

OLE VIRGINIA TIMES

The OVH ARC Newsletter

"OLE VIRGINIA HAMS" AMATEUR RADIO CLUB, INC.
Post Office Box 1255, Manassas, Virginia 22110

Repeater -- WA4FPM -- 146.970 Out/146.370 In -- 224.660 Out/223.060 In
OVH Nodes -- 145.030 -- 223.540
BBS -- BBSHRG/N4WJN

DECEMBER 1993

TO INCREASE YOUR HAM RADIO KNOWLEDGE
Harry, W4PVA

WHAT IS LITZ WIRE?

Litz wire is a short term for **LITZENGRAUGHT**. This is wire composed of many small wires; sort of like the modern lamp cord, but with each of the small wires insulated from all the others. These small strands of wire are interwoven to obtain maximum results.

All conductors are soldered together at each end of the wire run, but the insulation is maintained throughout the rest of its length.

WHY HAVE A LITZ WIRE?

Litz wire is used to reduce the RF losses in coils. It increases the selectivity of a tuning circuit.

Unfortunately, its RF improvement is observed primarily at frequencies of about 1 MHz. and below. Also, since the individual small wires are woven together, it is too difficult to use and is expensive. So much of a problem that I have not seen any in quite a few years. It is very effective BELOW 500 KHz.

Since its usefulness is nil at amateur frequencies, you will seldom, if ever, encounter it.

For further information, you are referred to a text: *RADIO ENGINEERING* by Frederick Emmons Terman. Dr. Terman discusses this in section two of the book.

OLE VIRGINIA HAMS AMATEUR RADIO CLUB, INC.

OFFICERS AND COMMITTEES

| | | | | | | | | | |
|--|--------|--------------|--|--|--|--|--|--|--------------|
| <u>DIRECTORS</u> | | | | | | | | | |
| BOB | NR4L | 703-361-7335 | | | | | | | 703-335-9352 |
| TIM | KB4NR | 703-494-2737 | | | | | | | 703-369-3940 |
| BUTCH | W4HJL | 703-369-2877 | | | | | | | 703-330-1213 |
| | | | | | | | | | 703-368-0998 |
| <u>REPEATER TRUSTEE</u> | | | | | | | | | |
| ART | W1CRO | 703-791-4330 | | | | | | | 703-369-2877 |
| <u>FINANCE COMMITTEE</u> | | | | | | | | | |
| TIM | KB4NR | 703-494-2737 | | | | | | | 703-791-3839 |
| JIM | WA2QEJ | 703-791-2932 | | | | | | | 703-369-2877 |
| MARY LOU | KB4EFP | 703-369-2877 | | | | | | | |
| PETE | KB4RME | 703-369-2436 | | | | | | | 703-791-3839 |
| TREASURER | | | | | | | | | |
| <u>REPEATER CONTROLLERS</u> | | | | | | | | | |
| ART | W1CRO | 703-791-4330 | | | | | | | 703-368-6050 |
| TIM | KB4NR | 703-494-2737 | | | | | | | |
| MILT | N4SN | 703-369-7265 | | | | | | | 703-369-1575 |
| JIM | WA2QEJ | 703-791-2932 | | | | | | | |
| STEVE | KB4QF | 703-368-6901 | | | | | | | |
| RUSS | WB4HHN | 703-368-6435 | | | | | | | 703-791-5995 |
| BUTCH | W4HJL | 703-369-2877 | | | | | | | |
| MARY LOU | KB4EFP | 703-369-2877 | | | | | | | 703-330-8844 |
| <u>PROGRAM CHAIRMAN</u> | | | | | | | | | |
| JOE | AB4QV | 703-369-6536 | | | | | | | |
| <u>1994 HAMFEST CHAIRMAN & CO-CHAIRMAN</u> | | | | | | | | | |
| JIM | N3ODZ | | | | | | | | |
| JACK | N4YIC | | | | | | | | |
| <u>REFRESHMENTS</u> | | | | | | | | | |
| T.B.D. | | | | | | | | | |
| <u>MEMBERSHIP CHAIRMAN</u> | | | | | | | | | |
| JIM | WD4OJY | 703-369-3940 | | | | | | | |
| <u>OFFICERS</u> | | | | | | | | | |
| PRESIDENT | N6NSM | | | | | | | | |
| VICE PRES | WD4OJY | | | | | | | | |
| SECRETARY | NV3S | | | | | | | | |
| TREASURER | WV3H | | | | | | | | |
| <u>EMERGENCY COORDINATOR</u> | | | | | | | | | |
| HARRY | W4PVA | 703-368-6050 | | | | | | | |
| <u>TECHNICAL COMMITTEE</u> | | | | | | | | | |
| BUTCH | W4HJL | 703-369-2877 | | | | | | | |
| TIM | KB4NR | 703-494-2737 | | | | | | | |
| BOB | N4RL | 703-361-7335 | | | | | | | |
| JIM | WA2QEJ | 703-791-2932 | | | | | | | |
| <u>PACKET COMMITTEE</u> | | | | | | | | | |
| MIKE | WV3H | 703-335-2642 | | | | | | | |
| WOODY | KD4DEG | 703-368-5180 | | | | | | | |
| JOHN | KI4RO | 703-349-2650 | | | | | | | |
| BILL | N4WIN | 703-590-9562 | | | | | | | |
| ALAN | KB4KBX | 703-330-8844 | | | | | | | |
| <u>COMPUTER COMMITTEE</u> | | | | | | | | | |
| DICK | WD4AZG | 703-791-3839 | | | | | | | |
| MILT | N4SN | 703-369-7265 | | | | | | | |
| TIM | KB4NR | 703-494-2737 | | | | | | | |
| <u>SCHOLARSHIPS</u> | | | | | | | | | |
| PETE | KB4RME | 703-369-2436 | | | | | | | |
| <u>1994 FIELD DAY CHAIRMAN</u> | | | | | | | | | |
| RON | NV3S | 703-330-1213 | | | | | | | |
| <u>GENERATORS</u> | | | | | | | | | |
| TOMMY | KA4AFU | 703-369-2741 | | | | | | | |
| <u>BUTCH</u> | | | | | | | | | |
| JIM | | | | | | | | | |

