

PACK RATS CHEESE BITS

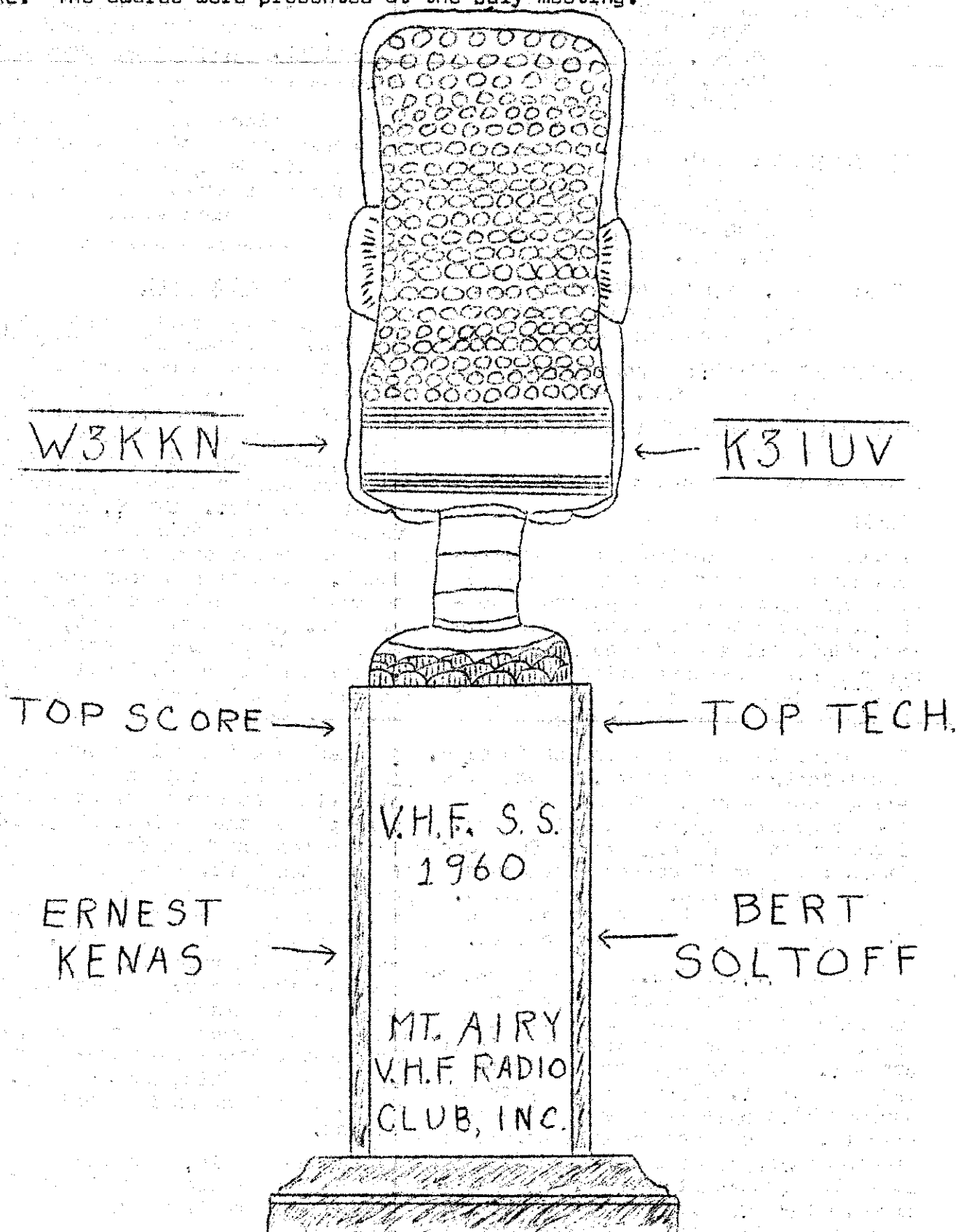
VOLUME III MT. AIRY V.H.F. RADIO CLUB, INC., PHILA., PENNA.
(50.2, 144.2 & 221.4 MC.)

NUMBER 5

W3CCX

(Meeting notices, last page) AUGUST 1960

Below is a reasonable facsimile of the award presented to the two top men in the V.H.F. S.S. By the two top men, we mean the certificate winners from the ARRL. The awards were presented at the July meeting.



(Actual Size)

PACK RATS CHEESE BITS IS PUBLISHED BY
MT. AIRY V.H.F. RADIO CLUB, INC., PHILA.
PA.

10¢ a copy \$1.00 a year

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829 W. Fishers Avenue,
Phila., 41, Pa.

CLUB CALL: W3CCX
TRUSTEE: W3FOZ, Charles Koelsch
2600 Horsham Road,
Hatboro, Pa.

PRESIDENT: W3HKZ, E. Edward Kushner

VICE-PRES.: K3HWZ, Bill McCutcheon

REC. SEC.: W3ZRR, Ray Whitehead

COR. SEC.: W3SAD, Frankie Brick

TREASURER: W3MVF, Dave Bloch

DIRECTORS: K3GQJ, Jack Greenage
W3JSD, John Houser
W3KKN, Ernest Kenas
W3CL, Harry Stein
K3CIV, Ralph Hersh
(Ex-Officio)

MEETING DATE: THIRD WEDNESDAY of each
month at WEST OAK LANE JEWISH
COMMUNITY CENTER, SEDGWICK &
THOURON AVENUES, MT. AIRY,
PHILA., PA. 8:30 P.M.

NETS: 144.2 each Monday 8:00 P.M.
50.2 each Monday 9:00 P.M.
221.4 each Monday 10:15 P.M.

DIRECTORS MEETING: Second Wednesday
of each month.

DEADLINE FOR ARTICLES: 15th of each
month.

(NOTE FROM THE EDITOR)

On the membership list, that you re-
ceived last month, (if you read it)
you will notice that I pulled a boo-
boo. Go down the list until you come
to K3HHS; it should read K3HSS.
PLEASE make the correction on your
list. (Sorry, Charlie, but I'm just
bound to get your call wrong.)

