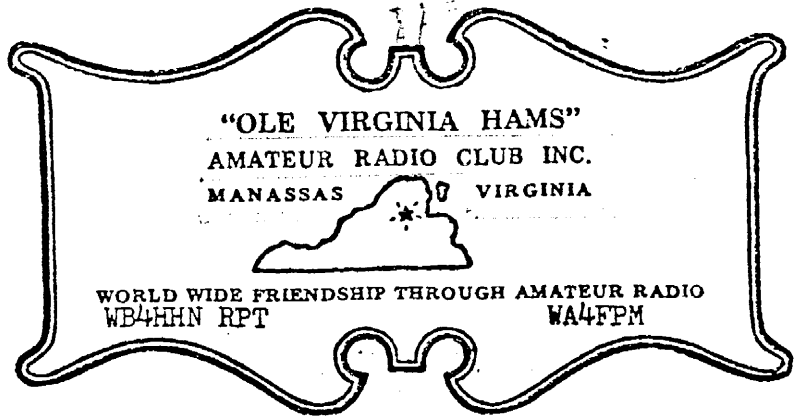


P. O. BOX 1255  
MANASSAS, VA. 22110

CLUB REPEATER  
146.37/.97  
EDITOR, Steve Meade KB4OF



"OLE VIRGINIA HAMS"  
AMATEUR RADIO CLUB INC.  
MANASSAS VIRGINIA

WORLD WIDE FRIENDSHIP THROUGH AMATEUR RADIO  
WB4HHN RPT WA4FPM

The Club meets on the SECOND MONDAY of each month at the Manassas Park Recreation Center, on Old Centreville Rd, Manassas Park, Va. Meetings start at 8:00 PM and visitors are always welcome.

The next meeting will be on Monday, October 8, 1979.

**CLUB OFFICERS:**

President Jay Watkins AC4N Secretary Steve Meade KB4OF  
Vice President Herb Plummer W4PJP Treasurer Milt Warnock N4SN



OCTOBER

THIS MONTH'S PROGRAM

The program at this month's meeting will be delivered by VEPCO representative Lee Worrell and Harry Glessner WA4CUU. The subject of the program will be POWER LINE INTERFERENCE.



Amateur Radio News Service

CROP WALK

Butch Blasdell W4HJL reports that the COMMUNITY HUNGER AND CLOTHING APPEALS OF CHURCH WORLD SERVICE has requested that the club provide communications for a Walk-A-Thon in the Manassas area. The walk will take place October 21, 1979 beginning about 2:00 PM. There will be 12 to 13 posts to be manned. This is a good opportunity to provide some public service communications. If you are interested, please contact Butch W4HJL.

NEW MEMBERS

The club welcomes two new members voted in at last month's meeting. They are: Wayne Nelms WD4MGF; and Bon C. Paganelli W4RAO. Welcome to the club!!!!

PICNIC

The club picnic held on September 16 was a great success. About 60 people enjoyed the food and the weather. As Editor of this newsletter, I would like to thank the following individuals for their work in getting everything together for the picnic: Tommy Watts KA4AFU; Curt Walker N4AYY; Janet Ahalt N4BEG; Russ Stevens WB4HHN; Butch Blasdell W4HJL; Harold Robinson N4QX; and Brenda Meade WD4RKH who was in charge.

ARRL PUBLICATIONS

Most of the ARRL publications have been received and they have been delivered to the Manassas branch of the library. There are still several books to be received and as soon as they are, they will be delivered to the library. The books already at the library will gradually be phased onto the shelves.

AUTOPATCH

The autopatch is now operational. The autopatch is provided for member's use, and only for non-business or emergency calls. Business calls are strictly prohibited. Business calls are defined by the FCC as "any communication, the purpose of which is to facilitate the regular business or commercial affairs of any party." Violation of this rule may threaten both your own autopatch privilege, and the use of the patch by the amateur community at large. The access code is for members only, please don't share it.

If the autopatch is being misused, the Control Stations for the repeater, have the authority and capability of disconnecting the call. The station will then identify itself and explain why you were disconnected, please call the Control Station that disconnected you for additional explanations. Please do not argue the issue over the repeater. And if you have to argue, do it by telephone.

If any member should hear someone abusing the autopatch, any member with a T/T pad can, and should take it upon their own to terminate that patch. Touching any numerical digit will disconnect the patch. Give your call and explain why you did it.

Hopefully, we will not have any more problems. However, the reason that the 911 number is not in service through the repeater's autopatch, is because someone, upon hearing that 911 was operational, pressed the 911 digits while someone else was talking on the repeater; and the autopatch accepted it and put through a needless call to the fire board. Acts like the one above run the risk of us losing all autopatch privileges. Think about it, everytime someone places a needless call on the 911 number, it might be keeping someone who really needs to use it from getting through.

