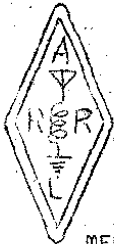


# PACK RATS' CHEESE BITS



MT. AIRY V.H.F. RADIO CLUB, INC., PHILA., PA.

(50.2, 145.2, 221.4, 432.3, & 1296.4 MC.)

CLUB CALL: W3CCX

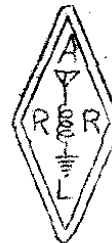
AFFILIATED CLUB: AMERICAN RADIO RELAY LEAGUE

EDITOR: HELEN BRICK, XYL, W3SAD

MEMBER: AMATEUR RADIO NEWS SERVICE

MEMBER CLUB: DELAWARE VALLEY COUNCIL OF AMATEUR RADIO CLUBS

MEETING NOTICES: LAST PAGE



VOLUME VIII

OCTBER 1965

NUMBER 7

## OUR PREZ SEZ



The ball is rolling for January. Chairman, W3MFY, is securing the groundwork for the contest. You will be informed shortly as to what group you will belong and who will be your coordinator. It is very important that you fill out your questionnaire promptly and fully and return to your coordinator without delay.

The grab bags sold by the club are exceptional values and should be snapped up as quickly as possible. We plan to have lots of bags throughout the year and they will have different contents, so don't miss the boat when the opportunity presents itself.

Not too much good weather remains for doing antenna work. I hope that everyone listens to our nets and notes when someone requests help. The more help, the quicker the job is done. Give the other fellow a hand, you never know when you will need help yourself.

Plans have been almost completed for a tremendous Ladies' Night. Tell the XYL now that her big night will be in April. Good food, dancing to an excellent band, awards, door prizes, etc.. All in all, a big night for the Rats to squeak.

Don't forget that I have a good file of Sam's schematics for TV and other equipment that you may borrow. Let me know what you are after.

Look inside for another first for the Mt. Airy VHF Radio Club.

73,

Doc, K3GAS

\*\*\*\*\*

LADIES' NIGHT

APRIL 23, 1966

BUCK HOTEL

FEASTERVILLE, PA.

"PACK RATS" CHEESE BITS IS A PUBLICATION OF THE MT. AIRY V.H.F. RADIO CLUB, INC., PHILADELPHIA, PA., AND IS PUBLISHED MONTHLY.

10¢ a copy \$1.00 a year

WE OPERATE ON AN EXCHANGE BASIS WITH OTHER PUBLICATIONS AND ANYTHING THAT IS PRINTED IN "CHEESE BITS" MAY BE REPRINTED, UNLESS SO STATED, AS LONG AS PROPER CREDIT IS GIVEN.

DEADLINE FOR ARTICLES: 20th of the month.

ALL INFORMATION SHOULD BE SENT TO THE EDITOR: HELEN BRICK, XYL, W3SAO  
821 W. Lindley Avenue,  
Phila., Pa. 19141  
215- DA. 4-7524

TRUSTEE OF CLUB CALL: W3CCX  
W3SAO, FRANCIS BRICK  
821 W. Lindley Avenue,  
Phila., Pa. 19141  
215- DA. 4-7524

PUBLISHER & SUBSCRIPTION MANAGER:  
K3GAS, DOC CUTLER  
7815 New Second Street,  
Phila., Pa. 19117  
215- ME. 5-1078

AWARDS CHAIRMAN:  
W2EIF, JOSEPH KILGORE  
#5 Sunnybrook Court,  
Stratford, N.J. 08084

DIRECTORS' MEETINGS: are held on the second Wednesday of each month at designated locations.