In answer to the questions on "Smel A.
Rhat's" column last month. I knew the
errors were there, but they were in
the original copy that I still have.
I copied it word for word as Smel wrote
it just to see if anyone else would
catch the mistakes. Perhaps Smel A.
Rhat also wrote it that way just to
find out how many read his letters.

About the V.H.F. S.S.: Ten to one, no
one noticed the omission of W3IBH,
Charlie, as the outstanding 2 meter
man. Go back and read the July issue
of QST. I noticed it and wrote to
them about it. I received a very nice
answer stating that it was an over-
sight and a correction will appear in
the Operating News column, whether it
will be the August or September issue,
I do not know. It seems that Charlie
made his H look like a U, and his
score appears in the run-down as W3IBU.

SPECIAL NOTICE

Since Ye Editor and Family are leaving
for their vacation on August 15th, and
will not return until September 7th,
we do request that all articles for
the September issue be sent in as soon
as possible after the July meeting so
that the issue can be made up and
ready for mailing before August 15th.
REMEMBER the Picnic is August 14th,
and Ye Editor is also in charge of it.
You can see that I will be plenty busy
at this time. PLEASE cooperate.

CONGRATULATIONS

Congratulations to "AUTO CALL" in the
sixth year of publication. This is a
federation of club notices in the
Washington Area. They have not only
grown in circulation, but have gained
club reports and also publish two other
papers. Congratulations, Andy, and
your staff. Keep up the good work.

Congratulations also go to South Jer-
sey Radio Association on winning the
V.H.F. S.S. We gave you a good run-
ning for your money this year, so
watch out for next year.

A BLIND CALL

After a landline call from W3ZRR, say-
ing that he worked W3ZRQ, the SCM,
Frankie took a chance on a blind call
to Tamaqua, Pa., on Sunday July 10th.
He called CQ Tamaqua, with the beam
just a little North of West on 6.
K3GOZ, W2EIF and K3ESL heard Frankie
make the call and they figured that
he blew his top. W2EIF, K3ESL and
Frankie almost fell off their chairs
when an answer came through from Geo,
W3CPR. Herm didn't hear the reply, so
he thought Frankie was talking to
himself. (Honest he wasn't, Herm)
To those of you who do not know the
location of Tamaqua, I will describe
it and you will know how hard it is to
make a contact.

Tamaqua is located in a very deep val-
ley in the coal regions of Pennsylvan-
ia. (In fact Broad Street is the
very pit of the valley.) A1, W3ZRQ,
is located on the side of a mountain,
facing New York. They must face their
beams through the valley and bounce
them off the side of a mountain to
reach points North or South. The
same works in reverse. You aim your
beam in the general direction and hope
that it hits the side of the mountain
that will bounce it into Tamaqua.
Anyone who knows this area, knows that
we are not kidding when we say, VHF-
wise, that Tamaqua is a hole in the
ground.

All I can say is, that perhaps it pays
to once in awhile head your beam in
a certain direction and give a blind
call.

FIELD DAY RESULTS

50 MC	126 x 6 = 756	points
144 MC	100 x 6 = 600	"
220 MC	4 x 6 = 24	"
TOTALS	230 x 6 = 1380	"

The group of operators who braved the heat of the day and the cold of the night are; W3GXB, Bob, W3SAO, Frankie, K3BEF, Al, K3IUU, Bert, K3CHF, Led, K3EPB, Howard, K3AUH, Al and Harry, Jr, Op. of Frankie, and K3BPP, Walt.

Other operators on the scene of operations are W3BRU, Frank, W3CPT, Ken, W3CL, Harry, K3HJA, Earl, K3IPM, Stan, W3KLL, Walt and W3IBH, Charlie.

Visitors to the site are; W3ZTL, Myles and his XYL, W3AJF, Horace and his XYL, the XYL's of W3CPT, K3EPB, W3SAO, W3CL. Harmonic visitors are; Marcia, daughter of W3CL and Frank, son of W3BRU. The two SWL's that Brad Algeo, W3EM, brought over Saturday evening, and other hams whose calls I do not know.

Thank you's go to; W3BRU for getting us the site, supplying the truck in which K3BPP set up his 220 gear, and supplying milk and water; to Mr. E.S. James for the use of his property; to W3IHT for 2.5 KW generator; to the friend of W3ZTL for the use of the tents, unfortunately I do not have his call, handle or address so as to write him a thank you letter, and last but not least to K3BEF, Chief cook and bottle washer.

Sidelites; Around midnight they saw a big fire and jumped in the car to chase it. Turned out that it was a dump fire and is a general occurance. Around 1:00 A.M. some of them got hungry and drove 4 miles to an all night diner. It seemed that no matter how many blankets they had they froze during the night. Frankie did not steal any chickens but the Jr. Op. came home with a tick. I do hope that Mr. James didn't miss it. I threw it out but I guess I should have returned it.

While we're in the thanking mood I would like to thank W2SMZ, John for the very nice letter. In regard to your remarks about Frankie, it just proves what I always say; "You don't have to be nuts to be a ham, but it sure does help."

During the recent RCA strike, Grandpop, W2EIF, carried a basket to catch the eggs that were thrown. After all he had to eat, I don't know why, but he had to.

PACK RATS PICNIC, AUGUST 14
FORT WASHINGTON STATE PARK
FLOURTOWN, PENNA.

CONGRATULATIONS

To K3GOZ, Herm, on the birth of a new grand-daughter. 3 grandchildren now.

To W3KLL, Walt and Anna Mae on their 26th Wedding Anniversary, July 15.

To all others who have had anniversaries and birthdays during July, of which we knew nothing about.

Last but not least, I had better congratulate Frankie for putting up with me for 23 years (or vice-versa) on July 10th.

K3GAY, Don, is moving to Allentown soon after the picnic. That will give us two members in that neck of the woods. W3NW P and K3GAY.

K3IBO, Bill, called to let us know that he is still around. He was out of town on a job. He is looking for a new job as he is getting tired of all the traveling.

Welcome home to K3CIV, Ralph. Glad you got that head cold all cleared up, which wasn't a cold but a sinus infection.

