



Ole Virginia Times

The OVH ARC Newsletter



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

Repeater - WA4FPM -- 146.37/97 Digipeater - WA4FPM-1 -- 145.09
220MHz Digipeater - WA4FPM-3 -- 223.4

AUGUST 1988 ISSUE

FROM THE PRESIDENT'S SHACK:

Well, what do we do now that the Hamfest and Field Day are over for another year? Start getting ready for the same events next year. We will soon have a critique of this Year's Hamfest; the goal is to identify the good things and retain them while simultaneously seeking ways to improve in areas where we didn't do so well. We need your help. You were there. You say how things went. You heard people talk about what they liked and what they didn't. Help us out by giving us your ideas, your pet peeves, your gripes, as well as what others said. Tell Randy (KA4UFF) or me at the next meeting. Call us. Write us a note; twenty five cents postage is still a bargain. Every idea will be considered. Let's make next year's Hamfest the biggest and best ever.

Program's at our meetings are still rare. What would you like to have as a Program? Since we have no Program Chairman, we do the best we can, but we do need specific ideas (topics, potential presenters). Nancy (NK4U) has promised a Program on Foundation for Amateur Radio. As soon as vacations are over, I will arrange this for a Fall meeting. It will not be until after the Gaithersburg Hamfest, because of Nancy's involvement in that event. How about some more ideas.

See you at the next meeting and at the picnic (details elsewhere in this issue).

Ed (KC4YY)

Listen to the Westlink Report at 8:00 pm Thursday Evenings during the OVH Weekly Bulletin.

CLUB OFFICERS AND COMMITTEES

Directors:

Bob McCann (N4RL)
Tim Wayne (KB4NR)
Mike Feher (N4FS)
Butch Blasdell (W4HJL)

Officers:

President -- Ed Stalder (KC4YY)
Vice President -- Joe Tutino (KB4VHK)
Secretary -- Randy Moler (KA4UFF)
Treasurer -- Steve Frick (N4OGR)

Repeater Trustee:

Art Whittum (W1CRO)

OVH Weekly Net:

Harry Vorhauer (W4PVA)

Emergency Coordinator:

Harry Vorhauer (W4PVA)

Repeater Controllers:

Art Whittum (W1CRO)
Tim Wayne (KB4NR)
Milt Warnock (N4SN)
Jim Lascaris (WA2QEJ)
Steve Meade (KB4OF)
Russ Stevens (WB4HHN)
Butch Blasdell (W4HJL)
Mary Lou Blasdell (KB4EFP)
Jack Gunsett (KI4VP)--Digipeater

Technical Committee:

Butch Blasdell (W4HJL)
Jim Lascaris (WA2QEJ)
Tim Wayne (KB4NR)
Bob McCann (N4RL)

Refreshments:

Mary Lou Blasdell (KB4EFP)

Sunshine Chairperson:

Bernice Miller (KA4SCA)

Field Day:

1988 Curt Wann (K4ITO)

Program Chairman:

Open

Club Newsletter:

Steve Frick (N4OGR)
Bonnie Frick (N4QPB)

Historian:

Gregg Brunacci (N4RKV)

Publicity Chairman:

Gregg Brunacci (N4RKV)

F.A.R. Representative:

Don Hammack (N4PYJ)

1988 Hamfest

Randy Moler (KA4UFF)

Generators:

Tom Watts (KA4FU)

Computer Committee:

Dick Miller (WD4AZG)
Milt Warnock (N4SN)
Tim Wayne (KB4NR)

Membership:

Ken Moan (N4NLO)

Scholarships:

Mike Feher (N4FS)

Westlink Report:

Mail List:

Dick Miller (WD4AZG)

Club Picnic:

Bernice Miller (KA4SCA)
Mary Lou Blasdell (KB4EFP)

Jack Gunsett (KI4VP)

Educational Committee:

Bob McCann (N4RL)

The Ole Virginia Times is published monthly by the Ole Virginia Hams Amateur Radio Club, and is mailed free to members of OVH. Permission is granted for use of material contained in this Newsletter, provided proper credit is given. This editor will swap Newsletters with other Clubs and Associations upon request. Newsletter deadline is the 5th of each month. The Newsletter is entered as First Class Mail at the Manassas Post Office, Virginia.

The Editor

WORLD WIDE FRIENDSHIP THROUGH AMATEUR RADIO

* REPEATER NOTES *

By Tim Wayne, KB4NR
Technical Committee Chairman

I am happy to report that "most" items have been received for our 220 Mhz Repeater, that is all but the Antenna. Patience is a virtue, I am told. For your information the frequencies for our new repeater will be: **223.06 Mhz Input, 224.660 Mhz Output** and it most likely will be linked with our 2 Meter repeater, at least for the time being.