MONDAY NIGHT NETS:  
7:30 P.M. - 145.2  
8:30 P.M. - 50.2  
9:30 P.M. - 221.4  
10:30 P.M. - 432.3

OFFICERS: 1965 - 1966

PRESIDENT: K3GAS, DOC CUTLER  
VICE-PRES. W2EIF, JOSEPH KILGORE  
COR. SEC.: W3SAO, FRANCIS BRICK  
REC. SEC.: K3OBY, JAMES BOWMAN  
TREASURER: W3MVF, DAVID BLOCH

DIRECTORS: W3LHF, DAVID ZIMMERMAN  
W2AXU, JOHN POWER  
W3ELI, GEORGE VAN DYKE, JR.  
K3HGS, CHARLES LUSTICK  
K3CIV, RALPH HERSH  
(EX-OFFICIO)

\*\*\*\*\*

OCTOBER BIRTHDAYS

W3HIX, John; W3KXH, Jim; W3FTU, Tom;  
WA2JNA, Jim; K2HWZ; W3ZTL, Myles;  
W3SAO, Frankie; K3GAS, Doc; and any  
we do not have.

Congratulations, and may God grant you life to have many more.

\*\*\*\*\*

PHILA. CO. AREC

REGULAR MEETINGS: First Wednesday of each month at 8:00 P.M.

PLANNING MEETINGS: Last Wednesday of each month at 8:00 P.M.

For locations contact the EC,  
K3FYS, Mollie Silverstein,  
215- LI. 8-4885

Your EC visited Florida, on a second honeymoon, and received some valuable emergency literature from W4IYT, Andy Clark, SEC for E. Fl.

The regular meeting for October will be held on Wednesday, October 13 due to the Holidays at the same location of the September 1st meeting.

A new meeting place is being negotiated and will be announced as soon as the details are worked out. Meantime, the TELEPHONE ALERTING SYSTEM will be used for future meetings and events.

The coming SET will be conducted on the weekend of October 9 - 10. All members are requested to send a message to the SEC, W3ELI, George Van Dyke, Jr. and to check into one of the nets for point credit.

Due to the deaths of the Mother and Father of WA3BJQ, Gracie, XYL of W3ELI, no planning meeting was held in Sept. We, the members of Phila. Co. AREC pass along our heartfelt sympathy.

73, K3FYS, Mollie, EC.

\*\*\*\*\*

UNITED NATIONS WEEK

OCTOBER 25 to 30

Once again the Delaware Valley Council of Amateur Radio Clubs will set up station K3UN in Gimbel's Cheltenham Store, Ogontz and Cheltenham Avenues.

\*\*\*\*\*

ARRL BULLETINS

NR 23, SEPT 2, 1965

The United States has signed two more reciprocal operating agreements, with Peru effective August 11 and with Sierra Leone effective August 16, amateurs of either country visiting in the U.S. may obtain permission to operate their own amateur stations here, and vice versa. The United States now has reciprocal agreements with Australia, Belgium, Bolivia, Canada, Costa Rica, the Dominican Republic, Ecuador, Luxembourg, Peru, Portugal and Sierra Leone.

NR. 24, SEPT. 9, 1965

Attention DXers. Announcement is hereby made of a change in the ARRL Countries List regarding DXCC credits for contacts with stations located in Singapore. This change will be as follows. Contacts made with stations located in Singapore before Sept. 16, 1963 and after Aug. 8, 1965 will be credited as Singapore. Contacts made with stations located in Singapore Sept. 16, 1963 to Aug. 8, 1965, inclusive, will be credited as West Malaysia. This change will remove Singapore from the deleted countries. Honor Roll totals will be adjusted in accordance with this change in the November issue. This change is neither an addition nor a deletion. Confirmations for Singapore credit may be submitted at any time.

ARRL BULLETINS (Cont'd)

NR 25, SEPT. 16, 1965

The United States has entered into a temporary agreement with the International Telecommunications Union in Geneva, Switzerland, permitting the handling of third party communications between amateur station 4U1TU and amateurs in the U.S. during the period September 1, 1965 through February 28, 1966. The messages must be relatively unimportant personal communications, involving no pecuniary interest.