Forgot to mention that the net that W3IBH, Charlie, runs each morning on 2 is a mobile net.

W4OPB/3, ex K3CFZ, Dave, from Atlanta Georgia is living in Levittown, Pa. for the summer months and is working at U.S. Steel at Fairless Hills as part of the School Co-op plan. They go to school three months and work three months.

Rumor has it that KC4USB was in on 6 on July fourth around 8:00 A.M. He was supposed to have worked a Jersey station. So far it is just a rumor as no confirmation has been received. If it is true, that certainly is a good haul on 6.

W3IHT, Doc, returned from a cruise on Saturday evening June 25th. He heard activity and called the group. He was surprised to learn that they were using his generator. Forgot he said they could use it. He didn't even know what day it was. Hey Doc, you are really out of this world.

I presume by now, that W3ASD, Karl is minus his roosters as K3ESL, Ben, went down there with his two ton truck. Why he needed such a big one for only two roosters, I'll never know.

K.U.I.

By W3HKZ

A design analysis of corner-reflector antennas has been carried out by the National Bureau of Standards Boulder (Colo.) Laboratories under the sponsorship of the US Air Force. The results of this evaluation by H. V. Cottony and A. C. Wilson of the Bureau's Central Radio Propagation Laboratory provide comprehensive and detailed information on designing high-performance, economical corner reflectors.

A corner-reflector antenna consists simply of two plane reflecting surfaces joined edge to edge to form a corner, which is usually parallel to the ground. The driven element is placed in the aperture between the two planes. This type of antenna has the advantages of high gain, broad frequency response, narrow beam width, low back radiation, low cost, and ease of construction.

Therefore, as part of its propagation research program, the Bureau undertook an investigation of corner reflectors to determine how gain varies with changes in width and length of reflecting surfaces, angle of aperture, and position of driven element.

The experimental corner-reflector antenna used for this investigation consisted of two lattice-type wooden frames, each 12.3 feet (five wavelengths at 400 mc) wide by 12.3 feet long, supporting the reflecting surfaces. The reflectors were of overlapping strips of sheet aluminum fastened to the frames so that removal of one strip would subtract 0.2 wavelength from the surface. Width could be varied by trimming the lengths of the strips. The two frames were pivoted along the same axis, and the angle of aperture could be varied from 20 to 180°.

The driven element was a folded half-wave dipole. Its position could be varied from 0.07 to 2.5 wavelengths from the apex of the reflecting surfaces. The dipole's support also served as a balun to transform the impedance of the system to about 50 ohm. Fine adjustment, for an exact match to a 50-ohm line, was provided by a two-stub tuning unit. Gain was measured at 400 mc by comparing the system with a known antenna.

Results of the measurements indicate that minimum reflector width is 0.5 wavelength for the smallest usable value of gain. With an increase in width up to 2 wavelengths, gain increases. However, beyond this, there is little or no increase in gain, and under some circumstances it may actually decrease.

Ionospheric scatter antennas designed for the lowest portion of the VHF band should have especially low secondary

lobes and minimal radiation to the rear, as radiation in these undesired directions is likely to result in self-interference from multi-path propagation. (Aside: Ed, shouldn't that VHF be VHF? Anyhow that is the way it reads in the copy you sent me.) An important advantage of the corner reflector over other types of antennas is that it can be designed to have extremely low back radiation. The small amount that does occur results from diffraction around the edges and from penetration through small openings in the reflector surfaces.

THE LIGHTER SIDE OF ELECTRONICS

NEW YORK CITY. The light touch was provided by a pair of Raytheon Co. engineers pausing between technical sessions at the Institute of Radio Engineers' show here recently. Samples of their electronic "daffy-nitions" included:

DAMPED OSCILLATION--end of a rock 'n roll party.

INERTIAL GUIDANCE--permissive parenthood, or leaving well enough alone.

COUNTERMEASURERS--Dr. Spock's system, the opposite of inertial guidance.

THERMISTOR--a hot engineer.

SEMICONDUCTOR--railway official under five feet two.

TELEMETERING--why women need unlimited phone service.

ESAKI DIODE--verses read at a Tokyo wake.

TRIODE--what the "beat poet" writes.

CONDENSER--designer of midget radios.

ELECTRONIC FILTER--network for straining harmful tars from cool, smooth microwaves.

TOROIDAL COIL--a tropical snake.

AMPLITRON--a very large tropical snake with goiter.

THYRATRON--a tropical snake with goiter.

HYSTERESIS--one of those new viruses.

GRID BIAS--college football game reported by old grad.

MEGACYCLE--small Italian motor scooter.

MEMORY TUBE--a wedding ring.

ISOLATION NETWORK--the office grapevine.

IONIZATION--smoothing process applied to wet wash.

PARAMETER--a rubber ruler.

PENTODE--sap-sucking pests frequenting African violets.

Here are a couple of "daffy-nitions" of my own.

(What do you know--ran out of room on the other page--have to put the "Daffy-nitions" here.)

DIPOLE--a pole for drying diapers.
FOLDED DIPOLE--a pole for folding the dried diapers.

WELCOME BACK TO THE SOCIETY OF THE HEALTHIES

To W3ZRR, Ray, who is now better and able to resume his office as Recording Secretary.

To Lorrie, XYL of Ed, W3HKZ, after an operation. Glad you're home.

AN AWARD IN THE FORMING

The Buck's County Amateur Radio Club is formulating an award to be presented to the outstanding amateur in the area. This award is in memory of KN3LXL, XYL of K3EGP. As we understand it, the Delaware Valley Council of Amateur Radio Clubs is to pick the recipient each year.

So far the award is just in the formation stage and Bucks County is waiting until it is presented to the Council before going ahead with it.

AN UNDERSTANDABLE MISUNDERSTANDING

In contact with K3HHS the other night, he stated that he has heard the "Pack Rats" on many a time in the nets. He heard all of the preparations for the V.H.F. S.S. but in the final scoring he did not see the "Pack Rats" but did see Mt. Airy. We had to set him straight by telling him that Mt. Airy is our "Sunday-go-to-meeting" name, and we are better known as the "Pack Rats".

