



Ole Virginia Times

The OVH ARC Newsletter



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

Repeater: WA4FPM -- 146.97 Digipeater: WA4FPM-1 -- 145.09
WA4FPM -- 224.66 FROM THE PRESIDENT'S WA4FPM-3 -- 223.40

SHACK

JOHN (N4YOB)

This is the first OPPORTUNITY that I have had to provide any input to our monthly newsletter since the current officers were elected for the 1992 year. First of all, a well deserved thank you is in order for our outgoing officers, Mary Lou (KB4EFP), Jimmy (WA2QEJ), Steve (N4OGR) and Joe (AB4QV). Under the direction of our former officers, the Ole Virginia Hams enjoyed another successful year of amateur radio.

During the last several club meetings, I heard several comments about the lack of a newsletter. Bonnie (N4QPB) has so graciously volunteered to continue as the newsletter editor. This is a significant undertaking. Not only does the newsletter need to get assembled but a tight schedule must be met in order to get it to the printer, labeled and postage applied. To relieve Bonnie of some of the administrative burden associated with the newsletter, we have had some OVH members volunteer to assist in this area. If you are interested in helping to get the newsletter in the mail give Jim (WD4OJY) a call. Remember, the success of the newsletter depends on the articles provided by our club members. If you have anything to include in the newsletter, get the information to Bonnie no later than the 25th of the month. Bonnie, thank you for keeping the newsletter coming.

There have been a number of activities that OVH has been involved with the last couple of months. First of all, was another successful hamfest along with a wonderful bit of weather. We also had a good turn-out for this years field day held a James S. Long park. From all reports received it was another enjoyable day. It seems that OVH is getting very proficient in supporting the counties bicycling activities and other requests for amateur radio service. I would personally like to thank all the committee members of these activities for their dedication to making these events successful and the membership for their assistance and support. That's what makes these events a success.

We are going into the middle of the summer with a lot more activities requiring OVH support. If you can give us some of you valuable time please do, and it will be appreciated.

Ole Virginia Hams Amateur Radio Club, Inc.

EDUCATION

by

JOHN (N4YOB)

The OVH No-code Technician Class ended in June and approximately seven new No-code Technicians passed their exams at the OVH VEC examination session. It will be a few weeks before these folks receive their licences and we can welcome them to the OVH repeater. We still have a couple of students that haven't taken their exams yet but I am anticipating that will occur soon.

Currently, we are planning to conduct another code and theory class for new hams. Now is the time to capture those old friends who have been procrastinating about getting an amateur radio license. Let them know that we will be having a new class starting. Better yet bring them there. I don't have a firm date for this as yet, but it should occur around the end of August. Details are still being finalized. Stay tuned to the weekly net or read the education column in the newsletter.

AWARDS

Recently, two members of the Ole Virginia Hams have received special recognition from various agencies.

At the June OVH meeting, Harry (W4PVA) received an award from the American Red Cross for his dedicated support the American Red Cross emergency preparedness service. Harry was recognized for his work as Prince William County Emergency Coordinator and for his technical assistance in helping maintain Red Cross communications equipment. Congratulations Harry!!!

Our newsletter editor, Bonnie (N4QPB) received an award for excellence in producing an amateur radio club newsletter by the Amateur Radio News Service. This is not the first time that Bonnie has been recognized by the ARNS and hopefully, will continue to be recognized for her outstanding editorial capabilities. Congratulations Bonnie!!!!

LET'S WELCOME THE NEW MEMBERS

Larry (WA2AJQ)

Ann Marie (N8NCC)

WELCOME!!!!!!

WELCOME!!!!!!

WELCOME!!!!!!

EDITOR'S NOTES

After a few months leave I'm back!!!!!! Please bear with me for a couple of months will I straighten out my files, formats, notes, etc. (not to mention getting used to a new computer and an new, but ancient, printer -- alas, I was so used to that HP LaserJet II!!!!).

I appreciate everyone who, at a last moment's notice, sent articles and space fillers for me to use! You all are great!!!

As before, the deadline for articles to appear in an edition of the Newsletter is the 25th of the previous month!!! They may be sent to me at:

Bonnie Vogel-Frick (N4QPB)
246 Kent Drive
Manassas Park, VA 22111
703-361-0008

The submissions may be typed, handwritten, crayoned, finger-painted or they may be phoned to me at the above telephone number. (Unfortunately, I am unable to accept smoke signals due my view being obstructed by trees!)

I hope to be back into full publication with a more pleasing to the eye format within a couple of months, so stay tuned!!!!!!

Bonnie (N4QPB)

YOUR FOR SALE ITEM

SWAP & SHOP

COULD GO HERE !!!

