

"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-Port 1:145.030/Port 2:223.660/Port 3:223.540 MHz
BBS-BBSHRG/N4WJN (SYSOP-BILL)

THE OLE VIRGINIA TIMES

MAY 1994

WHAT'S INSIDE:

THE PREZ SAYS	1
MASTHEAD.	2
MEETING MINUTES	3
REPEATER HINTS	4
AERIALS (Part 2) — TWENTIETH HAMFEST	5
FIELD DAY RULES (Thumb Nail)	6
WELFARE TRAFFIC	7
CAPACON — YOU KNOW YOU'RE A HAM WHEN —FORK IT OVER	8
CLASSIFIEDS	9
CALENDAR OF EVENTS.	11

THE PREZ SAYS

Jim, WD4OJY

Hi All:

The Hamfest is approaching fast. The first weekend in June will be here before we know it. This is the clubs' main fund raiser and requires the help of more than just the usual active club members. This is the weekend for ALL to show their support by coming out and helping at the clubs' number one activity. We won't ask you to stay long and we'll even reward you for your time.

Come out saturday morning about 8am to help setup. We'll meet you at the Roy Rogers near the fairgrounds and buy you breakfast, ALL YOU CAN EAT, for just a few hours of your time. Maybe sunday would be better. Stay after the hamfest, the cleanup does not take long, and we'll see that you get dinner, ALL YOU CAN EAT. Whatta Deal !!!!

This will be the last club meeting before the hamfest. The hamfest planners need to know who can help and when. The more folks we get to help, the shorter the time we each will have to stay. My job requires that I work both days of the hamfest but I will still come out and help. How about YOU ??????

See you at the May meeting and 73 for now.

OLE VIRGINIA HAMS AMATEUR RADIO CLUB, Inc.

OFFICERS and COMMITTEES

<u>DIRECTORS</u>						
BOB	NR4L	703-361-7335		OFFICERS	JIM	703-369-3940
TIM	KB4NR	703-494-2737		PRESIDENT	WD4OJY	
BUTCH	W4HJL	703-369-2877		VICE PRES	KD4DFB	703-335-1029
				SECRETARY	KD4DFD	703-818-2405
				TREASURER	WA2QEJ	703-791-2932
<u>REPEATER TRUSTEE</u>						
ART	W1CRO	703-791-4330		<u>MAIL LIST</u>		
				BLAINE	KB4RKL	703-369-2877
<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	NS5N	703-330-7333
STEVE	KB4QF	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		F.A.R. REPRESENTATIVE		
				ALAN	KD4KBX	703-330-8844
<u>PROGRAM CHAIRMAN</u>				<u>NEWSLINE REPORT</u>		
JOE	AB4QV	703-369-6536		PETE	KB4RME	703-369-2436
				<u>1994 HAMFEST CHAIRMAN & CO-CHAIRMAN</u>		
				JIM	N3ODZ	703-361-2543
				JACK	N4YIC	703-355-9139
<u>REFRESHMENTS</u>						
T.B.D.				<u>GENERATORS</u>		
				TOMMY	KA4AFU	703-369-2741
<u>MEMBERSHIP CHAIRMAN</u>						
JIM	WD4OJY	703-369-3940		<u>1994 FIELD DAY CHAIRMAN & CO-CHAIRMAN</u>		
				J EDGAR	NS5N	703-330-7333
				RICK	KU3M	703-590-7350
				<u>SCHOLARSHIPS</u>		
				PETE	KB4RME	703-369-2436
				<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
				J. EDGAR	NS5N	703-330-7333
				BILL	N4WJN	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>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

May 8, 1994

OLE VIRGINIA HAMS
AMATEUR RADIO CLUB, INC.

MINUTES OF MEETING
APRIL 18, 1994

The meeting was called to order at 8:04 P.M. There were 40 members and 2 guests present for a total attendance of 42.

The Pledge of Allegiance by all members, oral roll call, and signing of the attendance list opened the meeting, which was presided over by Jim, WD4OJY, club President.