NR. 26, SEPT. 23, 1965

The 32nd ARRL Sweepstakes will take place the middle weekends of November with full rules soon to appear in November QST. Phone, November 13 and 14, and c.w., November 20 and 21, will be held on separate weekends with 24 out of 30 hours permitted. The exchange of information will follow that used last year. Newly designed log forms and Operating Aid Nr. 6 to avoid duplicating QSOs are now available without charge from the ARRL Communications Department.

\*\*\*\*\*

ANOTHER FIRST

At the last Directors' Meeting, Grandpop Bill, in a burst of brilliance, made a sound and thought provoking suggestion.

With new regulations and changes in the bands, almost a reality, Bill said that it was high time that we all took a good, hard look into the future. What is in store for the VHFer? The good activity cycle is approaching and we should be ready. Everyone knows what a rat-race takes place when the band opens. Everyone also knows what happens when this same band shuts down. Activity also shuts down. What can be done to avoid this situation? Mt. Airy has already established a link with the UHF spectrum by its use of 220 mc. What lies ahead? We are, therefore, establishing a committee to be called the FUTURISTIC COMMITTEE. Everyone is a member and what thoughts you may have as to what direction we should go, will be most welcome. Once we have established a plan, we will proceed to open new vistas on the VHF and UHF horizons. We, at Mt. Airy, have the brains and the know-how to accomplish any end we set our minds to. Please give this matter your serious consideration and see what you can come up with in the near future because your destiny as an amateur DOES, indeed, lie in the NEAR FUTURE!

73, K3GAS, Doc

\*\*\*\*\*

ARRL ELECTION FOR THE ATLANTIC DIVISION

DIRECTOR: W3YA, GILBERT CROSSLEY                      W3ELI, GEORGE VAN DYKE, JR.

VICE-DIRECTOR: W3ECP, E.S. VAN DEUSEN              W3ZRQ, ALLEN BREINER

As far as we know these are the only candidates. All of them are well known for their services both to the amateur and public relations. Make your own choice.

\*\*\*\*\*

COMING EVENTS

- OCTOBER 17              PENN JERSEY VHF RADIO CLUB AUCTION (See enclosed flyer for details)
- OCTOBER 23              PENN WIRELESS ASSOCIATION (FORMERLY: BUCKS COUNTY ARC)  
FIRST ANNUAL BANQUET AT THE FEISTA (Route 13, Eddington, Pa.)  
COCKTAILS at 6:30 DINNER at 7:00 P.M. (Roast Beef or Lobster tail)  
SPEAKER: MERRILL BEAM, K2BX  
DANCING, FLOOR SHOW AND DOOR PRIZES.  
PRICE: \$5.00 per person.  
for tickets write: PENN WIRELESS ASSOCIATION, P.O. BOX 311  
BRISTOL, PA. 19007
- NOVEMBER 23              PHIL-MONT MOBILE RADIO CLUB BANQUET  
LLANARCH COUNTRY CLUB  
7:30 P.M. DANCING, DOOR PRIZES  
PRICE: \$7.50 per person- PRIME ROAST BEEF or LOBSTER TAIL  
PRIZES INCLUDES NEW UTICA 650, COMPLETE  
For tickets; W3SPD, Al Lewis  
7616 City Line Avenue,  
Phila., Pa. 19151  
GR. 7-6900 (Office)  
789-0114 (Home)

SWAP & SHOPPE

Conducted by; W3ZRR, RAYMOND WHITEHEAD  
4534 N. Smedley Street,  
Phila., Pa. 19140  
215- DA. 4-5910

FOR SALE: 1 HB, 6 meter Xmtr  
6146 final, 2 - 6L6 modula-  
tor tubes, with power supply  
\$75.00

Globe model V 10 VFO  
6 to 160 meters \$35.00

CONTACT: GERGE COLLINS  
122 Janeway Avenue, R.O. 2,  
Moorestown, N.J.  
1-609- HA. 1-2613