Each member should be responsible for the proper operation of the patch, not only for themselves, but for everyone who uses it.

The talk-down problem that we have been experiencing is 90% cured. The problem with the last digit of the telephone number cancelling the patch has been worked on and is completely taken care of. If you are still having trouble accessing the patch and completing a call, get in touch with one of the control stations to see if they have a possible cure. Certain pads need to have a specific resistor value lowered in order to work properly with our autopatch. And if your pad works on our autopatch, it should work on just about any other autopatch.

CONTROL STATIONS

|              |        |              |        |
|--------------|--------|--------------|--------|
| Russ Stevens | WB4HHN | Tim Rollins  | WA4QQT |
| Jeff Noel    | K4ZKU  | Gene Marden  | AI4W   |
| Tim Wayne    | KB4NR  | Milt Warnock | N4SN   |

RED CROSS

Hank Ahalt N4AZC has indicated that the Red Cross has resolved it's reservations concerning neighbor relations, in regard to the proposed club station. Also, questions concerning liability have been straightened out; and all that stands in the way of getting started on the site of the station is the actual signing of a contract and the Red Cross getting their stuff out of the garage.

THE COMING OF WINTER?

Can winter be far off? Flocks of birds flying south are usually a good indicator that winter is rapidly approaching. The Hams in the Manassas area have their own way of knowing of the approach of Jack Frost. Our indicator is Frank Atkinson, otherwise known as K4CB who has headed for his winter home in Florida. I know many of us will be looking forward to this particular bird heading back north for the summer. Hurry back Frank!

BABIES

Harry Glessner WA4CUU has been twice blessed with the birth of identical twin daughters on September 27. Both daughters and their mother are doing well. Congratulations Harry!!!!

CHANGES AND ADDITIONS

|                   |        |  |          |
|-------------------|--------|--|----------|
| Nelms, Wayne      | WD4MGF | 113 Drury Circle, Sterling, VA 22170   | 430-2690 |
| Paganelli, Bon C. | W4RAO  | 7944 Harwood Pl. Springfield, VA 22152 | 451-4664 |
| Ellston, Carl J.  | WD4ACI | 1521 DeAnza, Barstow, CA 92311         | x        |

DECODING JAPANESE SEMICONDUCTORS submitted by Andy Gibson W4NSU

All transistors manufactured in Japan are registered with the EIAJ (Electronic Industries Association of Japan) under 2S numbers. Each Japanese manufacturer produces the transistor numbers for which it holds the registration. Transistors and thyristors are given their type numbers in accordance with the system established by the Japan Industrial Standard (JIS-C-7012 Designation System for Discrete Semiconductor Devices). The type number on each transistor consists of 5 elements as shown in Table I.

Element I: Designates the kind of device. The number indicates the number of effective electrical connections minus one.

Element II: It always bears the letter "S". This means a semiconductor registered with the EIAJ.

Element III: Designates polarity and application. See Table II.

Element IV: Figures designate the order of application for registration with the EIAJ. They start from 11.

Element V: Suffixes indicate the sequence of improvement: A, B, C, D, E, and F. An improved device is useable in place of preceding ones, but not necessarily vice versa.

In some cases, especially on the small transistors, the "2S" may be dropped: as an example; "C829" appears on the transistor instead of "2SC829".

TABLE I

|         |        |        |        |        |        |
|---------|--------|--------|--------|--------|--------|
| Element | I      | II     | III    | IV     | V      |
| Example | 2      | S      | C      | 828    | A      |
|         | Figure | Letter | Letter | Figure | Letter |

TABLE II

|               |                                 |
|---------------|---------------------------------|
| <u>Letter</u> | <u>Polarity and Application</u> |
| A             | PNP Transistor, High Frequency  |
| B             | PNP Transistor, Low Frequency   |
| C             | NPN Transistor, High Frequency  |
| D             | NPN Transistor, Low Frequency   |
| E             | P-gate Thyristor                |
| G             | N-gate Thyristor                |
| H             | N-base Unijunction Transistor   |
| J             | P-channel FET                   |
| K             | N-channel FET                   |
| M             | Bi-directional Triode Thyristor |

FILTERS

Dick Miller WD4AZG obtained a transverter for 2 meters for his FT-901 DM. After hooking up the rig, he found he had severe interference on TV channel 7, but only on his own TV's. Dick found a B & W #373-2 filter for 2 meters. The outside of the thing looks like cardboard but the filter definitely works. Dick is also looking into the B & W #373-6 for 6 meters. The price range on the filters is \$40.00. If you need a good filter, you might keep these in mind.

RETURN TO:  
OLE VIRGINIA HAMS A.R.C.  
P.O. BOX 1255  
MANASSAS, VA 22110

TO:

