



# PACK RATS CHEESE BITS

VOLUME III MT. AIRY V.H.F. RADIO CLUB, INC., PHILA., PA.  
(50.2, 144.2 and 221.4 Mc.)

NUMBER 8

W3CCX

Meeting notices, last page

DECEMBER 1960

## FORRESTAL RESEARCH LAB

K3KUS; K3KMN; W3FSC; W3CL, XYL and Daughter; W3IXL, XYL, Nephew and friend; K3CIV; W3DZP; W3CXU; W3BRU; K3EDS, Bill VanCott and son, Ed; W2AXU; W3SAO, XYL and Son; W3CPT; W3FDZ; Mr. and Mrs. Robert Blankenburg and 2 sons; and W3HKZ.

Sound like a score card and line-up? That's what it is, a list of 27 "Rats" and their families and friends, who ventured forth to the Forrestal Research Lab of Princeton University, Princeton, New Jersey, on Saturday, November 5th.

Through the invitation of Mike, K2QDS, we spent a most pleasant afternoon at the lab still under construction. After a briefing in the conference room of what they are doing, or are hoping to do, by Mr. Glen Rightmire, we were divided into two groups, with Mr. Rightmire taking one group, and W2HY, A.G. Wentzel, better known on the air as B.B., which stands for Boston Blackie, conducting the other group. B.B. is the Chief Superintendant of both projects. We visited Project "Matterhorn", site B of the Research Lab. Some of the group mistook the Bell Telephone building for the Police Barracks and landed at Site A and we had to round them up before we could start the tour.

Did you ask a question? Oh, what are they trying to do? They are trying to make power plant by using Hydrogen. They have done it on a small scale model, which was exhibited in Geneva. It seems that someone came up with the idea that in about 100 years all of the earth's natural resources will be used up, and they are looking for a way to supply power and heat for the people after then. It seems that the by-product of Hydrogen, which is Helium, is non-toxic, and therefore harmless to the people. We all know that the by-product of the Atomic Energy is dangerous. Even though only a small amount is dispensed in the air, in time it will catch up with the people. Besides they can get all of the Hydrogen they need from sea water.

(Oops, just noticed a goof. The XYL and 2 sons of W3FDZ were also along. that makes it an even 30 people. Sorry for the goof.)

Just to give you a small idea of what is going on I will try to give you my impression of the tour.

The method in which they obtain power is called "Racetrack". The reason for this is that the tube through which the Hydrogen is "raced" is oval shape. It is about  $1\frac{1}{2}$  or 2' in diameter and is of stainless steel. This tube is thoroughly vacuumed so as to remove all traces of grease or other outside particles. Around this tube are wound wires, should say cables, with large radio wave controlled magnets at each end so as to form a solinoid, (that's in my washer, the solinoid, not the racetrack.) At the top there is some sort of a ceramic gadget, I forget what that was for. The radio waves also cause a pulsing action, which, if I remember correctly, is the action used to race the Hydrogen through the tube. The idea is to get two neutrons of Hydrogen to collide. The heat and speed used to perform this feat is really beyond belief. The neutrons are like positive poles of a magnet and they must get them going at such a speed that they will not pull away from each other, but collide. For example; lets call two Hydrogen neutrons 10. Now when these two 10's collide you do not get 20, but you get 19.99+ energy. Greek to you? Well so it is to me, but that's what they told me, and being stupid, I believe them.

Let's see, oh yes, where do they get the power to keep this action up once it gets started? Well, they have four sets of four of the largest generators by Allis Chalmers, with a 90' fly wheel in the middle, all set on a 3' shaft. You can imagine the shake and rumble set up when they are all operating. I believe they are on the third floor, the bottom half of the flywheel is on the second floor and the supporting columns are on the ground floor. They are about 12' high and about 10' in diameter at the base. Some jaker wrote on one of them, "Please do not move this column." All of these generators are run by electricity, but should there be a power failure, they have a

diesel powered generator, which 18 seconds after it has been turned on, comes up to full speed. Once the racetrack is running it will keep going. Should a leak occur, and it stops, it will take about six weeks to get it back in action, I think.

All of the wiring is done under the floor. These floors are composed of tile set in Stainless steel squares. If any repairs to the wiring must be done, all they have to do is remove the squares, make the repair, and replace the squares.

For stability measurements, in a separate room, they have a large granite table. I forget how many tons it weighs, but they had to bring it into the building on two flat trailers. This is set on springs, not watch springs, the coils are at least 2" thick.