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

J EDGAR MCDERMOTT/NS5N

DECEMBER 1993

Here's a Good One

Date: 19 Nov 93 01:37
Message-ID: <54750@K3MD >
From: KD5MN@K3MD
To: L@USA
Subject: CW on the car horn.
Path: N4WJN!KF4TE!WB3FFV!WB3V!
KA3RFE!N3HYM!KQ4OK!KI7AE ...
From: KD5MN@K3MD.#WPA.PA .
USA.NA
To : ALL@ALLUS

I recently sent a message concerning a YL who found herself behind a car that had call letter plates. The YL (a ham) tapped out CQ on her horn, only to receive the one finger salute from the supposed ham driver, of the other vehicle. The assumption of the female driver and the person she was talking to (I was merely an eavesdropper; I wasn't part of the QSO), was that the other driver was a no-code Tech. In relating this story on the packet network, I suggested that no-coders at least learn a few code pro-words, so that if this happened to them, they would at least recognize that the person tooting at them, was saying 'hello.'

Once upon a time this was a common thing drivers who were hams would shout HI or CQ on their car horns, if they happened to come across each other on the highways. All the arguments about how stupid a thing this was to do, don't stand up to the history of pre-no-code ham radio.

Although I got lots of replies both pro and con about this matter, it's interesting to note that most of the negative replies and all the rabid, flame-filled ones, came from people whose calls start with either 'K-letter-number' (most of them) or 'N-number' (a relative few of them. Must be some sort of a relationship, there. All the pre-1988-or-so calls were positive.

-73, de Pat, KD5MN @
K3MD.#WPA.PA. USA.NA

CLUB HATS

AT OUR NEXT MEETING THE TOPIC OF CLUB HATS WILL BE BROUGHT UP. AT OUR LAST FEST DAN KC4EWT AND COMPANY DECIDED IT WOULD BE NICE IF WE HAD BASEBALL CAPS FOR THE WORKERS OF THE HAMFEST. WELL IT WENT OVER GREAT!!

WE CAN ORDER MORE OF THESE HATS FOR INDIVIDUAL MEMBERS, AT \$8.36 EACH INCLUDING TAX. IF WE CAN GET AN ORDER OF 37 OR MORE THE PRICE WILL BE 7.00 EACH +TAX. THE HATS ARE EMBROIDERED WITH THE CLUB LOGO AND INDIVIDUAL CALL SIGN.