There was no program at this meeting.

COMMITTEE REPORTS

There were no reports from the Finance, Computer, Scholarship, Program, or Newsletter Committees, nor from the FAR Representative.

Jim, WA2QEJ, read the Treasurer's report. It was accepted unanimously on a motion by Butch, W4HJL, seconded by Ron, NV3S.

Jim, WA2QEJ, also gave the Technical Committee report. A new rack was purchased for the club repeater and is being readied for use.

Mike, WV3H, gave the Packet Committee report. Because Mike is moving out of the country, Jay, NS5N, has agreed to assume this committee's chair.

Harry, W4PVA, reported that the recent Park Authority bicycle races were successful, with about 50 riders participating. There were no injuries but directional assistance was needed for some of the riders. The Dogwood Half-Hundred on April 23 has a full complement of about 30 hams for communications support. HUREX 94 exercise in Prince William County on the evening of April 28, although no activities are planned for this part of the state. The MS 150 bicycle race will be held on May 14 and 15. The race is expected to pass through Prince William county on Saturday.

John, N4YOB, presented the Education Committee report. The no-code Technician class approaches its third week and is well attended. Boy Scouts from Troop 1058 will be able to earn a merit badge as well as their ticket upon successful completion.

Jay, NS5N, has taken the chair of the Field Day Committee. Permission to use the usual site at J. S. Long park in Haymarket has been granted. At least one station has been made available for use. A picnic is tentatively planned for Sunday.

Jim, N3ODZ, asked that the Hamfest Committee report be deferred until after the break.

OLD BUSINESS

Jim, WD4OJY, announced that Jim, N3ODZ, has accepted the role of Quartermaster and that a Refreshments Committee chairman is still needed.

Jim, WD4OJY, presented the Membership Committee report. The following applicants were unanimously voted members on a motion made by Steve, N4OGR, and seconded by Tim, KB4NR: Bob Lamb, KE4AJN; Bill Gavin, KE4GIF; Chuck Renner, WA8YCK.

Steve, N4OGR, reported that the hats bearing the club insignia had arrived.

NEW BUSINESS

Scott, KE4HCT, reported that the public hearing on the proposed tower installation ordinance had representation from both OVH and Woodbridge Wireless, Inc. With the efforts of Sam, WB4FGS, a waiver to the engineering inspection requirement for new towers was obtained for amateurs. Further, a joint effort from Pete, KB4RME, and an attorney who is a member of WWI, succeeded in striking language from the proposal that would have required amateurs to obtain a special use permit. The Planning Commission's recommendation will now be presented to the Board of Supervisors for approval.

Jim, WD4OJY, read a report from Newsline which stated that the FCC has interpreted section 97.205(e) of its rules to allow a control operator to limit repeater usage from individuals, even when the repeater has been coordinated as an open repeater.

Jim, WD4OJY, read an application for membership from Scott Willis, who is awaiting issuance of his call sign.

Butch, W4HJL, coordinated preliminary assignments for hamfest duties. Full duty rosters will be compiled at the May meeting.

The 50-50 drawing was won by Woody Carner, KD4DEG. The meeting was adjourned at 9:16 P.M.

Respectfully submitted,
Ivan Reeder, KD4DFD
Secretary

Repeater Hints

[Harry, W4PVA]

When you make a call on the machine, repeat the station call-sign on your first call. This is because some of the stations are listening on scanners that take a moment to lock up on the repeater. Also the scanner might be locked up on another call for the moment.

[Bear in mind too, that the repeater has about a ½ second delay before it repeats—EDITOR]

When the NCS calls for stations in a certain group during the net call-in period, say "A — H", the meaning is for stations with the call SUFFIX of "A — H" to call in. ie; if your call letter following the number is in the specified group, call in. Thanks.