The FCC was worried about radiation outside of the building, so they have a mobile "Field strength laboratory" with a collapsible antenna, (just what you boys need for finding hidden transmitters). Once the machine is in operation they plan to ride through Princeton and surrounding areas to check for radiation. They don't expect to find any as the building is constructed so as to prevent outside radiation. (They hope)

The only metal used in this project is stainless steel and I understand that in this building is the largest collection of stainless steel, in the world; 50,000 tons, give or take a little.

We started the tour about 2:30 and didn't get out until after 5.

Mike told us that we were the first and only radio club to make the tour.

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If the preceding sounds strictly womanish, that is what it is. No one would give me a write-up on the tour, and since the deadline for articles is the 15th and this is the 17th, I had to do it on my own.

To those who missed the tour, I say you really missed a good thing. There were so many other things explained, but I can't remember all of them. You actually must visit the lab to get a full understanding of the project, and a look into the future. We have been invited to return for another tour once the plant is in operation. One thing that I just remembered is that to start the operation, there are four or five control boxes, each with two keys. You start by turning the two keys in the first box; remove one key, use it in the next box, along with the key that is in there. This continues until you come to the last box. The master control box is on a different floor, and only three people have the key for this box. This control cannot be turned on until all the others have been turned on. This is done to prevent any explosion. Oh yes; another thing. Should the flywheel break off of the shaft, the momentum would carry it from Princeton to the Atlantic Ocean.

All I can say is to believe it, you must see it. Should anyone, or club, be interested in a tour, Contact K2QDS, Mike and he will make arrangements for you. His QTH is in the call book.

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"CHEESE BITS" IS PUBLISHED MONTHLY BY  
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EDITOR: HELEN BRICK, XYL, W3SAO  
829 W. Fishers Avenue,  
Philadelphia., 41, Pa.

PRESIDENT: W3HKZ, ED. KUSHNER  
VICE-PRES.: K3HWZ, BILL McCUTCHEON  
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ex-officio

COUNCIL REPRESENTATIVES:  
W3AYG, JOHN HARRIS  
K3LBT, AL OBENLAND

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.

We are sorry to announce the resignation of W3AIQ, Bud Nelson, due to circumstances beyond his control.

Bud, you are eligible for reinstatement whenever you feel free to do so. We hate to lose you, but we understand.

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Well, the election is over. We don't know whether you are happy or sad over the results. In fact we don't care. We only hope that you exercised your prerogative and voted. If you didn't vote, then you have no complaints to make over the results.

The main thing is this; Now that the hip, hip hurray of speeches is over, you, who have two meter equipment, have no excuse for not getting on the two meter net. That poor net is sick, sick. Only 8 or 10 and sometimes only 3.

OK, so you may say, "If I'M on the six meter net, why do I have to get on the two meter net?" Here is your answer; We have a few members who are on two meters only. They may have a question that only YOU can answer. Now, put it

another way. You might say, "If I get on the six meter net, I get all of the announcements." OK, but has it ever occurred to you, especially those having children, that you may be sitting around at 8:00 P.M., but because you are on six, you don't bother to get on two. Then, God forbid, something happens to the XYL, children or someone in the family, and you are not around for the six meter net. Then you miss the announcements. Some activities occur between the publications of "Cheese Bits". Some of you do not even read "Cheese Bits", as we have often been given the excuse, "I didn't know about it." With the exception of the members attending school, or because of work, there is no excuse for not knowing what is going on.

The main thing is this; IF YOU HAVE THE EQUIPMENT, GET ON BOTH NETS.

The foregoing statements are strictly those of the editor, although I feel sure that many members agree with me.

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QUOTE FROM ELECTRONICS ILLUSTRATED  
NOVEMBER 1960

HAVE YOU A HAM FOR A NEIGHBOR?

Mysterious, isn't he? Is he a menace? Should you move? Call out the FCC? What's going to happen?

By Bill Walker, K2RUK

When your new neighbor was moving in your wife peeked from behind the blinds and commented that their furniture was rather nice but they sure had a lot of radios. The house already had a television antenna on the roof, but to your amazement the new neighbor spent all of his first weekend putting up another antenna--similar to the TV antenna but higher and wider.

And then wonder of wonders, he strung a wire from the garage to the big elm. A queer sort of wire ladder dropped into the house from the middle of it. "What the devil," you thought, "This guy must have a really old radio if he needs that kind of an antenna for reception."