THE ORDER WILL BE PLACED ON OR ABOUT THE FIRST OF THE YEAR. IF YOU CANNOT MAKE THE MEETING IN DECEMBER, AND WANT TO PURCHASE A HAT LET ME KNOW AS SOON AS POSSIBLE.

PHONE 361-0008.
73 MERRY CHRISTMAS AND
HAPPY NEW YEAR. DE THE
"OGER"

STEVE N4OGR

FOOD for THOUGHT

It has been brought to the attention of the editor that there exists a need to upgrade the communications capability of the club's Field Day and emergency antennas. We have always had good radio gear and an abundance of that to rely upon when needed. Sadly, the same is not true for the antenna situation.

What is proposed, is the purchase of a good quality replacement antenna for the poor Butternut vertical that is currently in use after its umpteenth overhaul. A good replacement for this would be the R-7 or R-5, depending on what type of frequency coverage would be desired. Also, a good quality tri-band beam antenna for 20, 15, and 10 meters is needed. Partly to reduce the polarization interference that is experienced during Field Day and partly to give the club a bit more versatility.

It would be nice to have both of these available by the next operating event, but this can only occur if someone mentions this article at the next club meeting and the membership votes to accept the idea.

Thank you for your time and consideration in this matter and I hope to see you all at the December meeting.

de Anonymous



10-10 NET

I sure would like to let everyone know about the 10-10 net on Sunday..

As you know its the American Eagle chapter of 10-10 international and it meets every sunday at 1300 local time on 28.340 mhz. I would like to make it more than just a line or two in the paper but I do not have any way to create a small flier...

There are some former members who have not gotten the word about the current activity or the new time...

Although the band is not as good as it once was, we had a check in from Salt Lake City, Utah last sunday...

My indoor antenna did a good job by the way...

73 for now
de Jim/WD4OJY

NEXT MEETING

The next meeting of the OLE VIRGINIA HAMS AMATEUR RADIO CLUB will be on December 20, 1993, in the Basement Meeting Room of the Northern Virginia Electric Cooperative, 10323 Lomond Drive, Manassas, VA. The meeting starts at 8:00 PM and all are welcome to attend.

NOTICES

20 Nov 93, Ivan-KD4DFD passed element 4A at the HRG exam session and upgraded from General to Advanced class. Congratulations to Dan KC4EWT, if you see him, for passing his Extra, also.

THE OVH CLASSIFIEDS

Wanted:

MFM Hard disk controller with floppy drive controller for a Seagate drive Model #ST-251-A Seagate ST-22M is the recommended card. I would also be interested in a terminating resistor for a Seagate ST-251.

Contact:

Jim (WD4OJY) @ 703 369 3940 - evenings or on packet, either direct or via N4WJN.

For Sale:

Tandy DMP-132 Printer. Hard working utility dot matrix printer. Excellent for use as line printer on packet radio.

\$100.00

Panasonic KX-P2624 24-Pin Dot Matrix Printer. This is a wide carriage printer supplied with Adobe Type Manager Software for an unbelievable amount of Fonts and printing capability. Wife wants a laser printer so this one goes cheap,

\$300.00

MFJ-1278 Multimode TNC all Software and Documentation PLUS a homebrewed interface for any radio configuration. This interface provides DC isolation of the audio line for those rigs that have a control voltage on the audio line. Perfect for use with ICOMs and such.

\$250.00

Contact:

J Edgar (NS5N) @ 703 330 7333

For Sale:

MFJ-931 MFJ Artificial Ground

\$55.00

2 Seagate ST-277 65Mbyte drives with RLL 1:1 controller (AT BUS)

\$325.00

Genoa EGA Card Super Hi-Res 800x600

\$70.00

Central Point Software COPY II Board

\$25.00

Adaptec RLL Controller Interleave 3:1 w/floppy support. (for XT)

\$15.00

CGA PC Board

\$5.00

Sound Board (B.G. Micro)

\$20.00

4 port I/O board (82450 UARTS) w/adaptor cable

\$20.00

Future Domain - TMC-8 50MEX SCSI Controller f/u/w CD-ROM only - no floppy or HD support)

\$20.00

286 Motherboard w/1mbyte RAM and Co processor

\$125.00

Contact:

Mike (KC4ZNQ) @ 703 335 5031 or on packet, direct (M&X KC4ZNQ-1) or via KF4TE (145.07).