AERIALS-PART 2
A REVIEW
by Harry/W4PVA

Continuing with a review of *AERIALS* by Kurt N. Sterba and Lil Paddle from a previous newsletter. The following has been gleaned from the text:

A. The ground reflection factor causes an 80 meter antenna that is mounted 70 feet above ground to have a maximum radiation straight up in the air. (I add the comment that this might be quite useful if your objective was to communicate over only short distances, but for DX you want low angle radiation and this is accomplished at 80 meters with a vertical antenna). (The text refers to low 80 meter antennas as "worm warmers").

B. The text also says that the more radials you have for vertical antenna, the better.

C. Another point made, is that one MUST take measures to prevent rain water (and I add - condensation) from entering your coax and thus deteriorating it. (Use a good sealant).

D. A point is made that the reflector element(s) of a YAGI antenna are longer than the driven element, while the director element(s) are shorter than the driven element.

E. Open wire line (also called "ladder-line") is nearly lossless and thus a high VSWR does not cause LINE LOSSES to be excessive.

F. Another point, the maximum radiation from an antenna comes from the high current portion of it-- for a dipole, this is the center of the dipole.

G. Low VSWR does not indicate good radiation from an antenna. NOTE: a dummy load has a very low VSWR and does not radiate well.

H. It is pointed out that vertical antenna have a low intrinsic resistance and that the ground resistance is often comparable to the antenna radiation resistance. In this case the antenna efficiency is determined by the ratio of the two resistances. (Tuner loss being neglected since it is usually small compared to the others). This ground resistance loss is reduced by the radials that should be used with verticals. It is noted in the text that this does not apply to elevated antennas.

I. A roof mounted vertical with sloping quarter wave radials, starts to look like a center fed half wave dipole.

J. It is pointed out that a ground mounted vertical should have its radial ON THE SURFACE of the earth and NOT be buried several inches deep.

More on this in another newsletter. Please remember that this is from the book *AERIALS* which is still in print and well worth your reading.

TWENTIETH HAMFEST
DE JIM/N3ODZ

Your help is needed — June 4th and 5th are fast approaching — the Twentieth Annual Ole Virginia Hamfest! Volunteers are needed in many of the following areas: parking, front gate, tailgate, OVH table, Commercial set-up, overnight security, and various other jobs. Please lend a hand to help make our Hamfest a huge success, call Jim—N3ODZ (361-2543), Jack—N4YIC (335-9139), or Butch—W4HJL and Mary Lou—KB4EFP (369-2877). If there is any particular place you enjoy helping out in more than another, call now and sign up. We will also have a recruiting sheet at the next OVH meeting, Monday, May 16th.

Join us for breakfast on Saturday, June 4th at 8:00 am at Roy Rogers restaurant located on 234 just prior to the fairgrounds. If we are able to recruit enough volunteers on Saturday for set-up, we hope to finish by noon. Sunday we will be starting at approximately 6:00 am and ending hopefully around 5:00 pm with dinner provided for volunteers, location to be determined at a later date. Any amount of time donated will be appreciated, shifts can be arranged. Members are also reminded to bring goodies for the Bake Sale to be held on Sunday, June 5th.

Don't delay, call today and add your name to the list of volunteers for a weekend of fun and enjoyment for all !!!

FIELD DAY RULES

(A THUMBNAIL SKETCH)