Sunday night it happened. Your daughter was up in her bedroom playing records. She came running downstairs saying something was crazy because she could hear a pool room on her record player and one of the players kept repeating; "See cue ten. See cue ten." You smirked and wondered what this generation was coming to.

A little later your wife came in from the kitchen complaining that the little shelf radio had the same man's voice all over the dial and he seemed to be talking to a soldier in Alaska.

(That word above following kitchen should read, "complaining")

It hits you like a ton of bricks. This new neighbor must be a ham operator!

One of the fellows at the office lives near a ham and is forever complaining about all the interference on his radio and television. Will you put up with

one in your neighborhood? Certainly not. Nosiree. NO!

You start to see red and build up a splendid mad. You must keep calm, and put the ham next door to the ultimate test. You turn on the television and watch impatiently for wavy lines.

Nothing. Your television is beautiful. You dash to the kitchen and turn on the little AC-DC radio.

Nothing.

Hah. Must be the ham is not transmitting right now. He's listening to the fellow in Alaska. You wait restlessly.

Sure enough. In a few minutes back he comes on your radio; "OK KL7AA in Anchorage. Hang right on and I'll connect you with your father here in town by telephone...Mr. Schmidt, here is your son in Alaska via short wave radio..."

You are taken aback. You know Joe Schmidt. What a thrill it must be for him to talk with this boy who has been in Alaska for two years in the Air Force.

But sentiment be dogged. You rush into your living room and look at your television.

Beautiful! Not a line or wave or anything that shouldn't be there. You know the ham is transmitting because you recognize Joe Schmidt's voice from the kitchen radio. Your anger subsides.

Your wife and daughter are not angry either--on the contrary. They are shiny-eyed listening to Mr. and Mrs. Schmidt talk with their boy. Your daughter says, "We ought to have a short wave radio, Daddy, so we can hear both sides..."

The next morning when your neighbor leaves for work you note that he carries a brief case and looks like everyone else in suburbia. You grin to yourself. You didn't really expect to see horns, but an antenna on his hat would not have surprised you.

Early that evening he's on the little radio again. This time he is relaying a message to a college student several hundred miles away. You listen with growing interest. Janie will be away at school next year and this guy could save you money in telephone calls.

Your wife and daughter are entreating. "Why don't you call on our new neighbor? Don't you believe in being neighborly?" And finally they admit; "We want to see his ham radio contraption."

So over you go and ring his doorbell.

His wife answers. What a shock. She's wired! You look closer and it turns out to be a hearing aid. You explain that you are the man who lives next door, come to say hello. She is very glad to meet you and summons the man of the house. He's wired too, but it's only earphones hanging around his neck.

After formalities and pleasantries you are finally ushered into "the room". Even worse than you thought. Electrical boxes all over the place; certificates all over the walls. When your new friend explains them they make sense.

"...And I sit in on a state-wide 'phone net almost every night," he says. "We send messages to other nets all over the country. Let me know when you have any non-commercial messages to go anyplace. I'll be glad to send them."

Your enthusiasm has been building up and you catch yourself saying, "What a wonderful hobby...Almost a way of life."

"This is the emergency power supply," your friend is saying. "When I pull the starter rope this gasoline motor starts generating and I'm back in business."

"What do you mean, 'back in business'?"

"Well, in case of any kind of an interruption to the local electrical supply--an interruption might be caused by a lightning storm, a wind or ice storm, an earthquake, or even an enemy attack--I'll have power. We hams are usually part of the Civil Defense organization and we have our own C.D. frequencies to carry emergency messages. We're always practicing. It is known as Radio Amateur Civil Emergency Service. RACES for short. Many of us also belong to the Military Affiliate Radio Service. MARS network we call it, to carry messages for the armed forces. There is also AREC, Amateur Radio Emergency Corps..."

Finally you say, "What about interference to my radio and TV set?"

"I won't interfere unless your set is not well-engineered. You said you heard me on your AC-DC radio. That's not unusual because they don't have too much selectivity. But if you hear me spilling in on your big radio let me know. We don't cause all of the interference but a lot of it is blamed on us. Come on, let's give the band a whirl."

He sets a couple of knobs on the receiver and transmitter and speaks into the microphone. In a few minutes he makes a contact in a far city. You are all fascinated.

"I have a guest in the shack," he says--and you suddenly find yourself speaking into the mike. Then your wife and daughter timidly mumble a few words into it.

What a thrill when the distant voice comes back loud and clear, calling you by name and saying how glad he is to meet you!