This is not the first time that we have had to make this explanation on the air. So many hams think that Mt. Airy is one club and the "Pack Rats" is another club.

HONEST they are one and the same.

Vacation time is really here,
A trip to the shore or country is near.

The new highways are fast,
The trip is a snap.
You're on your way at last,
While driving, please don't take a nap.

The driver in front is slow as toffee,
Your temper is ready to fly,
Stop off for a cup of coffee,
And he will pass you by.

To you your voice may sound scrappy,
To us it is jive,
So please make us happy
And return very much alive.

HITCH HORSE SENSE TO HORSE POWER !!
From WFIL

COMMENTS ON SIX & TWO

By Smel A. Rhat

I wonder how many of you picked up the error in last month's comments? Just to set the record straight, the 6 meter CW sub band is 50.00 to 50.01 Mc, and at the risk of repeating myself, it means you can't operate a phone station any lower than 50.011 Mc unless you have audio filtering which will limit your modulating frequencies to 3000 cycles MAXIMUM, in which case the lowest carrier frequency that you may legally use is 50.0103 Mc., Nuff Sed.

Field Day has come and gone, and a good time was had by all, with lots of sunburn, hayfever, chigger bites, etc, reported. The next item of business, naturally enough, is that of CLUB PICNICS. To you who have never attended one of these affairs, I can say you have missed one of Hamdom's greatest attractions. Here is your chance to meet the gang that you have been chewing the rag with all year, and really have that "eyeball QSO" that is so often mentioned. You will make friends and perhaps collect a few bee stings, and possibly cart home a new beam, receiver or some other item of ham gear which may or may not be usable at the moment--it doesn't matter--you can always swap it for other stuff more usable, such as groceries, mustache wax or what have you.

The Big Event of the year, as far as the Pack Rats are concerned, is their own shindig, known far and wide over this fair land for it's friendly atmosphere, number of prizes and Momma Rat. (That guy from across the river will now claim that she put that in just to mislead you into thinking that she doesn't write this column). Be that as it may, you Pack Rats, should by now, be aware of the tremendous amount of effort that goes into obtaining prizes, so you guys can sit around in the shade, with one ear on the conversation of the fellow next to you, and the other on the numbers being yanked out of the pile. The work begins months before the picnic, with many letters written to firms over the country, asking for contributions of suitable prizes for the gala affair. There must be other female helpers also working on the job because it sure is a big one. If your XYL has helped out on the affair, you can feel proud and I hope that she enjoyed it. The only sad note that I can recall at this time concerns Frankie;--as the pile of prizes gets smaller and smaller, and the only things left are a couple of maps, a few rulers and a 3 foot wooden halo mast, Frankie's face gets longer and longer as his number remains uncalled, until his chin rests on his chest. So best of luck and I will see you at the Picnic.

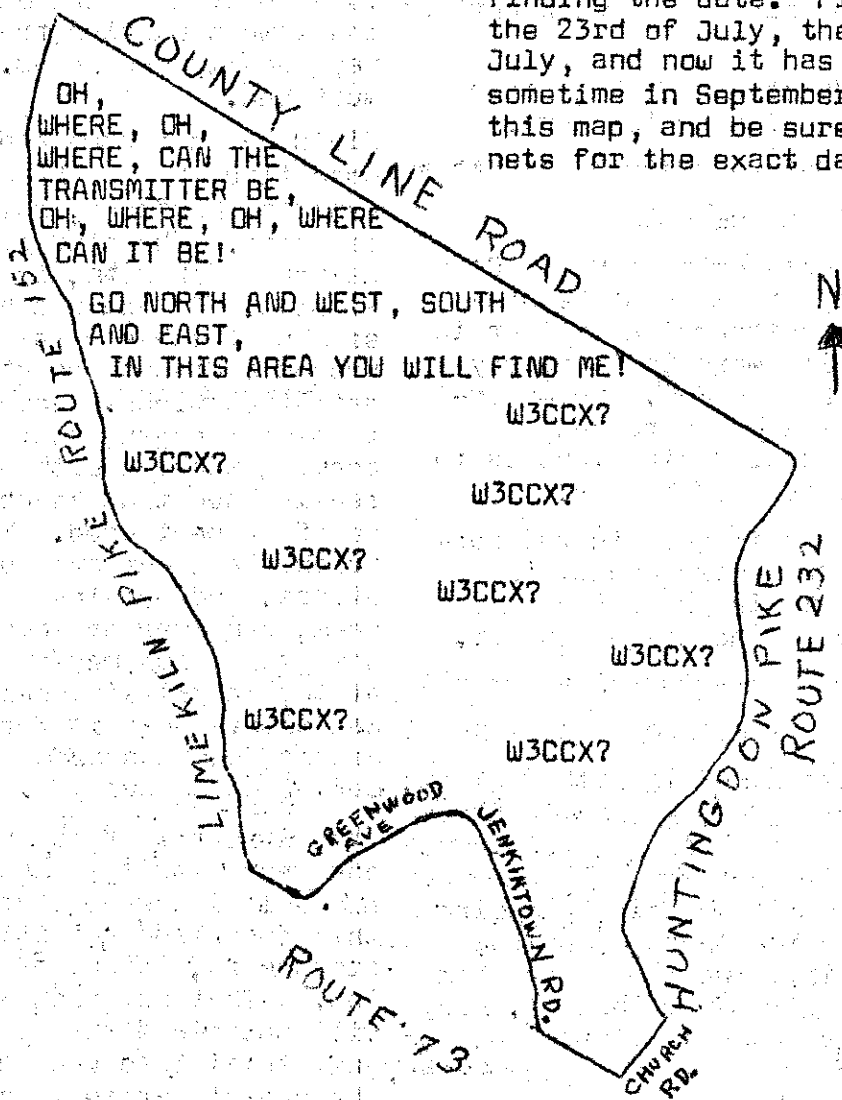
Smel

! ! ! ! TRANSMITTER HUNT SEPTEMBER ! ! ! !

You lucky, lucky boys, who love to go around in circles, here's another opportunity for you to do so. Sand the end of your nose, the better to sniff with, and sharpen the points on your ears, the better to hear with, get in your car, with your crew, and go merrily around the area.

Three guesses on who are hiding the transmitter. You're right! K3HWZ, W3HKZ and W3KKN. Take my advice and check the trunk of your car before starting, as you can never trust that trio. Remember what happened to W3CL! YOU might be carrying it with you!

(You think you have trouble finding the transmitter, I have trouble finding the date. First it was on the 23rd of July, then the 30th of July, and now it has been changed to sometime in September. Don't lose this map, and be sure to be on the nets for the exact date.)



DATE: SATURDAY, SEPTEMBER ?? TIME: 1:00 to 3:00 P.M.
 BOUNDARIES: NORTH: COUNTY LINE ROAD, WEST: LIMEKILN PIKE ROUTE 152
SOUTH: JENKINTOWN ROAD ROUTE 73 EAST: HUNTINGDON PIKE ROUTE 232
 STARTING POINT: WHERE EVER YOU AND YOUR CREW DECIDE TO START FROM
 CALL: W3CCX to be given every ten minutes on A2
 FREQUENCY: 50.7 MC POWER: 5 1/2 watts or more
 CLEAR: 4:00 P.M. to assemble at the site for refreshments.
 PRIZES: \$10.00 for number one (must be a member)
 \$5.00 for number two (must be a member)
 Gift for non-member coming in 1, 2 or 3.

Well boys, there is the layout, the rest is up to you. Who is going to be smarter this time, the hunters or the hidiers?

On July 4th I received a phone call wishing me "Happy Firecrackers". I didn't recognize the voice, but Frank did. It was Ralph, K3CIV. How could I know it was he, he was supposed to be in Kansas for three months, but he got homesick.

Ralph said that while he was there he met a very friendly group of hams. He attended a meeting of The Heart of Kansas Radio Club, (I hope I have the name correct) and after introducing other guests, they stated that they had a guest from the Mt. Airy (Cont'd next page)

V.H.F. Radio Club, better known as the Pack Rats, and a cheer went up, "Yea, Pack Rats".

Needless to say this made Ralph feel more than welcome and proud. Being so warmly welcomed, Ralph, the kind of person he is, gave them his June copy of Cheese Bits, which all the members of the club enjoyed reading.

Call it preminition, women's intuition, or whatever you will, I sent Ralph two copies of the July issue; one to Kansas, which I understand was turned over to the club, and one to his home.

This club, as we have seen from the copy Ralph showed us, prints a call book of the hams in the Kansas Area. Copies are distributed to the members, free of charge, as the advertising pays for the cost of printing and mailing.

We would like to take this opportunity to thank the members for their most warm acceptance to one of our members.

As you have presumed from the above paragraph, we are sending copies of "Cheese Bits" out that way.

CALLING ALL MAIL BOXES

Hey, "Culvert Stuffer" and "Pigeon Hole Stuffer", Wha' Happ'n? I had a mail box across the street this morning. This afternoon I saw the mail truck with boxes over there. I thought they were putting in a new one. When they left, all there was left was the concrete pole that the box was on.

P.S. I never used it for mailing the "Cheese Bits", as it was a letter box, the one at the next corner is a large, or business, box. Now I must walk a whole block to mail a post card. Is this their method of compensation for the raise they gave you? (Before you blow your top, I'll tell you that Frankie is on Per-diem.) HI, HI.

SWAP SHOPPE

(Don't get excited, we did not lose the store. Because of vacation time we have moved our quarters to the basement.)

Please send all Swap Shoppe articles to; W3ZRR, Raymond Whitehead, 4534 N. Smedley Street, Phila., 40, Pa. DA. 4-5910

FOR SALE: NC 300 like new, recently returned to factory for complete check and alignment. \$235.00

CONTACT: K2SMZ, John J. Yost 110 W. Cedar Avenue, Oaklyn, 6, New Jersey UL. 4-6556

FOR SALE: 2 meter Gonset - 6 volts 5 meter replaces the eye with modifications. \$120.00

CONTACT: K3GFF, George Korn 3807 Amherst Place Phila., 36, Pa. DE. 8-4260

CALENDER OF EVENTS

JULY 30 Transmitter Hunt

- AUGUST 10 Directors Meeting
- 14 Pack Rats Picnic, Fort Washington State Park, Flourtown, Pa.
- 17 Regular Meeting
- 28 Bucks County Corn Roast, Washington Pavilion, Washington Crossing Park

SEPTEMBER 11 South Jersey Picnic Molia Farms, New Jersey

HIGHLITES OF DIRECTORS

MEETING

At the Directors meeting held at the QTH of W3FOZ on July 13, Ed, W3HKZ appointed Walt, W3KLL as the new alternate delegate to the Delaware Valley Council of Amateur Radio Clubs, replacing Dave, W3MVF, who is our new treasurer.

Following the meeting, W3FSC and W3KKN grabbed Frankie, removed his trousers and shoes and tossed him into the pool for his annual dunking. It's a good thing FOZ's XYL, Edith has a clothes dryer or Frankie would have had to come home in a blanket.

Dops, forgot. Ed, W3HKZ also appointed W3FSC as chairman of the 1961 V.H.F. S.S. Contest with W2EIF and W3KKN on the committee.

We would like to thank FOZ and Edith for the very fine barbaque and swim.

How many have noticed that the call of the President and the Vice-president are exactly the same, except for the sequence? W3HKZ & K3HWZ. The only difference is the location of the "W" and "K".

P.O.Box 8285
Richmond, 26, Va.
14 July 1960

Dear "Mother Rat",

Have just returned from my annual two-week active duty tour at Olmsted Air Force Base, Pa. where we operated /3 and also did some work on the local MARS station there, K3AIR. Lots of 6 meter activity around Harrisburg, York and Carlisle.

Really enjoy my issues of "Cheese Bits" as do all the boys in the Central Virginia Six Meter Net. We pass the club's issue around and I keep my personal issue for future reference. We all look forward to each issue.

Have been putting my beam north and calling W3ZTL and W3ASD as per our (cont'd)

(letter cont'd)

agreement, but haven't hooked up with either as yet. Did manage to work a Harrisburg station via ground wave just before leaving Richmond for that area three weeks ago. Skip has been in here almost every night to "5 land"; so much so that most of us don't even bother to work it as we have done so much too often. But, just let the W6's come in and see what happens!

The day we left for Harrisburg, there was a tremendous wind storm and my antenna complex was a victim. All six roof-top jobs came down with a bang and upon our return we took down what was left and made a folded dipole out of some TV wire and have it up about 10 feet. Worked Florida on it last night and heard W2's so guess it will do for the time being. The six meter beam was bent somewhat and my two meter beam was completely destroyed; the 2M ground plane came thru OK as did the rotor and had some damage to my 80M job. The rest came thru OK too.

Well, MR, it looks as if ole Mighty Like a Yankee will be moving back up that-a-way real soon. My employer says I can plan on a transfer back to the Philly area about September so we will be looking for a house somewhere in the vicinity of Yardley, Pa. very shortly I believe. Would like to return to N.J. (please forgive) but guess we'll have to settle for the river in between. So, if you hear K4MLY/3 on 6 & 2 you will know that old John is back in town. Will sure get the old beam back up about the second day we're there, you can be sure.

Will certainly hate to give up my job as secretary and certificate-mailer for the Central Va. 6M Net as we sure have a grand bunch of guys down here. However, all good things must come to an end and after all, money is quite a persuader!

MR, will let you know of any change of address and will look forward to again visiting the Club on meeting nights. My best to all the RATS.

Sincerely,
John
K4MLY, ex WA2CVS

The preceding letter was reprinted for a two-fold purpose; one, to let the Pack Rats know about John's future plans and his attempts to work W3ZTL and W3ASD on schedule; two, to let the gang in the Central Virginia Six Meter Net Club know how he feels about them. We know that sometimes it is easier to express our feelings in writing than in person.

Thanks John, for the letter and we will be looking forward to the "Rebels" invasion on the "D@@@ Yankees" home territory. Best regards to you and the Central Va. 6M Net.

Good to see that you figured out what "MR" stands for.

88,
Mother Rat.

STAND BY FOR INVASIONS

The WEST has already invaded the EAST in the person of Jim Throop, WA6CLT, of Marina, California. Jim arrived in Paramus New Jersey on the 16th, and he will be using the call W2UZN and /3 when he gets settled in Pennsylvania.

Quote from Jim's letter: FCC came through with my modified license this week and gave me my original call back. W2UZN. So I'll be operating portable three when I get settled. With the new regulations permitting "we transients" to maintain our call with our permanent home address and annual notification makes it unnecessary to change calls now every move.

Jim received the call W2UZN in 1947 and the call W1HFC in 1955. We know that with the new FCC ruling it will be less confusing to Jim to use the same call all the time and just add / . Welcome aboard Jim.

We know from K4MLY's letter that the SOUTH will be invading the NORTH in September. Most of you RATS know John from his last visit to the club, and I am sure that you will be happy to see him again, even if he did want to move to Jersey. It seems that when he gets settled in Yardley we will have to call him an ex-wet-back.

We are not too sure how K3HAF, "The Kingfish" will feel about the move, as he is only a Major and John is a Lt. Col. in C.A.P. and this will give John a chance to keep an eye on him. Hi, hi.

Both Walt and John are members of MARS. You all know what that stands for, but with all the experiments in space and bouncing signals off the moon, who knows, maybe someday we may be invaded by hams from the planet Mars.

Regardless of where the invasions come, we are glad they are friendly.

TO ALL RADIO AMATEURS

BT

FOR ALL DX WORKERS AND AMATEURS INTERESTED IN THE ARRL'S COUNTRIES LIST THE FOLLOWING INFORMATION WITH EFFECTIVE DATES OF CERTAIN CHANGES IN THAT LIST ARE NOW ANNOUNCED. DETAILED INFORMATION WILL APPEAR IN THE SEPTEMBER ISSUE OF QST.

THE FOLLOWING CONSTITUTES FIVE NEW AND SEPARATE COUNTRY LISTINGS EACH TO BECOME ACCEPTABLE FOR DXCC CREDIT AS OF NOVEMBER 1, 1960.

MARCUS ISLAND: CONFIRMATION FOR CONTACTS WITH MARCUS ISLAND STATIONS MUST BE DATED NOVEMBER 15, 1945 OR LATER.

MALI FEDERATION: CONFIRMATIONS FOR CONTACTS WITH MALI FEDERATION STATIONS MUST BE DATED JUNE 20, 1960 OR LATER.

MAURITANIA: CONFIRMATIONS FOR CONTACTS WITH STATIONS IN MAURITANIA MUST BE DATED JUNE 20, 1960 OR LATER.

RUANDA-URUNDI: CONFIRMATIONS FOR CONTACTS WITH RUANDA-URUNDI TRUST TERRITORY STATIONS MUST BE DATED JULY 1, 1960 OR LATER.

SOMALIA REPUBLIC: CONFIRMATIONS FOR CONTACT WITH SOMALIA STATIONS MUST BE DATED JULY 1, 1960 OR LATER.

THE FOLLOWING FIVE CONSTITUTE DELETIONS.

BRITISH SOMALILAND,

ITALIAN SOMALILAND and the

KARELO-FINNISH REPUBLIC: LISTINGS ARE DELETED AS OF JUNE 30, 1960. CONTACTS WITH STATIONS IN THE KARELO-FINNISH SECTION MADE JULY 1, 1960 OR LATER WILL BE CONSIDERED THE SAME AS THOSE IN THE REST OF THE EUROPEAN RUSSIAN SOCIALIST FEDERATED SOVIET REPUBLIC.

TANGIER: THIS LISTING IS DELETED AS OF JUNE 30, 1960. CONTACTS WITH TANGIER STATIONS MADE JULY 1, 1960 OR LATER WILL COUNT AS MOROCCO, CN8, CN9.

WRANGLE ISLAND: EFFECTIVE IMMEDIATELY THE WRANGLE ISLAND LISTING IS DELETED.