1. **Eligibility:** Yes we are.
2. **Object:** Party! Socialize! Demonstrate Amateur Radio to the public! Oh, yes, work a lot of stations in 24 hours with a few radios and antennas.
3. **Dates:** June 25 and 26, 1994. Yes, that means overnight at the park.
4. **Field Day Period:** From 1800 UTC (2:00 pm) Saturday until 2100 UTC (5:00 pm) Sunday. What we normally operate, is from 2:00 pm Saturday till 2:00 pm Sunday as we set up prior to 1800 UTC on Saturday. Because of this, we are limited to 24 hours of operation.
5. **Entry Categories:** Class A, Club portable. As of yet, we are still undecided on the total number of transmitters that will be used. If we have two or more transmitters (non-Novice) in operation, we may also run one novice station without changing our entry status.
6. **Exchange:** #A Virginia (voice), #A VA (cw)
7. **Miscellaneous Rules:**
 - A. If you are participating at the Club site, you may not work the club site with your own call for extra points/contacts.
 - B. A station that is being used under one call sign for Field Day, may not be used under another call. (family stations are exempt)
 - C. A phone and cw contacts are two separate contacts even on the same band. Voice is voice, but cw contacts include all digital modes and count as the same type of contact. You can work someone on 20 meters both voice and cw, but not cw and packet or rtty.
8. **Scoring:** Being done by Field Day coordinator.
 - A. Bonus Points: (we qualify as an A station)
 1. 100% emergency power
100 times class(100x5A=500)
 2. Public Relations:
 - A. Media coverage: there's another 100
 - B. Public location: 100 more
 - C. Visitor's log/handouts: 100 again
 3. Message Origination: Have to have Jim draft a message to the SM or SEC for 100.
 4. Message Relay: 10 points each.
 5. Satellite QSO: did that last year for a fast 100.
 6. Natural Power: 100 points if we can get Dennis to set up a station on solar for at least 5 QSOs.
 7. WIAW Message: 100 points more.
 8. Packet Radio: 100 for one contact.

9. VHF/UHF: 100 points for 10 QSOs excluding packet on 50MHz and up.

9. Reporting: I'll get it done.

10. Condition of Entry: Not a problem.

11. Disqualifications: Not a problem.

As in the past, this years Field Day effort will be one of camaraderie. Each of us looks forward to being able to get away from some of the more mundane tasks that plague us and just do some "grass roots" operating.

Field Day offers many things to many people. For the newly licensed, it provides an opportunity to see a variety of equipment and antenna styles on the air instead of in the store on a page in a book. Add to this the opportunity to operate outside of their allocated band plan and you have provided a great amount of incentive to upgrade that no amount of lecture will ever be able to do.

For those of us that have been at it a little longer, we get a great chance to see how our equipment will perform when exposed to nature's elements. It is amazing the amount of equipment that works well sitting on the table at home year after year and when it is moved to the great outdoors, the screws fall off. Not only does this provide an opportunity to test our troubleshooting skills, it can try our patience under the pressure of time constraints.

Most of all, I enjoy working on a team effort with people I talk to on the radio, but do not get to socialize with but once a month at the meetings. This is the best part. You get the opportunity to really sit down, operate, log, spot, drink coffee, and get to know one another. This is one of the reasons you probably got involved with amateur radio; to meet people and learn about them.

I look forward to Field Day every year with a growing enthusiasm as the weeks count down. I don't get overly excited like I used to about staying up all night long and working DX, but then again, it is only once a year. If I can't dedicate one evening a year to a hobby and the people that I enjoy that hobby with, then I feel I just might be in the wrong hobby. There are always reasons why we can't do it, but I won't use sitting at home as one of them.

73 es Gud DX [EDITOR]

Hold Incoming Welfare Traffic

[by Greg Pool, WH6DT]
[273 San Bernabe Drive]
[Monterey, CA 93940-6123]
[from Section Leader, May 1994 Edition]

During a disaster, we hear many Amateur Radio stations passing welfare traffic. It is the easiest traffic to pass, there is not a time limit and it is the most visible part of emergency communications.

Many times an operator will sit on a 40 or 20 meter frequency because they have everything set up for a phone patch into a specific area of the country. Sometimes operators are given free long distance accounts to place those calls. Everyone can hear the anguish in the voices over the phone, and the caller thanks the radio operator over and over for their dedication and service.

That kind of instant gratification can be intoxicating for the rest of the Amateur Radio community to the point of passing welfare traffic without considering the consequences. From my own experience in disaster communications, most welfare traffic is supportive but not necessary. In fact, holding on to that initial query will probably get you an answer faster than if you had actually sent it.

Incoming vs Outgoing

Let's divide it up. This is incoming welfare traffic where a party sends a message to a party within the disaster area, and there is outgoing where the party within the disaster sends a message to the outside.

What does it take to run an outgoing message? It takes an operator in the disaster area and anybody on the outside willing to pass it. Usually there are more than enough volunteers to help deliver it.

But incoming is much more intensive. Not only does the operator on the inside accept the traffic, they either find a runner or run it themselves. Rarely are either of these choices viable options. You cannot leave your station, the person next to you all ready has 20 things to do, and the phone lines must be left open for civilian and disaster relief agencies.

Thus, incoming welfare traffic is a luxury. The victim will get word out eventually, even originate their own outgoing message. If they are dead, they are dead; your message will not help them. If they are injured, then a disaster relief agency will attend to them; but if you are a thousand miles away, what more can you do? By sending that message, you tax the relief effort even more.

We Were Not Thinking

The Amateur Radio response to the Northridge Earthquake in Los Angeles was replete with bad habits. Many operators sent and accepted incoming welfare traffic on many of the HF nets and on packet; there were very few "outgoing-only" nets. In the San Francisco Bay Area, one Amateur Radio operator provided his phone number to a local TV station so that people could contact him to send incoming welfare traffic.

We were not thinking beyond just being on the air. We were not thinking about what it took to pass the traffic into the disaster area. We were not thinking about what passing incoming traffic took away from those truly in need.

Many of the stations accepting the incoming traffic used local phone lines to contact the disaster parties, and in the first few days the success rate was terrible. In doing so, however, it meant that someone who had emergency-or priority-related traffic could not use the phone lines because they were being tied up needlessly.

It is a matter of precedence and responsibility. The best thing you can do is not originate or accept any incoming welfare messages in the first week after the disaster. There is usually nothing the sending party can do anyway except wait or sponsor a disaster relief agency. Why tie up the network needlessly?

Instead, stand by to originate and accept outgoing messages. You will not handle as much traffic, and I may not hear (or see) your callsign as often; but you will have freed up an operator in a disaster area to become part of the solution and not part of the problem.



WHAT KASEY'S UP TO ON CACAPON

BY KASEY/KK3L

I appreciate the opportunity to inform those persons who have been inquiring about what Kasey's up to on Cacapon with this article. The Berkeley Springs repeater is still located about 10 miles south of Berkeley Springs, WV off of rt 522 on Cacapon Mountain, ground elevation of about 2600 feet. The repeater now consists of a factory built Motorola Micor solid state repeater made for the amateur band. The antenna system is a two antenna combination mount about 120 feet above ground. Both antennas are fed with 5/8" hard line. The repeater controller is on loan from Kevin, KE3BA, it's an ACC RC-96 controller complete with an agile remote base. The duplexers are Phelps-Dodge.

Last fall, with the help of KE3BA and AA3BG, we formed a night time link network called the "Target Link System", using the Berkeley Springs repeater as the hub site. The system when connected is comprised of 4 to 5 repeaters that link into Cacapon. The link is up between the hours of 10:00 pm and 7:00 am each day. This gives mobile coverage from eastern Ohio to Lancaster, PA, Harrisburg, PA to Harrisonburg, VA., and northern Virginia to Washington, D.C.

The remote base at Cacapon on the 745 repeater enables it to remotely link into any two meter repeater that can be heard at the Cacapon site. It is done by keypad entry and it will read back frequency the repeater selected. This will be very useful for emergency operations if and when needed.

We are looking at putting a six meter repeater at Cacapon if feasible. I am also presently in discussion with a group of hams in the Washington area that are interested in full time UHF link into western Maryland. This system will eventually be linked on a call up basis to a large system on the west coast. This link will be made either by a fiber optic feed or a satellite link. This is presently being used in the Washington—Baltimore area.

As anyone who has ever worked with repeaters knows it takes lots of time, effort, and support for a good and successful system. I am presently in the process of exploring the creation of a support group that would help to enhance the above mentioned systems. If anyone would be interested in more information give me a call at 301-777-1118.

You Know Your a Ham When...

[from Worldradio May 94]

- 1 The mail arrives and you read your radio magazines before you balance your bank statement.
- 2 The lawn needs mowing but you put it off to get that rare DX station.

- 3 You turn a family outing that was supposed to be a Sunday drive, into a stop at a HamFest.
- 4 You find yourself thinking "dididit dah dahdahdah didahdahdit" while waiting your turn at an intersection.
- 5 Each passing lightning storm makes you shudder to think what is happening at the home QTH.
- 6 You send out more QSL cards than greeting cards.
- 7 You use your HT more than you use the telephone.
- 8 You or someone in your family is named ELMER.
- 9 You pick up the telephone and find yourself giving your callsign to the other party, who doesn't know what your are saying.
- 10 You go to a neighborhood party and upon introduction someone says, "Oh yes, you're the house with all the antennas!"
- 11 Tubing down the local creek you send out a call as Maritime Mobile.

[submitted by Joel Slazyk, AA2PP, ARAT's Coherer, a publication of ARA of the Tonawandas, NY]

Fork It Over

If you think your last traffic ticket was painful, wait until you see what your friends at the FCC have cooked up for you. The commission's new fine schedule includes a \$625.00 penalty for any "assorted minor violations," and a \$1,250.00 fine for failure to identify your station. Unauthorized use of equipment will cost you \$5,000.00.

Running excessive power, failing to respond to an FCC communication, or operating on an unauthorized frequency will set you back \$10,000.00 under the new fine schedule. Transmitting indecent material or words will cost \$12,500.00, causing malicious interference, to another ham is set at \$17,500.00, and failing to permit an FCC station inspection carries an \$18,000.00 price tag.

If you really want to help reduce the national debt, just get caught sending out a false SOS. Illegal misuse of distress communications like that will cost \$20,000.00 for each transmission! The FCC has the authority to adjust these fines, but these are the base amounts recommended for first-time offenders.

[TNX Newline & Westlink Report, No 661, November 12, 1993]
[Submitted by Herman N3JFI from Radio Fun]

OVH CLASSIFIEDS

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).
-

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.

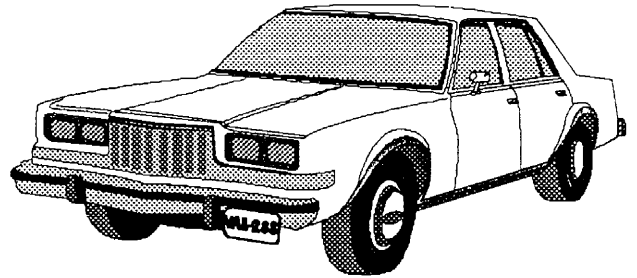
For Sale:

- 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

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 (N4IXV) @ 703-368-2732

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: Chris @ 703-369-1543

OVH CLASSIFIEDS

HELP:

Manual for Heathkit HW 101 needed or access to make a copy from yours.

Contact: Ro (WB4NWG) @ (703)594-2812

FOR SALE:

Tandy 1100FD laptop computer. 300.00
System includes:

Documentation 3.5" internal disk drive
Internal modem 1 serial/1 parallel port
Internal battery/ps/charger Deskmate software package

Tandy 1400HD laptop computer.. 600.00
System includes:

Documentation 3.5" internal disk drive
20mb internal hard drive 1 serial/1 parallel port
External disk drive port . External RGB monitor port
External keyboard port . . CM-11 RGB color monitor

Tandy DMP-132 printer. 100.00
Unit is for sale only with either laptop. Will not be sold as single unit. Includes special parallel cable for use with printer.

MFJ-1278 Multi-Mode TNC.. 250.00
System includes:
Controller Power supply
Documentation Software for MS-DOS
Printer port for fax/wefax copy

Cushcraft AOP (AmSat Oscar Package. . . . \$125.00
16 element 144 MHz, circular polarized beam, 20 element 430 MHz, circular polarized beam, 5 foot cross boom to mount both antenna.