When you finally leave you can't help but think, "And for a minute I thought it would be a pain in the neck to have a ham for a neighbor--wonder what you have to do to get a license."

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(Comments next column)

The preceding article is fine just as long as you and the complaining neighbor are of a favorable mind; but if he decides that you are to blame for all interference; ignition, citizen band, commercial, police and electrical appliances; then there is nothing you can do to prove that it is his set, except to refer him to the FCC.

On the side; if you invite him in and let him see you in operation, and view your television; with no interference; and he refuses to do so, then there is no more that you can do.

The main thing is; TREAT HIM WITH RESPECT. After all, you have television and radio receivers, and you paid good money for them, also. You, if you were not a ham, would certainly complain about interference. SO, PUT YOURSELF IN HIS PLACE.

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IN REGARDS TO MEMBERSHIP LISTS; since the last one was put out, many changes have been made, which have been reported in "Cheese Bits", and you were requested to add them to your other list. Knowing human nature, most of you did not do so. As soon as all changes have been received, a new list will be published.

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WHAT'S MISSING ?

Neither W3HYD, Lenny, or W3IBH, Chas. have turned in a report on 2 meters. We presume that Charlie still has his two meter mobile net. Come on, boys, let's get on the ball!

I know that some of you are saying, "Why doesn't "Mother Rat" tune in to find out what is going on?" The answer is; "Mother Rat" just doesn't have the time, what with Secretary of a Sunday School, superintendant of a Sunday School Department, Secretary of another organization, plus acting secretary of the church, due to a stomach operation on the regular secretary, and taking care of a six room house and a family.

The only trouble with me is that when I was a child I once said "NO" to my mother and she slapped me in the mouth knocking out a loose tooth, and I have not been able to say "NO" since.

Charlie and Lenny, What's your excuse?

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HEY! ISN'T THERE A CONTEST COMING UP IN JANUARY? THE ONLY THING I KNOW ABOUT IT IS WHAT SMEL A. RHAT WRITES. AREN'T THE "PACK RATS" GOING TO PARTICIPATE? IF NOT, THAT SHOULD MAKE THE CLUB ACROSS THE RIVER FEEL GOOD.

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We would like to take time out here to state that the Mt. Airy V.H.F. Radio Club, Inc., is not responsible for any articles printed in "Cheese Bits". All articles printed are strictly the opinions of the party under whose name, or call, accompanies the article.

COMMENTS ON SIX AND TWO

BY

SMEL A. RHAT

I am going to start this month's comments by asking a question,--how many of you sat down and read the constitution of the Mount Airy VHF Club when you were accepted as a member? If you have not, then you had better do so. You will find that the Pack Rats have put together a set of rules designed to insure an active organization.

You will note that membership is by invitation only and in order to be eligible for membership the person invited must be 21 years of age, possess an amateur license, and in accordance with article III, Section I, shall be active and have a genuine interest in the VHF amateur radio bands.

The above should be taken seriously, because these rules were made to combat that cancer of all clubs, namely, the dues paying members who are members in name only. In other words, if you are not active, ie, attend meetings, taking advantage of club activities, engaging in VHF contest, or sign in on the nets, it could be assumed that you no longer have an interest in the VHF bands, and even though paid up in dues, could be requested to resign for the good of the organization, and justly so.

There are two ways in which to "voluntarily" resign from the club. The first is to neglect to pay your dues for 4 months, whereupon you will automatically receive a written notice to that effect. IF YOU DON'T ANSWER THE LETTER, then it is your own fault if you are dropped from membership. The second way is to become such a stinker to all that 51% of the members would vote you out. This latter is most unlikely, since all of us have at least a few redeeming points.

This is not written in order that you should start soul searching, and initiate a mass stampede to resign for the good of the club, but it is presented so you will take stock and perk yourselves up, and take an active part. The least you can do is to improve your activity, GET ON THE AIR - sign in on the nets, and, for heaven's sake, get to some of the meetings.

Some suggestions which would maintain an active main body are as follows;

1. Create a RETIRED MEMBERSHIP. This would be composed of those who can no longer be active or attend club affairs, but who like to follow the club activities, attend a picnic now and then, and may be proud to belong to the club. They would pay lower dues, say \$2.50, to cover the cost of "Cheese Bits". They would have no voting rights and would be eligible for reinstatement, at their request, should they desire to become active. However, they should feel free to participate in as many activities as possible.
2. ACTIVE MEMBERSHIP, would consist of those who meet the full definition of the members as set forth in the constitution.
3. HONARY MEMBERSHIP which would consist of persons who merit special membership not fitting into the first two classifications. This category to be limited.

