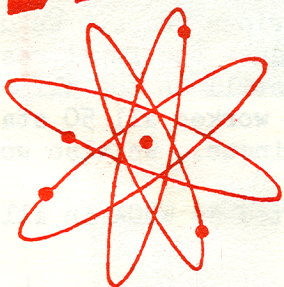


W4CA LOG



*Amateur Radio News in
The Roanoke Valley*

**W4CA LOG
P.O. Box 2002
ROANOKE, VA.**



FOR PEACE

Van Wimmer
Route 4, Box 423 F
Salem, Va. 24153

RETURN REQUESTED

W4CA LOG
P.O. Box 2002
ROANOKE, VA.

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Roanoke Valley Amateur Radio Club, Inc.

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The final Field Day results are in now and below you will find a chart that compares this year with previous years. We don't know yet just what place we took in the contest because the final results haven't been printed in QST yet. Our total score is still on the climb upward a little each year. Lets keep it going that way. We worked all 50 states a minimum of three times and worked all the Canadian Provinces. We also worked 10 different foreign countries.

On the chart below we operated as W4CA in all the years but 1961 when we operated as K4IKF

Year	Class	No. Contacts	Points	Standing In Class	4th Call Area
1961	4A	389	3090	65	10
1962	5A	758	4308	39	5
1963	5A	1199	6117	20	1
1964	5A	1399	8868	5	2
1965	5A	1204	7575	10	1
1966	5A	1271	8363	10	2
1967	5A	1503	9743	--	--

K4RTL - Bob Little who is in charge of the Photo Lab or the Medical Illustration Service at the VA Hospital has received a promotion and is being transferred to the VA Hospital in Indianapolis, Ind.

K4HVO - William Dail (Frank Dawson's Son-In-Law) moved to Lynchburg this past weekend. William was an instructor at Va. Western Community College. He will still be with the Community College system in Lynchburg. Incidentally William is receiving his Masters Degree in Education from Radford College this month. Congratulations William.

NOTICE *NOTICE*

Notice - Due to the increase in the ARRL membership & subscription rates at our next meeting August 12 we'll decide what to do to accommodate this increase. If we decide to increase club dues a change in the by-laws will be necessary. We will vote on what to do at this meeting and will also have a confirming vote on the August 26th meeting.

This will be an important meeting. A change in By-laws would effect everyy-one. Be present at this meeting. Express your opinion on the subject. Most important, be there so you can vote.

A Picnic is planned for Sunday August 20th at Wasena Park. We will try to reserve a table near the childrens play area. The picnic will be Pot Luck, everybody bring your on. The club will furnish watermelon and soft drinks. In past years a group has always got together and played ball so don't forget your gloves if you plan to play this year.

Tom Lamons - W4BLJ is making plans to start a novice code and Theory class sometime in September. If you know anyone that is interested please have them contact Tom at 774-7726 or they can write him at 5629 Brahma Road, SW Roanoke, Va.

Pictures From Nimbus II

In case you haven't been watching any TV lately WDBJ now uses pictures from the Weather Satellite Nimbus II on it 6.25 Atlantic Weather show. These pictures cover from the northern tip South America to the Hudson Bay in Canada. The satellite makes two usable passes a day where it come within range of WDBJ's receivers. Signals are received from the satellite for 16 minutes on each pass which allows time to make about four pictures. Each picture requires 3 minutes and 10 seconds to receive.

Signals are received in FM on 136.95 MHz. A Link receiver is used. The signals are then feed to a tape recorder. The tape is later played back and the signals are feed into a scope where the pictures are printed on Polaroid film.

The reason for recording the signals is because someone has to be up on the roof cranking the antenna by hand tracking the satellite.

The antenna used is a Helical Antenna designed and built by Ben Givaudan - W4GJY. The antenna is 14 feet 8 inches long with a 65 square inch reflector. It rotates both vertically and horizontally but must be cranked by hand. It can easily be seen on the roof of the WDBJ building anytime you are driving by.

Al Dyson - W4PDL developed and built the system. Al and Ben are both operating the system now. They hope to have some real interesting photos to next time a hurricane starts.

You will probley never see the weather pictures used on the late news shows because the ones made during the day are old by then and the satellite transmits infrared signals at night which they are not set up to receive.