FOR SALE: Viking Challenger Xmtr  
\$100.00  
Hallicrafter HA-1 Keyer  
\$50.00  
National NC-190 Rcvr & Spkr.  
\$150.00  
National NCX-3 WPS  
\$300.00  
Collins KW4-2 WPS  
\$850.00  
Gonset G-76 WPS \$250.00

CONTACT: W3WNC, H. N. HECHT  
2242 Cambridge Road,  
Broomall, Pa.  
EL. 6-0831

\*\*\*\*\*

EDITOR'S CORNER

I apologize to all for the size of  
this issue. It is not for lack of  
material. The typewriter needs to be  
overhauled.

Did you ever try to cut stencils with  
swollen rollers? If not, this is what  
happens. You must turn the platen  
with one hand while pulling the sten-  
cil with the other. If you do not  
grab the stencil in the middle it rolls  
crooked. If you spot a misspelled  
word a few lines back, as in the first  
line of this article, and you go back  
to correct it, the stencil wrinkles  
all up. So what do you do? You leave  
them spelled wrong. When trying to  
smooth out the stencil you usually  
tear it.

Another thing that happens when you  
go back to correct a word is; in re-  
turning to the original line where  
you stopped to go back, the end of  
the stencil folds under for some rea-  
son, and you find that you have typed  
through two sections. One reads the  
right way and the other takes a mirror  
to read.

After ruining a couple of stencils,  
I quit.

So, I again apologize to all who sent  
in material. I will print it next  
month.

I Also apologize to our faithful  
readers.

I printed only what is necessary.

MEETING DATES

1965

DIRECTORS	GENERAL
Oct. 13	28
Nov. 10	17
Dec. 8	15

1966

Jan. 12	19
Feb. 9	16
March 9	16
April 13	20
May 11	18
June 8	15

\*\*\*\*\*  
GENERAL MEETINGS are held, when pos-  
sible, on the third Wednesday of each  
month at the West Oak Lane Jewish  
Community Center, Sedgwick & Thouron  
Streets, Mt. Airy, Phila., Pa. at  
8:00 P.M.

\*\*\*\*\*

MEETING NOTICES

OCTOBER 13 DIRECTORS MEETING

The Directors Meeting will  
be held at the QTH of  
K3GAS, Doc Cutler, 7815  
New Second Street, Phila.,  
Pa. (Elkins Park) at 8:00  
P.M.

If you are unable to at-  
tend, PLEASE CALL.

All Past-Presidents are  
invited to attend all  
Directors Meetings.

OCTOBER 13 PHILA. CO. AREC MEETING

PLEASE NOTE change of date.

OCTOBER 20 GENERAL MEETING

The General meeting will  
on Wednesday evening,  
October 20 at 8:00 P.M.

The speakers will be:  
W3MFY, Press Funk and  
WA3CAG, Dave Funk.

TOPIC: TELETYPE

OCTOBER 27 PHILA. CO. AREC PLANNING MEETING.

\*\*\*\*\*

CHANGE OF ADDRESS:

WA2JWA, JIM THEISS  
70 Carlton Avenue,  
Trenton, N.J. 08018

NEW MEMBER

K3VEQ, JOE (Sorry, but that is all  
the information given  
(S) to me.)

\*\*\*\*\*

DID YOU KNOW

That K3WCK, Don, also has the cll  
W3BEL, in Greentown, Pike County, Pa.?  
That W3BQU is the Grandpop to 8 more?  
Collie pups, that is. Hi, Ham.

That K3FYS, Mollie, the EC, and her  
DM celebrated their 27th Wedding Anni-  
versary on Sept. 11, the same day on  
which her son's marriage was solemn-  
ized? Congratulations.



(NEW SLOGAN)

AN EXTRA SIX IN SIXTY-SIX

Well fellers, don't get scared, that is just yet. Don't think that this means that we are going to try for six million or any such outlandish figure!