Bear in mind that the foregoing are only suggestions for your consideration. You still have time to examine yourself and get on the ball.

SMEL.

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COMMENTS ON SMEL A. RHAT'S COMMENTS

BY

NIBBLE A BIT O' CHEESE

I would like to say that you have brought out a very good point, even though you did not mention 2 or 6.

In your second paragraph, you state that "membership is by invitation only". This statement is true, but we would like to point out, that no member of another club is invited to join the "Pack Rats" until he expresses, either on the air, or by "eyeball" QSO, that he desires to drop his membership in the other club; or should he like to retain membership in the other club, there are no rules against it. He can be a member of both clubs. There is no set rule, but there is a request, that if he is participating in the January VHF Contest, he turn his score in to Mt. Airy. Otherwise he is free to participate in all other activities and turn his score in to any other club that he is a member of.

As you know, from keeping such a close check on the "Pack Rats", we have many members who belong to other clubs and no pressure has been put on them.

We enjoy your comments, even though we do not know who you are, but we do know that you keep a close watch on us.

73,

"Nibble A. Bit O' Cheese

UP-STATE NEWS  
BY  
"CAPTAIN CRISCO"  
W3KXH

In the opinion of several hams in Wyoming Valley, Pa., W3GWP of Taylor, Pa., running 120 watts to a 4-125 A, and using a SX 101 A Receiver with a five element beam, and W3RPZ, of West Hazelton, Pa. running 200 watts to a home brew rig, also a SX25 Receiver and a Amsco Converter, have the best Six Meter Stations in the Valley. Sorry, W3GWP's name is Charlie Krajewski, and W3RPZ's name is Mitch Dubrawski. Lots of good luck, fellows, keep up the good work.

W3RPZ, Mitch, as usual was at the Mahanoy Valley Brass Pounders Banquet, which was held at Hometown, Pa. T

To the boys of the Pack Rats Club, K3GHS, Bill Schlosser reports that 23 Technicians took their General License Exam. It took from eight to eleven thirty to get this 17 passed. (Aside; the foregoing statement is incorrect as you will see from our report of the banquet.) Are we going to let small clubs like that get ahead of us?

At this meetin where the EXams were taken, they had a Ham and Turkey dinner, the FCC gave talks on the TVI conditions. They gave out prizes which included a Heath Sixer, a Finco 6 and 2 beam, a Q Multiplier and a 6146 V. O. M. They ended the meeting by reading the story of Twelve Bottles. W3SZ, Gordon Shock, of Kingston, Pa. an old timer, was at the banquet with his son, Don, K3NHK, who runs a Senaca SX101-A on six meters. Francis Hillbrush, K3KVK, of Ringtown, Pa. was also there. He runs a Senaca to a 8 elemnt beam on six.

(Captain Crisco: I cannot go any further, without making comment that your reporter of the Mahanoy Valley Brass Pounders Banquet is incorrect.)

Sunday, K3MXX, and his wife, Jane, drove to Plains, Pa., and visited Phyllis, K3HNF, and Stan, K3ETN. They spent four hours talking Ham radio, Six Meters, sure. K3MXX say's Phyllis makes good coffee, Hi, hi. They run 75 watts to a 6293 final, home brew rig, 5 element beam on an 18 foot boom wide space and a NC125 receiver. K3ETN worked W3OR here in Phila.

The Wyoming Valley Amateur Radio Club, which is located at the Red Cross building in Wilkes-Barre, Pa., has a monitoring frequency at 50.55 Mc.

Another active ham in Dallas, Pa., is Jon Buyer, K3HGN. The boys up there held a transmitter hunt out at Dallas, Pa., and had lots of fun finding it. There is very little CW work done on six meters up-state. Most of the hams up there use Gerogetown Mountain or Electronics Heights to try to get out on six.

Before Al, K3MXX, was a ham he went to Compbell Ledge with W8EGH, of West

Pittston, who is now W3KXH, and our buddy W8HLK, Fred Williams, of West Pittston, to try our luck on five meters, yeh, we had lots of fun, but not much success, but now K3MMX has go the gang interested in the same ledge, Hi, hi. Sorry to say our friend, W8HLK is now a silent key some 18 years or more.