OLE VIRGINIA HAMS

OF INTEREST TO ALL CLUB MEMBERS

Viola (Vi) and Harry (W4PVA) Vorhauer, will have been married for 50 years as of August 13, 1992, and they invite all of their "HAM" friends to drop by during their observance -- Saturday, August 15th, between 2:00 and 4:00 p.m. The address is:

94 Meeker Court
Manassas Park, VA

It has been requested that NO GIFTS OF ANY KIND should be offered or will be accepted!

They make the observation that 50 years with one person can often be an extremely long time, but not too long for them!!!!!!!

CONGRATULATIONS HARRY AND VI!!!!!!!!!!!!

NOTES FROM CLUB MEMBERS

June VE Examinations:

The OVH has been sponsoring a VE exam twice a year (with good results). Recently there have been a number of inquiries from candidates asking why OVH is holding the exams on the weekend AFTER the Manassas Hamfest and not during the Hamfest.

The answer given is "most of the accredited examiners are occupied with setting up for the Hamfest on the Saturday before the Hamfest, and on Sunday, they are occupied with helping run the Hamfest and later with clean up."

It has been proposed to hold the June examinations on the Saturday before the Hamfest -- in the afternoon. This would allow the examiners to do both the setup of the Hamfest and attend the examinations. Of course, it would take most of their day.

I, therefore feel it is incumbent upon me to get the feelings of the examiners so that their druthers will be accommodated.

EXAMINERS: Please contact me with regards to this matter so that proper arrangements can be made. My telephone number and mailing address are listed in the OVH Roster, or you can contact me on the air.

I hasten to say the current schedule has been working for a number of years and if a new schedule is not to the best interests of the crew, we will continue to hold with the old schedule.

Harry (W4PVA)

HARRY'S (W4FVA) DITS AND DAHS

Some Notes on Transmission Lines:

A transmission line is a wire which connects between the transmitter at "ground level and the antenna.

It's purpose is to conduct RF power from the transmitter to the antenna with a minimum of losses. All transmission lines have losses, some more than others. These losses can be either by unwanted radiation or simply by wire heating from the RF current passing through it. (Also some dielectrics are lossy!)

Coax Transmission Line:

A coaxial transmission line consists of a center conductor surrounded by an insulator within an outer conductor. These are all arranged on a common center. The insulator can be either solid, foam or spacers. The center conductor MUST not touch the outer conductor. Coaxial lines are usually specified by their impedance (impedance is set by the ratios of the conductor elements at the time of manufacture). There is usually an outer covering to protect the line from weather and abrasion.

Twin Lead Transmission Line:

Twin lead transmission line is made of two conductors (wires) held on a constant distance apart and constant wire size. TV lead-in wire is an example. Another example of twin lead is the LADDER LINE -- here the insulation webbing between the conductors is cut away leaving bits of insulation at intervals to maintain the spacing. Still another is OPEN WIRE LINE -- here the transmission line is made of two conductors spaced with insulators at intervals. TWIN LEAD, LADDER LINE AND OPEN LINE are essentially the same thing in so far as function is concerned.

Advantages:

Coax line is relatively more lossy than twin lead. But, it is nearly immune to outside items such as metallic support and weather while twin lead is susceptible to these items.

Coax lines are easy to run, they can be laid on the ground or even buried therein with little effect on performance while twin lead lines must be kept clear of most surfaces.

Twin lead lines are more efficient.

Coax lines, with their inner conductor/outer conductor need a balun if the antenna being fed is a Dipole. Twin lines do not.

Most modern transmitters/transceivers are designed to operate with 50 ohm coax lines and an antenna tuner is needed to connect between twin lead lines and modern transceivers.

Guess I have used up too much space and better let things drop at this point. Questions are welcome and can lead to exposing facets of transmission lines that have not been discussed here!!!

FIELD DAY NOTES

ARRL field day took place this year on Saturday, June 27, through Sunday, June 28. The Ole Virginia Has participated in the 3A category with three HF stations, one Novice station and a 2 Meter Packet station. The antennas consisted of three verticals, one dipole and an Isopole in reserve. All three HF stations and the Novice station were manned almost continuously for the full 24 hour period, with the exception being the 0500 z.z.z. to 0900 z.z.z period. This resulted in a total of 199 CW contacts, 216 voice contacts and 25 packet contacts. On Saturday evening, grilled hamburgers were served to keep up the morals of the operators and observers. The cook-out was attended by families of operators, several of whom brought homemade desserts which were well received.