Lately, some of you have heard a strong interference on our .97 machine, it cannot be avoided because it is a spurious on our input frequency created by our benefactors "Load Management" transmitter when it gets out of tune. It would behoove us not to bite the hand that feeds us, especially since they are pretty good about taking care of the problem in a relatively short time (a day or two) whenever it does occur. **This is "nothing" compared to what other repeaters have to endure.**

It is quite another thing when a person deliberately gets on our repeater for prolonged times playing with the "Touch Tones", and otherwise transmits without giving any ID. Besides messing up the system by randomly inserting blank DVR messages, and other nuisances that have to be cleared, it is a violation of the Federal Communications Commission rules and regulations. This has persisted past the realm of tolerable mischievousness and must be dealt with. **I am actively seeking to recruit members that can and will assist with direction finding techniques to locate this station,** so that the authorities can apprehend and prosecute this individual.

On a more subdued note, it is requested that if any of us inadvertently punch the wrong code, or it gets decoded wrong and the repeater says "Who is your message for?" **DON'T just kerchunk and leave a blank message...**it messes up the numbering sequence of the messages, and makes it hard to track down in order to erase them! Instead say something... like your own call or "Test" or "Oops!" or whatever. **Go trough with it!** You don't even have to erase it if you don't want to, I'll gladly do that for you, but **at least we will know where and what it is.**

All of us were quite busy this last month, at least I was with a wedding, out of town guests, vacation and a variety of other pursuits. Perhaps things will slowly return to normal and we can tackle some of the improvements and modifications long planned for our repeater, I will try and keep you informed of them and their progress in future notes and bulletins.

KB4NR

OLE VIRGINIA HAMS

NOTES FROM THE OFFICE OF THE HISTORIAN/PUBLICITY CHAIRMAN:

I am looking for any interesting information from our Club's past. Old pictures of the Club's past Guys and Gals, old rosters and the like.

If you have any articles from the Club's past, or you have any information on the Club which should be sent to different publications, send them to the my attention to the address on the front of "Ole Virginia Times."

"Thanks!" Historian/Publicity Chairman, Greg (N4RKV)

SNIPS FROM THE EDITOR:

It appears that Land Mobil Service has gotten its way! August 4th, 1988, the FCC ruled that Public Interest would best be served by giving Land Mobil Service 220-222MHZ and letting Amateur Radio have exclusive use of 222.01 - 225 MHz.

It is sad to think that not enough Hams cared or could not get "around to it" to file their comments on this matter. We, the Editors of "The Ole Virginia Times", hope that this will not set a precedent on other Amateur Bands.

Interested in a Technician/General Theory Class?

A request has been made to find out if there is sufficient interest in a Technician/General Theory Class to warrant our Club holding one. If interested, please drop us a card in the Club Post Office Box or give us a call.

COME ONE --- COME ALL -- TO THE ANNUAL CLUB PICNIC!!!!!!

When: Saturday, September 24th, 1988

Where: Art's (W1CRO) Home QTH

Time: 1:00 pm till whenever

All Club members and their families are invited. If you would like to bring something for everyone, please contact MaryLou (KB4EFP) or Bernice (KA4SCA). Don't forget to bring lawn chairs.

So mark your calenders now so you don't forget. (More information and directions in next month's Newsletter.) Rain date has been set for Sunday, September 25th, 1988. Hope to see you there!!

Memo from Harry Vorhauer

Volunteers are needed to help provided communications for the Childrens Festival at Wolf Trap Farm Park. The Festival is held on Labor Day Weekend and is a fantastic event. For more information, call me.

The 1988 Prince William Park Authority Bike Tour will be held on Sunday, September 2nd, 1988. I will be looking for volunteers between now and then for ham radio participation.

If anyone is interested in either of the above, call me.

Harry (W4PVA)

**Make a difference—
VOLUNTEER**

"OLE VIRGINIA HAMS"

ARRL BULLETIN 81

From ARRL Headquarters
Newington CT August 4, 1988

STATS FROM THIS YEAR'S FIELD DAY:

Band	CW	Phone
80M	119	96
40M	31	215
20M	128	129
15M	11	36
2M	0	21
2M Packet	3	
<hr/>		
QSO's	292	497
Novice	6	62
<hr/>		
Total	298	559

Which gave us a total of 2310 points, not counting bonus points for emergency power, receiving W1AW Field Day Message and Publicity. Total results will be published in QST.

GENERAL INTEREST:

ARRL Packet Radio Conference:

The ARRL will be hosting the Seventh Annual Packet Radio Conference Saturday, October 1, 1988. The Conference is scheduled to be held at Johns Hopkins University Applied Physics Laboratory, near Columbia, Maryland.