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THE MAHANDY VALLEY BRASS POUNDERS  
ANNUAL BANQUET

Frankie, the Jr. Op. and I left for the coal crackers region about 11:30 A.M. from the Choir rehearsal at the Benjamin Franklin High School. We Picked up Ralph, K3CIV, in Abington about 12:30. Yes, it took that long to get to his QTH because of the rain and heavy traffic, Saturday, October 29th.

We drove through the downpouring rain as far as Line Lexington, where we stopped at the Lexington House for lunch. Ummm, what delicious hamburgers, Black Angus steer beef. When we left, it had stopped raining, and we drove onward to Quakake, and into the sun.

We arrived in Quakake about 3 P.M., and when we asked them when it stopped raining, they told us that they hadn't had any rain for a couple of days, and down here it was raining since Friday afternoon.

When we took Ralph into the house, being a farm house you go in through the kitchen, he spotted the coal stove and said, "Boy, I haven't seen one of them for years." Yeh, all the years we've known him, we had to get him up there to find out that he is a coal cracker. He was right at home, and we know he had a wonderful time reminissing, with my cousin Frank, about the changes in that neck of the woods.

We left Quakake for Hometown, which is about a mile and a half away, at 5:30. When we arrived there we met many of our friends (?) again that we met on our vacation. Among the "Pack Rats" represented, there was, K3GAY, Don; W3NWP, Leo; K3EPB, Howard and his XYL, Emily; K3CIV, Ralph, W3SAO, Frankie, and "little me", Momma Rat.

When we arrived, Joe Welsh was still giving exams for General Class Licenses. (We would like to point out here, that the exams were given to all hams in that area, not just members of the Brass Pounders.) Out of 23 taking the exam, 17 passed and the youngest was 14. Each one who passed received a certificate from the club whether or not he, or she, was a member. The exams were finished about 6:45 P.M., not 11:30 as reported in the "UP-STATE" news.

We sat down to dinner about 7:30 P.M., and that stinker Al, W3ZRQ, put Frankie and I at the speakers table, next to him.

I did ask Joe if he took the exam for

me, and he said, "Oh shucks, I forgot, Ev, the XYL of W3ZRQ, and I did manage to get a promise from him that he would take the exam for us, but he added, "I won't promise that you'll pass." So I guess you'll just have to struggle along without our melodious voices.

The club officers for 1961 were introduced and they are, President, KN3KNJ, Stan; Vice-President, K3KNL, Mike; Secretary, K3KNO, Joe and Treasurer, K3KNA, Jim. (Note their calls, they all got their ticket at the same time.)

Prizes were awarded in between introduction of guests and speakers. I'll give you a rundown on them later.

Al did say that a certain number of "Pack Rats" always manage to find their way to his door each summer. You know the old saying, "Build a better mouse trap, and the world will beat a path to your door", instead of mice, he caught rats. He introduced me, and not expecting it, all I did was introduce my "sons".

We gave "Cukie", K3CUK, the story of the Twelve Bottles to read, but being rats, I told him to give it to Joe to read, and how he read it with a straight face, I'll never know, but he did say at the end of it that it sounded like the rules and regulations. (FCC)

Joe was called upon to give his speech, which he didn't give, due to lack of time, but he did conduct a question and answer period. I was glad that he introduced the other clubs represented, so that the hams and friends present, wouldn't get the impression that only the "Pack Rats" were there.

A "Prevaricators Contest" was held, and Frankie told them that his story was true, but they wouldn't believe it, proceeded to tell them what happened to him during the last VHF S.S. To make a long story short, he won the prize, a 1646, which he needed like a hole in the head. He told them to draw a number for it. You guessed it; the number drawn was mine, and I knew I'd lose my happy home if I took it, so I told them to draw another number, the result was that Bill, W3ORJ, won it.

As you know, the first prize was a Heath Sixer. The number drawn belonged to W3DUI, Emmett, but since he had one he said to draw another number. The next number drawn belonged to Em, the XYL of Howard, K3EPB: K3GAY, Don, won a prize, W3NWP, Leo won a prize, and K3CIV, Ralph won a prize, and I won a bouquet of flowers. So you can see that each and everyone of the rats were lucky.

Oh yes, Don, K3GAY, was the runner-up in the Prevaricators Contest.

All in all, we had a grand time, and arrived back in Quakake about 1:45 A.M. EST. (Remember the clock was turned back one hour.) We went directly to bed, as you can guess. Frankie spent most of the next morning there as he had a headache. We left for home about 5 P.M. Sunday. Sorry Don and Al that

we didn't stop in to see you on the way home, but we did want to get home as early as possible as the Jr. Op. had to go to school the next day.