Field Day 92 was a big success because of the efforts of everyone who volunteered their time, expertise and equipment. I would like to say "Thanks" to everyone who came out to help. A special THANK YOU goes to Milt (N4SN) and Joe (KC4WKQ) for the use of their calls.

Hope we have as much fun next year as we did this year!!!!!!

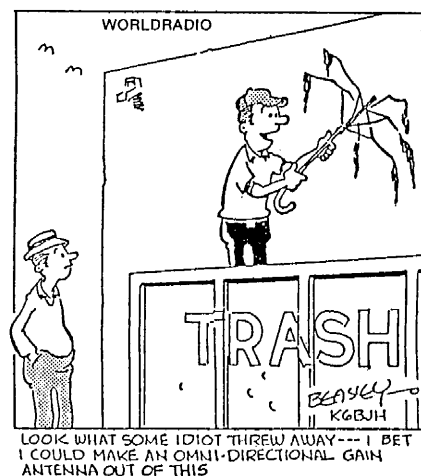
73 -- Jeff (KB4IWD)

(Editor's Note: I would like to say a great big "THANK YOU" to Jeff and Dan for being there, stepping in, and doing a fantastic job at the last minute when I had unsuspected problems arise which kept me from acting as Field Day Chairperson this year. You two did a wonderful job!!!! Again, THANK YOU!!!!!!!!!!)

NEXT MEETING

The next meeting of the Ole Virginia Hams Amateur Radio Club will be Monday Evening, July 20th, 1992, 8:00 p.m., at the Northern Virginia Electric Co-op, on Lomond Drive (near the intersection of Lomond Drive and Rt. 234 -- behind the Westgate Shopping Plaza), Manassas, Virginia.

Hope to see YOU there!!!!!!



July, 1992

NEWSLETTE

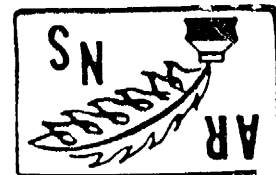
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
19 10-10 EAGLE NET 2300 28.340	20 OVH MEETING 8:00	21	22	23 OVH NET 146.970 8:00	24	25 NEWSLETTER DEAD LINE
26 10-10 EAGLE NET 2300 28.340 HAMFEST TIMONIUM MD. VE TEST	27	28 VE TEST ANNAPOLIS MD.	29	30 OVH NET 146.970 8:00	31	

Sunday Monday Tuesday Wednesday Thursday Friday Saturday

August, 1992

1
VE TESTING
HAMPTON VA.

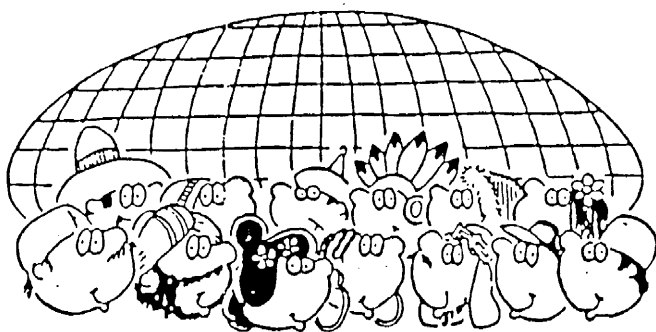
2 BERRYVILLE HAMFEST 10-10 EAGLE NET 2300 28.340	3	4	5	6 OVH NET 8:00 146.970	7	8 TWO DAYS MARYLAND, DC QSO PARTY "OVH" BREAKFAST VE TESTING ALEXANDRIA
9 DAY TWO MARYLAND, DC. QSO PARTY 10-10 EAGLE NET 2300 28.340	10	11	12 'MARC' NET	13 OVH NET 8:00 146.970	14	15
16 TESTING OUTH PATUXENT HAMFEST EAGLE NET 28,340 5pm	17 OVH MEETING 8:00	18	19	20 OVH NET 8:00 146.970 ARRL NATIONAL CONVENTION LA. CALIF.	21 ARRL NATIONAL CONVENTION LA. CALIF	22 ARRL NATIONAL CONVENTION LA. CALIF.



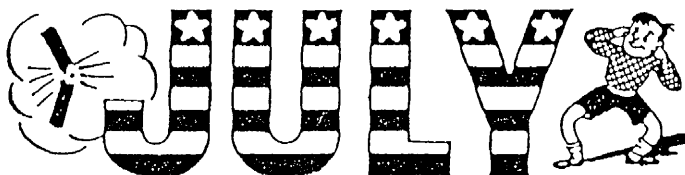
FIRST CLASS MAIL



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



WORLD WIDE FRIENDSHIP THROUGH AMATEUR RADIO



1992