Ben has offered to bring the tape recorder and scope over to the club house and make some pictures for a future program.

Congratulation go out to both Al and Ben on a job well done.

ARRL BULLETIN NR 123 Among the many operating aids available without charge from ARRL are the following, all designed to aid your operating effectiveness: Pointers for Good Operating, WAS map and card record, phonetic alphabet, ending signals, RST system, DX code, contest QSO record, safety code and supplement, QN signal for C.W. net operation, GMT time conversion card, amateur message form card, and station ready reference information aid. Any or all of these are available without charge from the ARRL Communications Dept. 225 Main Street Newington, Connecticut 06111

ARRL BULLETIN NR 117 FCC has added another nine questions to its study material for the Novice license. The questions with answers prepared by the ARRL headquarters staff will appear in future copies of the license manual and in the July issue of QST. In addition, preprints are available and will be sent by ARRL upon receipt of a self addressed stamped envelope.

ARRL BULLETIN NR 116 The United States has concluded reciprocal operating agreements with Norway, Honduras, and Switzerland. Amateurs of one country visiting or residing in the other may obtain permission to operate their own amateur station there. These countries, with Trinidad, are in addition to the list appearing on page 86 of the June QST.

OPERATING HABITS From The Florida Skip

Being properly licensed to operate a "ham" station, having a clean signal and remaining within the confines of prescribed frequency boundaries as set forth by the FCC is not always sufficient to make you completely "legal" with regard to Federal Laws.

The improper use of call signs by even the most "seasoned" operator is startling to say the least.

Phonetics are legal....only if used correctly. They are unnecessary for the most part and should be used only in instances where readability is a problem. The prescribed manner is to give the other stations call sign first and your call last.e.g., K7AAD, this is W8HHS calling....or, K7AAD this is W8HHS standing by. Under difficult conditions it is acceptable to say, "W8HHS, this is K7..Able Able..Dog, K7AAD calling and standing by. It is not only foolish to phonetically spell out the other fellows callletters...it is unnecessary. After all he knows what HIS call sign is. If phonetics must be used, your call sign must be given as K7AAD just prior to standing by. Your call must be the last used following any transmission. It is illegal to put you call sign first and the other station last.

Another highly illegal, but frequently practiced "boo-boo" is carried out by the "cutie-pie" operator. He can be heard to say, using his call sign, as he stands by, "W8HHS, this is K7 A-A and a D." He might be heard saying this: "W8HHS, here is K7 Awfully Awfully Delighted" or some such childish thing. It is ILLEGAL as well as being characteristic of "lidism". There seem to be guys who lay awake nights thinking up silly phonetics for the call sign of fellow hams. This sort of thing is OK for club "smoker" or ham picnic maybe, but has no place on the air.

Call signs must be used in their entirety too. Not "8HHS this is K7AAD".

In qualifying for a ham license, knowledge of proper call sign procedures must be proven. Why then do these violations continue? Amateur radio is a serious pastime. The same skill and effort used in propagating a DX signal should be exercised in maintaining good operating habits. Fun and games have no place on the air if you consider yourself a serious amateur operator.

Smut and vulgarity have their place too....but not on the air. A little serious effort to clean up our operating habits will keep all legal.

UTILITY OFFICIAL FOOD SIGN

THE... AND... IN THE... AT... OF THIS YEAR, THERE... COMPARED... TO THEIR FAMILIES... 12,07%... VIA... THIS... YOU... (3)

WIDDERS NEWS

by

EUNICE EVANS

The Widders held their regular meeting on July 21st. with five members present. We welcome a new member Connie Wagner.

The Luau scheduled for July was cancelled, but we are planning on having it Friday, August 18th at the club house. Hope to see all the widders there.

Our congratulations to Van and Rose Wimmer on the birth of their second son, he was born at 10:20 AM Saturday, July 22, 1967 at Lewis Gale Hospital. He weighed 6 lbs and 12 oz. Rose presented Van with this baby on his birthday..."What a birthday present". There is only 8 minutes difference between times of birth of Van and the baby, of course a few years happened between them.

Connie Wagner, Eva Wagner and Nancy Davis took a trip to the beach for four days. Seems that the Virginia Beach sun burns quicker than it does here, but all returned safely.

Don't forget the Luau, August 18th, I'll see you there.

Eunice.