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#### SPECIAL NOTICE

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W3KXH will again run a code session on Six Meters. Because of the requests of different hams and the fact that there are lots of Technicians in the club, who otherwise might just get their General through my efforts, I will try again. I think I was wrong in feeling about it the way I did, and was convinced after I talked to W3KKN. Thanks, Ernie, for putting me straight old chap.

Jim Spry

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Program:-

Code sessions will start the first week in February. Code will be sent two nights a week, Tuesday and Thursday. The time, from nine to ten thirty P.M. The frequency will be, 50.3 Mc.

Code will be sent in MCW.

The one and a half hour program will be divided into three parts.

From 9 to 9:25, five words per minute.

From 9:25 to 9:30, break time; get your drink and sharpen your pencils.

From 9:30 to 9:55, eight words per minute.

From 9:55 to 10:00, break time again.

From 10:00 to 10:30, ten to fifteen words per minute.

This session will continue until the end of June.

The program of speed will be changed from time to time.

Please notify your friends, and remember, it's a chance to get the General Ticket we all want. As the saying goes, "What one man can do, so can another."

By the end of June we might arrange to have the FCC come to our club meeting and give the exam for the General License to those who are ready. Are you going to be among the list?

"Captain Crisco", 73

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Congratulations, Jim. Really glad that you changed your mind and decided to start your code class again.

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OFFICIAL BULLETIN NR. 775 FROM ARRL NOV. 17, 1960.

TO ALL RADIO AMATEURS : BT

With the continued FCC citation and OO observance of phone splatter, key clix and out of band operation, all amateurs are urged to examine their own signals as well as give honest direct critical

signal reports. Application for Official Observer appointment is invited from experienced amateurs of General Class or higher license. Official Observers are needed to expand the work of sending friendly advisory notices. Those qualified are invited to apply to their SCM for an OO appointment.

AR

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In regards to the preceding bulletin; We feel sure, and we certainly hope, that none of the "Pack Rats" are guilty of phone splatter or out of the band operation.

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K.U.I.

By W3HKZ, Ed.

#### FCC RESTORES BANDS TO TWO LAND SERVICES

Washington. -- The Federal Communications Commission last week restored the fixed service bands 46.51-46.60 mc and 49.51-49.60 mc to the land mobile services to which they were previously allocated, the Public Safety and Industrial Radio Services, respectively. At the same time, suballocations of the 49.52 mc and 49.56 mc to the Special Industrial Radio Services on an exclusive intraservice basis, and the 49.54 mc and 49.59 mc frequencies for interservice sharing by the special Industrial and Forest Products Radio services were made.

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Our "Bluebird of Happiness" is W3JAY, not K3JAY as reported in the last issue.

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GOOF! GOOF! GOOF!

Three weeks KP duty for this goof. I didn't notice until now that "Captain Crisco" had typed on both sides of the paper on his Up-State news. Here is the rest of it.

Al, K3MXX, talked to K3ISH, Ned, of Milkes-Barre on six meters and found out that there wasn't much activity on two meters, but that the interest on two was increasing.

Well Al, Captain Crisco speaking, let's get with the subscriptions. One dollar a year and read more about your Wyoming valley activities, Hi. I didn't have time to put all the news in, so will put it in the next issue.

To the gang up there, from the gang down here, the very best of 73's and lots of DX on Six Meters.

So long,  
W3KXH

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W3IHT, - Hey Doc, stop dipping. You'll get all wet. Sorry about your antennas. Understand they are all in bad shape, except the six, due to our friend (?) "Donna".

\*\*\*\*\*

WCAU now has three VHF operators among its employ; W3HKZ, K2TYW and W3KBM.

K3EAB, Howard, was late reporting in on the six meter net, November 7th, as he was at 51 mc, working a scout troop to show them how amateur radio operates. Fine excuse, Howard, glad that you were finally able to call in.

W3JAY, Doc. Hope you didn't hurt yourself "slipping" down to the basement, between patients, to get on the two meter net, November 7th, good to hear you again. Sorry I called you K3 last month.

W3HKZ's mother teaches Russian and El's, K3JJZ, mother is one of her students. Small world.

Something for all you stay-ups or night workers. A "Nite Owl Net" operates from 1:00 A.M. until.... K3HIM is net control and the frequency is 50.4 from Tuesday to Thursday. K3 ESL, Ben, and W3HYJ, Joe, were on the night of its conception until 3:00 A.M.