CONTEST SPECIAL

ECONOMICAL SCREEN MODULATOR, By W3MFY

Well fellers, here it is, just in time for the January Shindig. This little gem using only 2 tubes and a minimum of parts, none of them being special or very critical, will give you more than enough modulation for the 5894 or the 829 B transmitter.

As the availability of the RCA FM transmitter strip, for the low price of \$8.00 (via Carl, K3DLS) being the best way to get on 220 MC., or 432 MC., we will concentrate on this.

All the resistors, unless otherwise noted, are half watt. All the condensers, unless otherwise noted, are 600 volt. Values are not too critical and may be within ten percent. This unit performed very well for me on the 5894 rig and there should be no problems with it for you. My method of connecting and tuning is as follows;

On the RCA unit remove resistor 2R32 from pin 3 of the 5894 tube but leave the by-pass condenser. In the circuit. Connect lead from R-1, the screen output of the modulator, to pin3 of the 5894 tube. This is the only change in the transmitter circuit. Connect lead from the R-2 terminal to the 500 volt supply that you are going to use on the final of the RCA rig and you are all set to tune up.

To adjust the modulator, adjust R-2 to read 250 volts from 6L6 plate to cathode. Then with normal grid drive applied to the 5894 final, adjust R-1 for approximately 100 volts on the screen of the 5894 tube. Load the final up the same way as usual and you are ready to go on the air. The 1 meg. pot in the triode section of the 6U8 tube can be adjusted for audio gain for the particular mike that you will use.

No excuse now about not getting on the 220 and 432 bands.

Your Contest Chairman,  
Press

\*\*\*\*\*

Late Swap Shop-

Receiver NC300      Price, a special \$100.00  
Contact K3GAS

\*\*\*\*\*

My thanks to K3IUV for finding the oscillation in my 432 Handbook converter. It works very well and would be a good asset in any shack. Now I can go ahead on converting the 432 transmitter bought by many of us from the surplus market. I only hope it can be accomplished by January.

K3GAS      DOC

PACK RATS' CONTEST COMMITTEE & COORDINATOR GROUPS

W3MFY - CHAIRMAN  
 W2EIF  
 W3CL

K3GAS  
 W3LHF

\*\*\*\*\*

( ) Coordinator \* Assistant

(W3QAD) WATER RATS

\*K3IPM  
 W2AXU  
 W2LZA  
 - K2QDS  
 K3BGT/2  
 - W2SXO  
 WA2QCC  
 WA2JNA

(W3CAG) NORWAY RATS

\*K3PXT  
 W3MFY  
 W3HAB  
 K3HWZ  
 K3ZVD  
 K3BHK  
 ↓ K3RIT  
 K3AFT

(W3OHY) COTTON RATS

\*W3MXW  
 W3FTU  
 W3GLI  
 K3LOM  
 W3RZU  
 W3CFS

((K3ABK) HOME RATS

\*K3DLS  
 W3AJF  
 W3HYD  
 K3BRJ  
 - K3LBT  
 W3ZRR

(K3ZPN) BLACK RATS

\*K3WCK  
 K3WGG  
 K3KTY  
 W3JSD

(W3HFY) FINK RATS

\*K3WEU  
 K3RCV  
 W3OR  
 W3BVR  
 K3YPL

(K3NMM) WHITE RATS

\*K3ZPQ  
 - W3BYB  
 K3EMA  
 W3BQU)  
 - W3BAH)  
 W3CL  
 W3CXU  
 W3SMK

(W3HIX) KANGAROO RATS

\*K3EPB  
 - K3IUZ  
 K3BPP  
 - W3CLQ  
 - K3EQU  
 K3GAY  
 W3BRU  
 K3AA

(K3IGX) FIELD RATS

\*W3NSI  
 W3QAS  
 W3IXL)  
 K3CIV)  
 K3KVS  
 K3VEQ  
 K3AUH  
 - K3LWY

(W3GEW) TREE RATS

\*K3BOY  
 W3ELI  
 W3MVF  
 W3KXH  
 K3KUB  
 K3IFH  
 K3MSV  
 - WA3BRV

*or* (K3DUW) FAT RATS

*or* \*W3HKZ  
 W3JAY  
 W3KLL  
 W3QB  
 W3CLT

(W3CPT) MARSH RATS

\*W3LHF  
 W3QXB  
 W3KKN  
 W3IHT  
 K3TPM  
 - W3GEC  
 K3UJD

(K3HSS) MOLE RATS

\*K3GAS  
 K3GQJ  
 K3ACR  
 K3OBY

(K3EHQ) POCKET RATS

\*W3SAO  
 K3HJA (W3CCX)  
 W3FSC  
 W3ZTL  
 K3QFQ  
 W3IBH

(K3EOD) ALBINO RATS

\*K3JJZ  
 K3IUV  
 K3ESL  
 K3CHN  
 W3OZF  
 K3GOZ

(W2EIF) BROWN RATS

\*W3CDP  
 - W3EEH

The Penn-Jersey VHF

AUCTION

OCTOBER 17th

Talk in frequency at 50.3  
Selling will begin at 1 P. M.  
Items must be registered with the  
club to be sold  
Auction rules will be posted

7A

--- Please Patronize Our Sponsors ---

W. V. RADIO

T. V., Radio & Electronics  
Parts Distributors  
985 Princeton Ave.  
Trenton, N. J.

Phone: EX 6-3505

W. V. RADIO

Sucks County's Leading  
Electronic Distributor  
Amateur & Citizens Band Equipment  
4033 Brownsville Road  
Trevose, Penn

W. V. RADIO

4 Brunswick Circle Ext.  
Trenton, New Jersey  
Phone - EX 3-4590  
2546 Cottman Ave.  
Philadelphia, Penn  
Phone - DE 8-2525

J. J. ELECTRONICS

Wholesale Electronics  
Tubes - Parts - Test Equipment - Batteries  
392-1141 387-4800  
1900 Genesee St. Rt. 130 & Wood St.  
Trenton 10, N. J. Burlington, N. J.

THIRD ANNUAL

AUCTION



None Larger In The Three State Area



The Penn-Jersey VHF is holding it's

THIRD ANNUAL

AUGUSTION

SUNDAY OCTOBER 17th

At the Joseph McNerney Memorial (D.A.V.) Hall - Trenton, New Jersey

Bring all the equipment you're not using! !

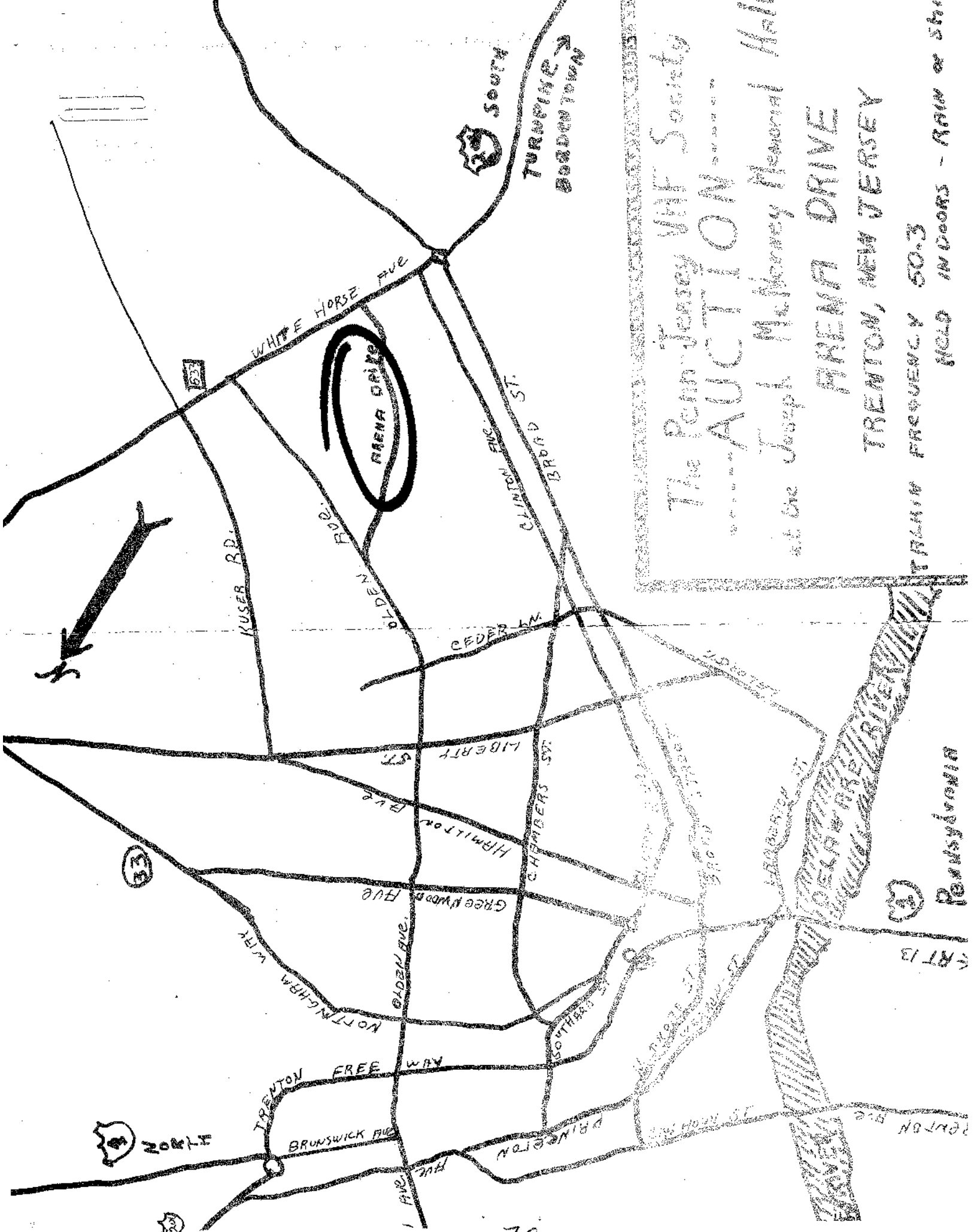
We'll Sell It--- (A Professional Auctioneer Will Be There

Hold In Doors - Rain or Shine! ! !

No Limit To The Number Of Items You Bring -- On The Price! ! !

Plenty of Parking - - - Food Will Be Sold At Our Kitchen

Nothing to Sell? ? Come Anyway! !

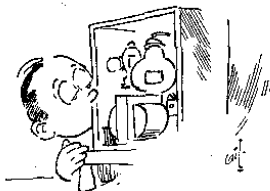


The Penn-Jersey VHF Society  
 --- AUCTION ---  
 at the Joseph McKerney Memorial Hall  
 FRENCH DRIVE  
 TRENTON, NEW JERSEY  
 TRAIN FREQUENCY 50.3  
 HOLD IN DOORS - RAIN or SNOW

# A.R.R.L. SAFETY CODE

## SAFETY RULES FOR: THE AMATEUR RADIO OPERATOR

1. KILL ALL POWER CIRCUITS COMPLETELY BEFORE TOUCHING ANYTHING BEHIND THE PANEL OR INSIDE THE CHASSIS OR ENCLOSURE.
2. Never allow anyone else to switch the power on and off for you while you are working on equipment.



3. Don't shoot trouble in a transmitter when tired or sleepy.

Mental or physical fatigue may be accompanied by a certain amount of absentmindedness. Wait until you're fully alert before changing plug-in coils or start working on equipment.

