]	<b>Mar 28</b> 2000 NET-WOODBRIDGE WIRELESS-147.84 MHz/223.18 MHz	<b>Mar 29</b>	<b>Mar 30</b> 2000 NET-NVEMA-146.79 MHz 2100 NET-FARA-147.165 MHz	<b>Mar 31</b> [2000 NET-OVH-146.970 MHz/224.66 MHz]	<b>Apr 1</b>	<b>Apr 2</b>
<b>Apr 3</b> 1300 10-10 NET (28.340) VEC - LANDOVER, MD DAYLIGHT SAVINGS BEGINS EASTER HAMFEST - VIRGINIA BEACH	<b>Apr 4</b> 2000 NET-WOODBRIDGE WIRELESS-147.84 MHz/223.18 MHz	<b>Apr 5</b> MEETING-SPARK	<b>Apr 6</b> 2000 NET-NVEMA-146.79 MHz 2100 NET-FARA-147.165 MHz	<b>Apr 7</b> 1930 MEETING-VA BEACH ARC [2000 NET-OVH-146.970 MHz/224.66 MHz]	<b>Apr 8</b>  NEWS-LEFT-R-AR-TICLE-DEAD-LINE	<b>Apr 9</b> VEC - DAVIDSONVILLE, MD VEC - ALEXANDRIA, VA VEC - CUMBERLAND, MD VEC - HARRISONBURG, VA VEC - RICHMOND, VA NOVA ARES - CHERRY BLOSSOM PARADE
<b>Apr 10</b> 1300 10-10 NET (28.340) VEC - VIRGINIA BEACH, VA NOVA ARES - MS WALKATHON	<b>Apr 11</b> 2000 NET-WOODBRIDGE WIRELESS-147.84 MHz/223.18 MHz	<b>Apr 12</b> 1930 MEETING-FARA	<b>Apr 13</b> 2000 NET-NVEMA-146.79 MHz 2100 NET-FARA-147.165 MHz	<b>Apr 14</b> 1930 MEETING-WOODBRIDGE WIRELESS [2000 NET-OVH-146.970 MHz/224.66 MHz]	<b>Apr 15</b>	<b>Apr 16</b> VEC - LAUREL, MD
<b>Apr 17</b> 1300 10-10 NET (28.340) ARRI STATE CONVENTION - ZEBULON, NC	<b>Apr 18</b> [2000 MEETING-OLE VIRGINIA HAMS WIRELESS-147.84 MHz/223.18 MHz]	<b>Apr 19</b> MEETING-SPARK	<b>Apr 20</b> 2000 NET-NVEMA-146.79 MHz 2100 NET-FARA-147.165 MHz	<b>Apr 21</b> [2000 NET-OVH-146.970 MHz/224.66 MHz]	<b>Apr 22</b>	<b>Apr 23</b> NOVA ARES - NVA EMS DRILL (ALEXANDRIA)



FIRST CLASS MAIL



Ole Virginia Hams A.R.C., Inc.  
Post Office Box 1255  
Manassas, VA 22110



HERE IS SOME FOOD  
FOR THOUGHT:  
THE FCC IS ABOUT TO  
GRANT VANITY CALL  
SIGNS. HOW ABOUT  
ONE FOR OVH?  
ANY IDEAS?