On the sick list we had to date; Edith, XYL of K3ESL, Sylvia, XYL of W3FSC and Kenny, his Jr. Op. and Marcia, the harmonic of W3CL. We are happy to report that they are all well on the road to recovery.

Wonder what has happened to John, W3JSD? Haven't heard him or seen him for some time. Still with us John?

It seems that our friend (?) "Donna" played havoc with the 2 meter feed line and rotator of George, K3GFF. Everything OK now, George?

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#### SWAP SHOPPE

Sorry, no time for the fancy heading this month.

FOR SALE: Viking 2, good condition  
Built in T.R. Switch  
Built in "Push to talk"  
Factory Wired.  
New speech amplifier.  
\$150.00

Hallicrafters S-85 with  
S meter.  
\$60.00

Moseley V-3 Vertical  
with 50 ft. RG 58U coax.  
\$9.00

CONTACT: Victor Kornicki  
3810 Janice Street,  
Phila., 14, Pa.  
DE. 2-6968

FOR SALE: Globe Scout 6-80 A.  
Best offer.

Ameco 6 meter Converter  
Factory wired.  
xtal for 14-18 mc.  
xtal for 8C band  
\$17.00

CONTACT: K3AOT, John Windward  
7423 Claridge Street.  
RA. 5-1047

(cont'd next page)



(Swap Shoppe Cont'd)

FOR SALE: Globe Scout Transmitter completely overhauled. \$85.00

CONTACT: Larry Stevenson 8135 Lister Street, Phila., 15, Pa. DE. 8-6465

Please send all items for "Swap and shoppe" to W3ZRR, Ray Whitehead 4534 N. Smedley Street, Phila., 40, Pa.

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MEETING HILITES

We must admit that we had a very good attendance at the last meeting held on November 19th. It seems that everyone was interested in learning about transistorized converters for two and six. Bert, K3IUU, our speaker on the subject, had samples, for demonstration purposes, with him. (Samples? they were his, and none were handed out.)

I do not have the exact count of how many were present, but I do know that we have two rooms reserved and extra chairs had to be brought in.

MEETING NOTICES

DECEMBER 8th, Meeting of the D.V.A.R.C. meeting at Town Hall, Germantown Ave. and Haines Street at 8:00 P.M.

DECEMBER 14th, Board of Directors meeting at the QTH of W3CKP, Warren Parker, Doylestown, Pa. Directions; North on 611 to Cross Keys, make a left hand turn at the traffic light. There is a diner on your right hand side and a Mobile Station on the North West corner, in front of you and on your left hand side. Go over this road for 1 1/2 miles to Fountainville. There is a Unity Frankford store on the corner, in front of you and on your right hand side. Make a left hand turn here. Go over this road for 1 1/2 miles and when you see the sign, "Doylestown Nursery", turn right because that is his house. For heaven sake, if you get lost call him on the phone and let him know where you are, and he will tell you how to get to his QTH. His phone number is; FI. 8-3392.

DECEMBER 21st, Regular meeting of the club at the West Oak Lane Jewish Community Center, Sedgwick and Thouron Streets, on Wednesday, December 21st at 8:00 P.M. The theme of the meeting is "Round-up Time."

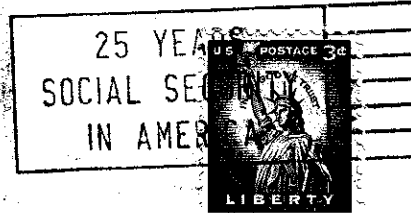
CHANGE OF ADDRESS

This first one we are repeating from last month because it got all "googly dooked" due to a crease in the stencil.

- K3GOZ, Herman Klein, 2600 Welsh Road, #39, Unit 2, Phila., 15, Pa. HO. 4-6555
- W3BQU, Howard Buerger, 330 Waverly Road, Glenside, Pa. TU. 6-4044 (Store)
- K3BGT, Harvey Rosen, 2345 S. Franklin Street, Phila., 48, Pa. HO. 2-1829
- W3GEC, Joseph Mehlretter, 737 Chandler St., Phila., 11, Pa. FI. 2-2267

Please cut these out and attatch to your membership list.

"PACK RATS CHEESE BITS"  
829 W. FISHERS AVE.  
PHILA. 41, PA.



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

**TIME VALUE**  
**MEETING NOTICE**