Papers are sought for this Conference, and must be submitted, camera-ready, prior to August 25th, 1988. Technical papers on all aspects of Amateur Radio are invited. Those on digital techniques are of particular interest.

To submit a paper or for further information, contact Maty Weinberg at ARRL HQ. **AUTO-CALL**, August 1988 Issue.

To All Radio Amateurs

FCC today adopted a report and order in General Docket 87-14, the proposal to Reallocate the 220-222 MHz Band to the Land Mobile Service. In balancing the impact on existing users, emergency communications, and future amateur growth against Land Mobile requirements, the Commissioners concluded that the reallocation was in the public interest despite overwhelming opposition. Wishing to reassure amateurs of its strong support for the service, FCC emphasized that the remaining 3 MHz of the Band, 222-225 MHz, would be available to amateurs on an exclusive basis, thus removing the cloud that has hung over the status of the Band for many years. The effective date of the reallocation will be announced later.

ARRL continues to oppose the reallocation, and will pursue all available means to reverse the Commission action.

rectifiers and filters 493

Figure R-15 shows a bridge voltage doubler, which is converted from the circuit in Figure R-13 by adding two more diodes.

Figure R-16 shows how cascade voltage doublers (Figure R-14) can be added to obtain further voltage multiplication. The number of stages is limited, however, by the load current, which must be small, and deterioration in regulation as the number of stages increases.

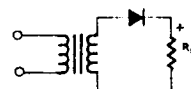


Figure R-10
Single-Phase Half-Wave Rectifier

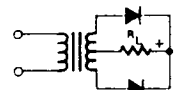


Figure R-11
Single-Phase Full-Wave Center-Top Rectifier



Figure R-12
Single-Phase Full-Wave Bridge Rectifier

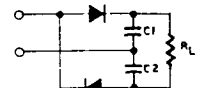


Figure R-13
Voltage Doubler Rectifier

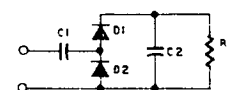


Figure R-14
Cascade Voltage Doubler Rectifier

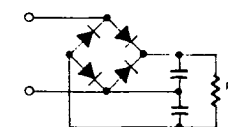


Figure R-15
Bridge Voltage Doubler Rectifier

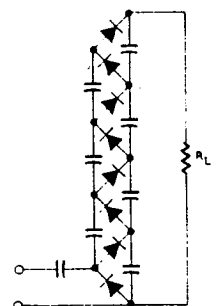


Figure R-16
Cascade Voltage Doublers Combined to Make a Voltage Quadrupler

Ole Virginia Hams Amateur Radio Club, Inc.

SWAP & SHOP

FOR SALE: 10MB internal hard disk drive with full length HD Controller card and interface cables. Recently removed from a Corona Data Systems Model PC-HD (Similar to IBM-PC-XT).

VFO-820 Remote Variable Freq Oscillator with interconnecting cable. Originally for TS-820. I used it on a TS-520 with no problems.

Contact: Art Whittum (W1CRO)

FOR SALE: Yaesu 2 M FT-209RH handie talkie for \$225.00.

70cm (440) FT-709R handie talkie for \$250.00.

WANTED: Yaesu FT-727R.

Will buy or make a deal on trade. Also looking for a packet controller, CHEAP, for a dedicated packet station.

Contact: Greg (N4RKV)

WANTED: Clerical Job

Contact: Mathew Clarke at 361-3678

FOR SALE:

Kenwood xcvr with cw xtal filter, digital display, service manuals, B&W L-P filter (1K.W)--\$350.00

Kenwood remote VFO with service manual--\$100.00

Kenwood station speaker--\$100.00

FOR SALE, continued:

Kenwood station monitor with pan display installed, service manual--\$275.00

Heath 80-10 linear with Drake 1KW LP filter bolted on, manual--\$300.00

Heath "cantenna" dummy load--\$10.00

Kenwood dynamic mic--\$45.00

AEA Computer Interface--\$125.00

Commodore computer with Data-Corder casset recorder/player, TV/Computer switch, AEA-Soft (Morse-Baudot-ASCII) with manual and cable for CP-1/VIC 20 -- \$75.00

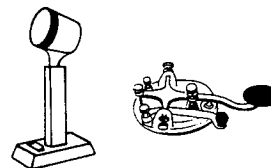
Sylvania GTE 12" b&w TV--\$50.00

Line voltage monitor--\$10.00

And Lots More. For more information, contact Frank Goodell (WA4GFG) (703) 972-2100

NEXT MEETING:

The next meeting of the OVHARC will be held on Monday night, August 15th, 1988, at 8:00 pm. Please use the side basement entrance.