CAYMAN ISLANDS: EFFECTIVE IMMEDIATELY THE CAYMAN ISLANDS LISTINGS REVERTS TO AND COUNTS AS IN IT'S PRE-JUNE 1958 STATUS.

FOR MORE DETAILED ANNOUNCEMENT OF THE ABOVE SEE DXCC NOTES SEPTEMBER 1960 QST.

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DON'T FORGET THE "PACK RATS" PICNIC AND FAMILY DAY, SUNDAY, AUGUST 14 AT FORT WASHINGTON STATE PARK, FLOURTOWN PA. REMEMBER THE TAB IS \$1.00 PER FAMILY, PAYABLE AT THE PARK ONLY. NO ADVANCE REGISTRATIONS WILL BE ACCEPTED.

We understand that some people would like to make advance registrations, but being parents, we also understand that children, for some unknown reason, have a habit of getting sick whenever advance registrations are made. Therefore we do not like to take money and then not have the family attend and enjoy themselves.

We do not have any transmitter hunts, for the reason that we feel it would not make it a family day with the OM off on a hunt and the XYL left with the harmonics. Being an XYL, I know that I take care of the harmonic every day and on a picnic I would like some cooperation from the OM, and a chance to get to know the other XYL's.

The rain date is AUGUST 21. We hope that it does not rain as we are leaving for our vacation on the 15th, and after a full year of this work, we feel that we need a vacation.

I would like to point out that since we have held our picnics, none have had to be postponed due to rain. Last year we did have to omit the games due to sprinkles, we had over 300 present and everyone had a good time.

Should it rain, and the picnic be postponed, I cannot say for sure that we will be there. It is up to Frankie. If he feels like driving 100 miles down and

(cont'd)

(PICNIC CONT'D)

100 back then we will be there, So-oo-oo, keep your fingers, toes, legs and arms crossed that it doesn't rain on the 14th. (Of course if I have anything to say about it, we will be there.)

Aside from all the preceding, we do hope that we will see you at the Picnic.

We would like to take this opportunity to thank, in advance, the following for their contribution to the picnic;

At the registration desk; Ken, W3CPT and his XYL Sophie; 10:30-11:30 A.M. W3MVF, Dave and his XYL, Mickey; 11:30 to 12:30 P.M., and W3CL, Harry and his XYL, Sylvia from 12:30 to 1:30 P.M.

On the prize table to check the numbers called and see that the post cards are signed; K3ESL Ben and his XYL, Edith.

On the transmitters to talk our friends in; W3AYG, John on 6 and W3IBH, Charlie on 2. Call; W3CCX

For the 45 RPM records for dancing for the teen-agers; W3IBH, Charlie

For the donation of peanuts; W3KKN, Ernie;

For donations of prizes or other; Gimble Brothers, F.W. Woolworth, Heath Company, Strawbridge & Clothier, Bell Telephone Co., Phila. Savings Fund Society, Frank H. Fleeer, Co., Albert Steinberg Co., International Crystal Co., Premax Products, World Radio Laboratories, Radio Electronics Laboratories, National Radio Co., Inc, Radio Electric Service Co. Barker & Williamson, Inc., Tasty Baking Company, Harrison Radio Corp., Arri Headquarters, Consolidated Radio Co., Ham Buerger, Hanscom Bakers, A. G. Radio Parts Co., Telrex Labs Inc., Allied Radio Corp. and Breuninger Dairies. also K3HWZ and W3ZRR, and last but not least Mt. Airy V.H.F. Radio Club, Inc., and W2SPV.

A WARNING TO ALL AMATEURS

(no offense intended)

Rumor has it, and rumor alone, that a certain XYL is on the air during the day when the OM is not at home and she uses his call. This, we all know, is against all rules and regulations of the FCC and is frowned upon by the hams and the ARRL. We say it is rumor because we never turn Frankie's rig on during the day as we have too much other work to do, and therefore we have not heard it. As a little reminder we would like to present this little phrase;

IF YOUR LICENSE YOU WOULD
KEEP,
UPON LEAVING IT, MAKE SURE
YOUR STATION STAYS ASLEEP!

Many of you know that Frankie is not at home on the third Monday, and I listen in on the nets, and believe me, it is a temptation to turn on the transmit switch, but instead I use the land-line. I value the privilege that I have in speaking on the air when he is home and transmitting.

LATE SWAP SHOPPE LISTING

FOR SALE 1 75M Walkie Talkie BC 611 with instruction manuel.

Best Offer

CONTACT K3AOT, John Windard
7423 Claridge Street,
Phila., Pa.
(3rd Floor)
RA, 5-1047

AUCTION SALE

WHEN ? AUGUST 9, 1960

TIME ? 8:00 P.M.

WHERE ? HARLEYSVILLE, PA.
ALUMNI HALL

SPONSORED BY ? NORTH PENN AMATEUR RADIO CLUB

A FEW HA HA'S

"No license, lady?" growled the traffic cop. "Don't you know you can't drive without one?"
"That explains everything," said she. "I thought it was because I was nervous and nearsighted that I hit two cars and a fire hydrant."

"I can catch the 6:15 train," explained the hiker, "if you'll let me cut across your field."
"Go ahead," said the farmer, "but you'll catch the 5:45 if my bull spots you."

"I can't marry him, mother. He's an atheist. He doesn't believe in Hell."
"Go ahead and marry him, dear. Between the two of us, we'll convince him he's wrong."

The sports car owner was giving a friend his first ride in one of the low-slung models. The friend appeared to be puzzled so the driver asked what was wrong.

"I can't figure out what that long wall is which we've been passing"
"That's no wall," snapped the driver, "it's the curb."

CORN ROAST

WHEN ? SUNDAY, AUGUST 28th

WHERE ? WASHINGTON'S PAVILION,
WASHINGTON CROSSING PARK, PA.

TIME ? NOON 'TIL ??

SPONSORED BY ? BUCKS COUNTY AMATEUR
RADIO CLUB.

I have a sneaking suspicion that the address machine for the "MAHANDY VALLEY BRASS POUNDERS KEY" is a new one on the market by the name of Al Breiner. Here are two samples of the addresses that appear on our copies. I'll let you be the judge.