Contact: J. Edgar (NS5N) @ (703)330-7333

For Sale: (Estate Sale)

Yaesu FT-480 HF transceiver with Yaesu FC-800

remote antenna tuner \$900.00

Yaesu FL-7000 linear amplifier, HF, 500 watts \$1500.00

Yaesu FT221 2 meter all mode transceiver, analog readout \$250.00

Yaesu FT-73R 440 MHz handheld with two heavy duty batteries and drop-in quick charger . . . \$200.00

Kenwood TS-940S \$1000.00

Icom IC-720A HF transceiver with matching AC power supply \$400.00

Alinco DJ-580T dual band handheld with extra battery pack and DC cable \$300.00

AEA PK232 MBX all mode TNC, probably with PACTOR capability. \$200.00

MFJ 949D antenna tuner \$80.00

Oskar SWR-200 SWR power meter. \$20.00

MFJ SWR analyzer model MFJ 207 \$60.00

Heath HO-5404 station monitor. \$TBA

Novex DM4901 TR dip meter \$25.00

Larsen 10 meter mag mount ant. \$30.00

Larsen dual band mag mount 2/440 \$30.00

Sony 2010 SW receiver \$250.00

Vanguard 2000B weather satellite receiver \$TBA

Micronta 22-185A digital multimeter \$35.00

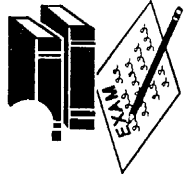
Weller soldering station. \$25.00

Contact: Andy, K4ADL
7 pm-10 pm weekdays (703)451-4021
(daytime on weekends)
weekdays (301)948-9633 ext 343



OLE VIRGINIA HAMS & AMATEUR RADIO CLUB

May 15 - June 25, 1994



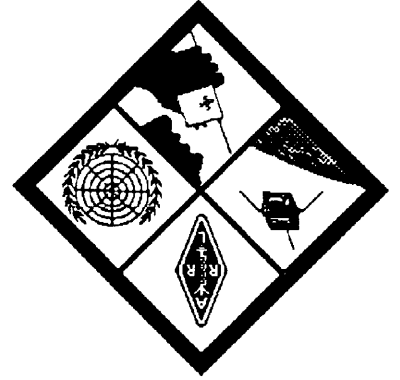
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
May 15 1300 10-10 NET (28.340) NVA ARES - AMERICAN CANCER SOCIETY WVA NOVA ARES - AS 1501 BIBLEATHON	May 16 2000 MEETING-OLE VIRGINIA HAMS WIRELESS-147.84 MHz/223.18 MHz	May 17 MEETING-SPARK	May 18 2000 NET-NVEMA-146.79 MHz 2100 NET-FARA-147.165 MHz	May 19 2000 NET-OVH-146.970 MHz/ 224.66 MHz	May 20	May 21 VEC - LAUREL, MD NOVA ARES - ALA BL...
May 22 1300 10-10 NET (28.340) VEC - HAGERSTOWN, MD NOVA ARES - ALA BL...	May 23 2000 NET-WOODBRIDGE WIRELESS-147.84 MHz/223.18 MHz	May 24	May 25 2000 NET-NVEMA-146.79 MHz 2100 NET-FARA-147.165 MHz VEC - GLEN BURNIE, MD	May 26 2000 NET-OVH-146.970 MHz/ 224.66 MHz	May 27	May 28 1000 MEETING-MOOSE ARC VEC - GLOUCESTER, VA
May 29 1300 10-10 NET (28.340)	May 30 2000 NET-WOODBRIDGE WIRELESS-147.84 MHz/223.18 MHz	May 31	June 1 2000 NET-NVEMA-146.79 MHz 2100 NET-FARA-147.165 MHz	June 2 1930 MEETING-VA BEACH ARC 2000 NET-OVH-146.970 MHz/ 224.66 MHz	June 3	June 4 VEC - VIRGINIA BEACH, VA
June 5 0700-1700 20TH MANASSAS HAMFEST 1300 10-10 NET (28.340)	June 6 2000 NET-WOODBRIDGE WIRELESS-147.84 MHz/223.18 MHz	June 7 MEETING-SPARK	June 8 2000 NET-NVEMA-146.79 MHz 2100 NET-FARA-147.165 MHz	June 9 1930 MEETING-WOODBRIDGE WIRELESS 2000 NET-OVH-146.970 MHz/ 224.66 MHz	June 10	June 11 NOVA ARES - NVA EMS DRILL (NARAL) VEC - NASHVILLE, VA VEC - HAGERSTOWN, VA VEC - MANASSAS, VA VEC - CUMBERLAND, MD VEC - HARRISONBURG, VA VEC - RICHMOND, VA
June 12 1300 10-10 NET (28.340)	June 13 2000 NET-WOODBRIDGE WIRELESS-147.84 MHz/223.18 MHz	June 14 1930 MEETING-FARA	June 15 2000 NET-NVEMA-146.79 MHz 2100 NET-FARA-147.165 MHz	June 16 2000 NET-OVH-146.970 MHz/ 224.66 MHz	June 17	June 18 HAMFEST - NASHVILLE, TN VEC - LAUREL, MD
June 19 1300 10-10 NET (28.340) NOVA ARES - NVA EMS DRILL (MANASSAS)	June 20 2000 MEETING-OLE VIRGINIA HAMS 2000 NET-WOODBRIDGE WIRELESS-147.84 MHz/223.18 MHz	June 21 MEETING-SPARK	June 22 2000 NET-NVEMA-146.79 MHz 2100 NET-FARA-147.165 MHz	June 23 2000 NET-OVH-146.970 MHz/ 224.66 MHz	June 24	June 25 1000 MEETING-MOOSE ARC NOVA ARES - FIELD DAY