FREE!

One box of Vacuum Cleaner Bags with spare NEW brush for a Bissel Electric Broom.

Contact:

Harry (W4PVA) @ 703 368 6050

For Sale:

Yaesu FT757 GX II HF Transceiver in mint condition with Box, Mobile Mount and Manual.

\$695.00

Contact:

George (NVIXV) @ 703 368 2732

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.

\$2 00

Heath Kit HD 4040 Packet Termina Node Controller (TNC). . . as formally used at K4LLQ-5 digi.

\$60.00

RG-11 72 ohm Coax Brand New.

15 cents a 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.





OLE VIRGINIA HAMS . LATEUR RADIO CLUB

December 19, 1993 - January 22, 1994

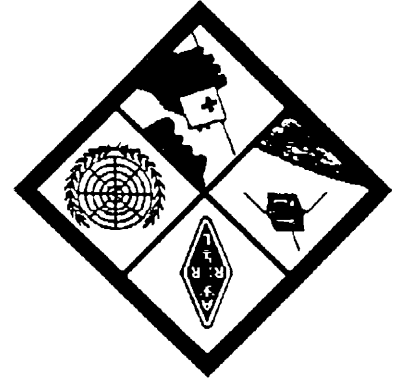


| SUNDAY | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY | SATURDAY |
|---|--|-----------------------------|--|---|--------|--|
| Dec 19 1300 10-10 NET (28.340) | Dec 20 2000 MEETING-OLE VIRGINIA HAMS 2000 NET-WOODBRIDGE WIRELESS-147.84 MHz/223.18 MHz | Dec 21 MEETING-SPARK | Dec 22 0500 URSID METEOR SHOWER 2000 NET-FARA-147.165 MHz 2000 NET-NVFMA-146.79 MHz | Dec 23 2000 NET-OVH-146.970 MHz/224.66 MHz | Dec 24 | Dec 25 1000 MEETING-MOOSE ARC |
| Dec 26 1300 10-10 NET (28.340) | Dec 27 2000 NET-WOODBRIDGE WIRELESS-147.84 MHz/223.18 MHz | Dec 28 | Dec 29 2000 NET-FARA-147.165 MHz 2000 NET-NVFMA-146.79 MHz | Dec 30 2000 NET-OVH-146.970 MHz/224.66 MHz | Dec 31 | Jan 1 |
| Jan 2 VEC LANDOVER,MD 1300 10-10 NET (28.340) | Jan 3 2000 NET-WOODBRIDGE WIRELESS-147.84 MHz/223.18 MHz | Jan 4 MEETING-SPARK | Jan 5 ARTICLE DEADLINE 2000 NET-FARA-147.165 MHz 2000 NET-NVFMA-146.79 MHz | Jan 6 1930 MEETING-VA BEACH ARC 2000 NET-OVH-146.970 MHz/224.66 MHz | Jan 7 | Jan 8 VEC DAVIDSONVILLE, MD VEC ALEXANDRIA, VA VEC WASHINGTON, D.C. |
| Jan 9 1300 10-10 NET (28.340) | Jan 10 2000 NET-WOODBRIDGE WIRELESS-147.84 MHz/223.18 MHz | Jan 11 1930 MEETING-FARA | Jan 12 2000 NET-FARA-147.165 MHz 2000 NET-NVFMA-146.79 MHz | Jan 13 1930 MEETING-WOODBRIDGE WIRELESS 2000 NET-OVH-146.970 MHz/224.66 MHz | Jan 14 | Jan 15 VEC LAUREL, MD |
| Jan 16 RICHMOND FROSTFEST AMSAT SEMI-ANNUAL MEETING 1300 10-10 NET (28.340) | Jan 17 2000 MEETING-OLE VIRGINIA HAMS 2000 NET-WOODBRIDGE WIRELESS-147.84 MHz/223.18 MHz | Jan 18 MEETING-SPARK | Jan 19 B.A.R.C. MINIFEST TIMONIUM 2000 NET-FARA-147.165 MHz 2000 NET-NVFMA-146.79 MHz | Jan 20 2000 NET-OVH-146.970 MHz/224.66 MHz | Jan 21 | Jan 22 |



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FIRST CLASS MAIL



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



**MERRY
CHRISTMAS**