"Francisco "EL" Bricko" and "Mr. and Mrs. Cheese."

Of course I could be wrong, and if I am, then "Cukie" the editor is just as nuts as Al.

We get a big kick out of it and I am sure our "culvert Stuffer" does also.

Not only was the present issue addressed "Mr. and Mrs. Cheese" but on the wrong side of the wrapper is; "Mr. and Mrs. Cheese, 829 -- oops goof."

We love you guys in the coal regions, but we are sorry that we will not be able to make your picnic on August 14, as that is the date of our picnic. We wish all success with yours.

Ev, the XYL of W3IBH, Charlie, was in the hospital for minor surgery. She is home now and doing well. Welcome home, Ev.

W3CL, Harry, had a mystery voice on his rig Monday, July 18. The only trouble was that the mystery voice was too well known. They all knew that it was the voice of the "Milkman" W3BRU. Better luck next time, Harry.

Sorry to hear that John, W3JSD, was sick and missed the directors meeting. Hope you are feeling better now, John.

Look for W3ZRR, Ray, putting out a signal on 2 soon. Frankie and a group of the fellows went down there on the 19th and put up his 2 meter beam. Of course we cannot attest for the orientation, but anyway it's up.

Who figured out what the "88" meant in last month's issue ? To help I'll give you a hint; 90 is the number.

The flowers that bloom in the Spring,
tra la,
They bring the bee with its sting,
tra la.
Although it is summer,
You sniff, hear a hummer,
Ouch! ouch! ouch!, tra la.

The above is free verse, and I do mean free. Anyone who wants it may have it. It did take up space though, did it not?

HIGHLITES OF JULY 20 MEETING

The weather outside was hot and humid, but in the studios of WCAU, where we held our meeting, it was nice and comfortable. (Air conditioned)

With members, friends, XYL's and harmonics we filled the studio allotted us by WCAU.

Our Ex-Prez. Harry W3CL, conducted a short business meeting during which the awards for the two top scorers in the 1960 V.H.F. S.S. were presented. We were sorry that Bert, K3IUV, was not present to receive his.

It seems as though the convention in Chicago just couldn't be run without our esteemed president, W3HKZ, Ed, so WCAU packed him up with the equipment and shipped him out on the meeting day. Perhaps it was a good thing, after our host K2TYW, Ed Harper, told us of the gimmicks they had cooked up for us, such as the hidden mike, and the mystery voice giving phonetics for the calls.

To add the correct atmosphere for rats, Ed Harper placed a white rat on the officers table. They wouldn't let me bring my latest son home, they said it belonged to Gene London.

A Video Tape Recording was made of the roll call and introduction of guests and played back for us during one of breaks of the meeting. Before the crew left to record another program Ed introduced them, two hams. He also told us that there are about 42 hams at WCAU, and he and Ed are outcasts as they are on 6 meters.

During another break in the meeting, Ed brought in Herb Clark, the 7:10 weather man to say hello to us. He did say that he should have stayed home and watched TV without TVI as long as the hams were there.

After the meeting, tours were arranged. The XYL's, YL's and harmonics were taken on a tour of the studios, and the OM's were taken on a technical tour. A couple of the XYL's, having seen studios before, decided to join the technical tour. Before finding them, they visited the news room. We saw the ticker tape and teletypewriters going full speed, with the men talking and one man getting his shoes shined.

MEETING NOTICES

DIRECTORS MEETING

AUGUST 10

The next Board of Directors meeting will be held at the QTH of W3HKZ, Ed. 148 Stoneway Lane, Bala Cynwyd, Pa.

REGULAR MEETING

AUGUST 17

The next regular meeting of the club will be held at the QTH of W3KKN, Ernest Kenas, 2823 Old Welsh Road, Willow Grove, Pa., on Wednesday, Aug. 17th at 8:30 P.M.

For those who do not know how to get to Ernie's, take route 611 to the Clown entrance to Willow Grove Park. Coming south, turn right; coming north turn left. 611 is Easton Road, if you use York Road, turn right or left, respectively, at St. Ann's Episcopal Church. That is Old Welsh Road. Continue over Old Welsh Road to just before Fitzwatertown Road. Ernie will have lights lit, but should you go to the corner, you will only be next door at his brother's house, so back up.

Next we visited the Muzak room with its panels, meters and tapes running. Still looking for the DM's we saw the workshop where all repairs to the equipment are made. We finally caught up with them in the VTR Room. Wow, you should feel the heat that comes from that panel, and the size of the tapes.

The DM's spent too much time in that room so we went around the corner of corridor and visited the recording room, where they make records from their tape recordings. We went thru a door at the end of this room and found another room in which was a large panel with lights and meters, most likely a control panel. On the other side of the panel were these huge relays. Wow, if you had one of these in the shack, and it slammed into place it would knock the house down.

After the group all got together again we returned to the studio where Ed introduced John Facenda. He praised the hams for the fine work that they are doing and their fine pioneering spirit that made both radio and television possible. He also commented on the fine companionship of the hams. Heh! heh!, he should listen to the Nitwit Net, then he'd know where we got the name Rats.

In making our tour, we thought that we could get a cup of coffee in the cafeteria, so we went to the basement. The man cleaning the floor told us that it was closed but he showed us where it was. We went further down the corridor and saw the watchman's room. (Not to tell tell tales out of school, but he was watching the Wednesday night fights.) He asked us where we were going and we told him that we came down to get a cup of coffee. He told us that the cafeteria closed at ten and it was ten after. He rang for the elevator, but one of the XYL's said, "Don't bother we'll walk up," and started to open a door, thinking it was a stairway, and he said "Don't go in there, you might see something you shouldn't." P.S. It was the door to the dressing room. Double P.S. It wasn't me.

We would like to take this opportunity to thank Ed Kushner, Ed Harper and WCAU for the privilege of using the studio for the meeting.

A goof that Frankie pulled on the membership list. K3GAS's phone no. should read, ME. 5-1078

I found another goof that I made on it. Change W3KMN to K3KMN.

K3GAY, Donald Lauer is moving to 2116 Allen Street, Allentown, Pa. after August 20th.

Please make the changes.