PLEASE SUBMIT NEWSLETTER ITEMS TO NSSN PRIOR TO DEADLINE. TX



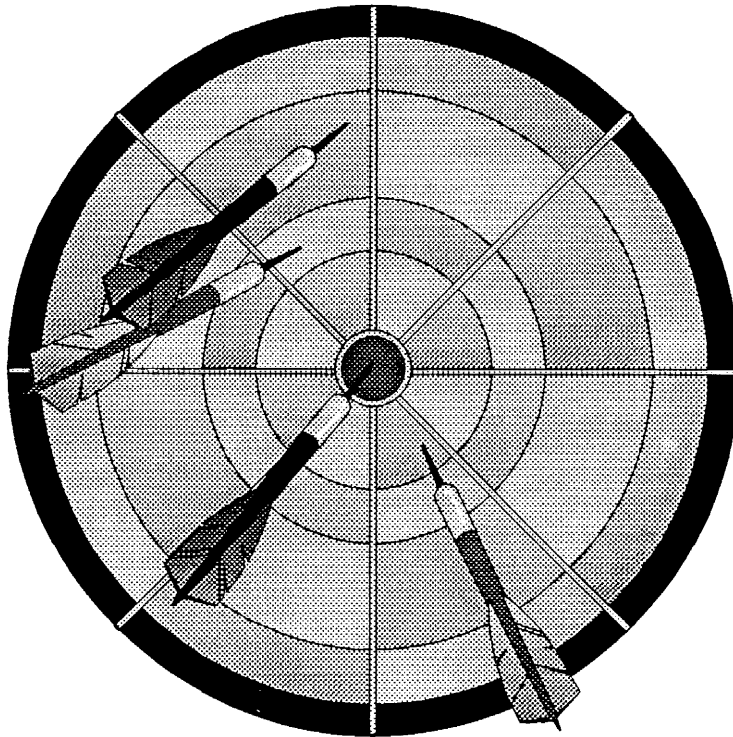
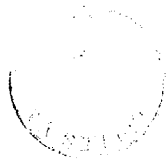
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FIRST CLASS MAIL



Ole Virginia Hams A.R.C., Inc.
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Manassas, VA 22110

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ON TIME -- ON TARGET -- MANASSAS HAMFEST 1994