4. Never adjust variable links by hand.

Use special care when checking energized tank circuits with absorption-type wavemeters.

5. Avoid bodily contact with grounded metal (racks, radiators) or damp floors while working on the transmitter.
6. Never wear 'phones while working on gear.
7. Follow the rule of keeping one hand in your pocket.
8. Never pull test arcs from transmitter tank circuits.



9. Instruct members of your household HOW to turn the power off, and HOW to apply artificial respiration.



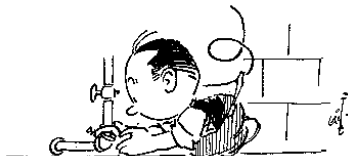
Instruction sheets on the latest approved method of resuscitation can be obtained from your local Red Cross office.

10. Develop your own safety technique. TAKE TIME TO BE CAREFUL. DEATH IS PERMANENT.

## SAFETY RULES FOR EQUIPMENT DESIGN AND CONSTRUCTION

**ONE DISCONNECT SWITCH:** A single plainly-labeled main switch should be provided to cut off all power from the equipment.

**POWER SUPPLIES:** All power supplies should be so enclosed or constructed that accidental bodily contact with power circuits is impossible.



All negative plate-supply and positive bias-supply terminals should be connected to the chassis and the chassis connected to a water pipe or other good ground connection.

Every power supply should use a conservatively-rated bleeder resistor. If it is placed on top of the chassis for ventilation, cover it with screening or perforated metal.

When using shielded wire for external power cabling, make sure the shielding is grounded to protect you in case of insulation breakdown.

CD-84 (Rev. 7/53)

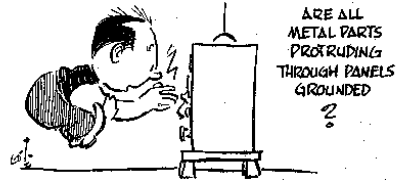
-over-

Printed in U.S.A.

**PANEL CONTROLS AND METERING:** Every control shaft extending through the front of the panel should be at ground potential.

The frames of key or metering jacks should be fastened to the grounded panel.

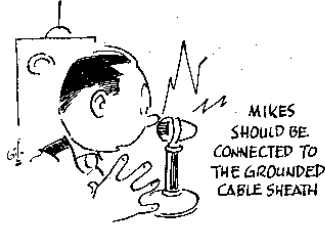
Meters, unless connected in the cathode or centertap, should be recessed to avoid danger of contact with the adjusting screw.



**R.F. UNITS:** Use parallel feed in all circuits where plug-in coils are used. If using series feed, use coil switching circuits.

All exposed terminals, tube caps, etc., should be protected by insulated coverings.

**AUDIO EQUIPMENT:**



In addition to the construction rules set forth for power supplies, the following rule should be followed for speech equipment.

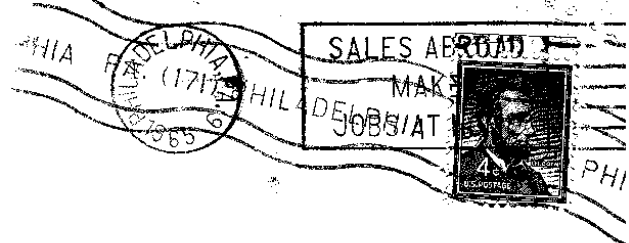
The microphone stand and enclosure should always be connected to the microphone-cable shield which, in turn, should be grounded to the chassis.

- . . . -

**HANDLE EVERY CIRCUIT WITH CAUTION.**  
THE LOWLY 115 VOLTS HAS CAUSED MORE ELECTROCUTIONS THAN ANY OTHER.

**SWITCH TO SAFETY!** 

PACK RATS CHEESE BITS  
821 W. Lindley Ave.  
Phila., Pa. 19141



W3KKN, Ernest Kenas  
2823 Old Welsh Rd.  
Willow Grove, Pa. 19090

MEETING NOTICE