Clubs.....by.....Jim Evans.

Experience must mean a little, as Vic Clark, our new Division director has requested some information on planning "Hamfests" and we have sent this information to him. Just this week Bill Johnson W4NLC called with a message from Vic thanking me for the help and telling me that the information was sent to Greenville S.C. We hope we did help them some.

Clubs, necessarily exist, only if the membership works a little to keep it going. Our club will hold its election of officers this month, and I hope that some of the members who have not held office before will be nominated and elected this year. We need to keep new men coming along and working to keep the club going. We have a fine place to meet now, and will slowly build it up better, so try to attend meetings, make suggestions, and lend a hand to the workers so that we can continue to have a fine club we can be proud of.

Jim K4RDT

HAM GEAR MARKET PLACE

UNUSUAL BARGAINS

Wanted To Buy '8mm movie camra and or projector. Call Paul Wantzelius 774-2275

Free SB-10 with the purchase of Apache TX-1. Apache = \$149.95
Contact Bryant Walker - K4DYW Phone 389 - 4403

For Sale Complete Mobile unit. Dynamotor, Whip Ant. Converter & transmitter.
\$50.00 Contact Ralph Dickerson - K4IAU at DU 9-5143

For Sale Elmac - AF67 Transmitter AM-CW-FM 80-6 meters. Contact Stan - K4IKF
3627 Cedar Lane SW Roanoke, Va. Phone 774-3235

For Sale Johnson Viking with desk, 2kw PEP Amplifier. Also Viking Ranger I
RF Distortion Indicator, Panoramic Adapter US Navy RBU-2,
Contact Glen Richie-W4JGO at DU 9-3356

For Sale DX-100, Hallicrafters SX-71 receiver. Contact Bob Little - K4RTL
Also a box full of goodies. Am moving to Indianapolis, Ind.
607 Diamond Road, Salem, Va. Phone DU 9-6523

FOR SALE Hallicrafters SX-111 Receiver. DX-40 Transmitter= \$40.00 Tri-Band Beam
Covers 10-15-20 = \$20.00 Contact: Fred H. Webb - W4BXS
(2003 Meadowbrook Road, N.W. Roanoke, Va. Phone EM-6-6133)

LO FREQU. OF V.F., THE SIX METER BAND

IN SPIRIT OF WHAT HAS BEEN SAID ABOUT THE SIX METER BAND BEING
MAY, THERE HAVE BEEN A GOOD MANY OPENINGS. THE SUN SPOT CYCLE
IS IN THE UPSWING AND SHOULD REACH THE MAXIMUM IN 1958-1959.
DURING THE PAST SEVERAL WEEKS THERE HAVE BEEN OPENINGS MOST
OF THE EASTERN U.S. AND EASTERN CANADA, A STATION IN BERMUDA,
IN THE SOUTH, GEORGIA, FLORIDA, AND AROUND THE GULF COAST.
TERRIFICALLY THE MISSISSIPPI RIVER UP INTO THE NORTH CENTRAL STATES
AND INTO CALIFORNIA, DURING THESE BAND OPENINGS. CALIFORNIA
STATION W4BXS AND STATION W4BXS. THE USE OF
THE BAND WILL INCREASE FOR SEVERAL YEARS NOW. THE FIRST
OF THE BAND WILL BE CROWDED WITH USE STATIONS.
IF YOU WANT TO LOOK FOR A USE SIGNAL ON THE SIX
METER BAND, REMEMBER USING ADVANCED MODULATION(CW) CAN BE
HEARD AT FIFTY TO 100 WATTS. THERE IS LITTLE SPURIAL(CW)
MODULATION NEEDED. HIGH POWER IS NOT NECESSARY ON THIS BAND
IF A GOOD NET IS A NET. A LOCAL NET, THE WIND BAG NET, IS
HELD EVERY TUESDAY EVENING AT 20:30 EST AT 20:30 EST
DURING BAND OPENINGS. THIS NET HAS BEEN OPERATING SINCE
MAY 1950, AND THERE ARE A FEW CLUB MEMBERS THAT ATTEND NET
REGULARLY. PLEASE TO JOIN US IN THE NEAR FUTURE. YOU
MAY WANT TO TUNE TO THE NET FREQUENCY. WE TUNE THE BAND. 3400K