Remember, we are always looking for interesting items for the Newsletter. If you see or know of articles, shack tips, items for sale or wanted, brain teasers, etc., please send them to the Newsletter Editor, c/o Post Office Box 1255, Manassas, VA 22110, or give us a landline (361-0008 or 690-6547). If it is interesting to you, chances are it will be interesting to others.

Steve (N4OGR)

JOIN ARRL

BENEFITS FOR YOU: QST, QSL Bureau, Awards (DXCC, WAS, etc.), Low-Cost Insurance, Operating Aids, Government Liaison and more — Much more! For You!

USE THIS COUPON OR A FACSIMILE AND MAIL TODAY

MEMBERSHIP APPLICATION

PRO/83

Atlantic Division Director
Hugh Turnbull -- W3ABC
6903 Rhode Island Avenue
College Park, MD 20740
Phone: (301) 927-1797

Roanoke Division Director
Gay E. Milius -- W4UG
1416 Rutland Drive
Virginia Beach, VA 23454
Phone: (804) 481-5095

Name _____ Call _____
Street _____
City _____ Prov./State _____ PC/ZIP _____
\$25 in U.S./\$30 in Canada/\$33 elsewhere (U.S. funds)
Licensed Amateurs, age 17 or under or age 65 or over, upon
submitting proof of age, may request the special dues rate of \$20 in
the U.S. (\$25 in Canada, \$28 elsewhere (U.S. funds)).
For postal purposes, 50 percent of dues is allocated to QST, the
balance for membership.
VISA or Chargex No. _____ Expires _____
Master Card No. _____ Bank No. _____ Expires _____

The American Radio Relay League
225 Main Street, Newington, CT 06111 USA

AUTO-
CALL

Note:

If you are joining the ARRL for the first time and you wish to thank the ARRL-Affiliated Club that introduced you to the ARRL, please enter its 4 digit code (club members can tell you what their code is) in the space provided below.

Enter 4-digit code for sponsoring club, if any:

0 5 0 7

Ole Virginia Hams

ANNOUNCING THE FIFTEENTH ANNUAL MANASSAS HAMFEST
An ARRL approved Hamfest

PRESENTED BY:
OLE VIRGINIA HAMS A.R.C.

MEMO

**JUNE 4, 1989
MANASSAS
HAMFEST**

AND COMPUTER SHOW

✓ TIME 8:00 AM - 4:00 PM ✓ PRIZES

✓ TAILGATING AMPLE ROOM - 25 ACRES

✓ CONCESSIONS ✓ VENDORS

✓ CHILDREN UNDER 12 FREE

Mail request for information to:
Ole Virginia Hams A.R.C., INC
P.O. Box 1255, Manassas, Virginia 22110

MEMO

DEALERS INFORMATION -

Joe (K4FPT) 703-368-8599

GENERAL INFORMATION -

Jack (KI4VP) 703-361-5255



LOCATION - Prince William County Fairgrounds
1/2 Mile South of Manassas, VA on Route 234
Talk-in on 146.37/146.97 Repeater

CALANDER FOR AUGUST AND SEPTEMBER

1 4 AMER EAGLE NET @ 1700 ON 28.340	1 5 OVH CLUB MEETING	1 6	1 7 NVFMA NET @ 2000 146.31/91	1 8 OVH NET @ 2000 146.37/97 ----- VEC EXAMS TOWSEN, MD	1 9	2 0 WOODBIDGE NET @ 2100 28.440
2 1 AMER EAGLE NET @ 1700 ON 28.340	2 2	2 3	2 4 NVFMA NET @ 2000 146.31/91	2 5 OVH NET @ 2000 146.37/97	2 6	2 7 WOODBIDGE NET @ 2100 28.440
2 8 AMER EAGLE NET @ 1700 ON 28.340	2 9	3 0	3 1 NVFMA NET @ 2000 146.31/91	1 OVH NET @ 2000 146.37/97	2	3 WOODBIDGE NET @ 2100 28.440
4 AMER EAGLE NET @ 1600 ON 28.340 -----	5 NEWSLETTER DEADLINE	6	7 NVFMA NET @ 2000 146.31/91	8 OVH NET @ 2000 146.37/97	9	1 0 WOODBIDGE NET @ 2100 28.440 ----- VEC EXAMS RICHMOND, VA SALISBURY, MD
1 1 AMER EAGLE NET @ 1600 ON 28.340 ----- GAITHERSBURG HAMFEST & VEC EXAMS	1 2	1 3	1 4 NVFMA NET @ 2000 146.31/91 ----- FAR MEETING 147.18/78	1 5 OVH NET @ 2000 146.37/97	1 6	1 7 WOODBIDGE NET @ 2100 28.440 ----- HAMFEST VA BEACH

NOTES: 1. For more information on VEC testing, contact Harry W4PVA.
 2. The Powwow net meets daily at 2100 on 28.440.