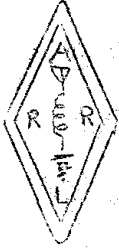


# PACK RATS' CHEESE BITS

MT. AIRY V.M.F. RADIO CLUB, INC., PHILA., PA.  
 (50.2, 145.2, 221.4, 432.3 & 1296.3 Mc.)



CLUB CALL: W3CCX  
 AFFILIATED CLUB: AMERICAN RADIO RELAY LEAGUE

EDITOR: HELEN BRICK, XYL, W3SAO

MEMBER: AMATEUR RADIO NEWS SERVICE

MEMBER CLUB: DELAWARE VALLEY COUNCIL of AMATEUR RADIO CLUBS

MEETING NOTICES: LAST PAGE  
 JUNE 1966

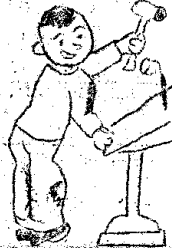


PACK RATS' FAMILY DAY and PICNIC: SUNDAY, AUGUST 14, 1966 (RAIN DATE: SUNDAY, AUGUST 21), FORT WASHINGTON STATE PARK, FLOURTOWN, PA. \$2.00 PER FAMILY

VOLUME IX

## OUR PREZ SEZ

NUMBER 3



The June meeting will be our election night. Make it your business to attend and cast your vote for those men you want to run the club. Nominations will be accepted at this meeting, so if there is someone you wish to nominate, check it out first with him and then his name can be brought up at the June meeting.

The last meeting was a well attended and good one. WJMDQ, Ed Tilton, VHF Editor of QST, was the principle speaker. He presented the ARRL gavel to Mt. Airy for, once again, winning the January Sweepstakes. He also presented He presented the ARRL certificated to K3IPM for highest score and W2EIF for Southern New Jersey high score. We are proud to have these men in the Pack Rats. Keep up the good work, Stan and Jo. Incidentally, Ed Tilton was very favorably impressed with the terrific club spirit that is displayed by the Pack Rats year after year. How it is done and why is due to a lot of dedicated club members who lead the way. The fact that all of us follow their lead, gives the answer.

Winner of the "Cheese Bits" article contest will be announced at the June meeting.

Remember that meetings will start promptly at 8 o'clock so plan to make it on time.

73, Doc, K3GAS

\*\*\*\*\*

Some side remarks by Ed Tilton: He didn't think that he would give us the gavel as there wasn't any room in the display case. He also said that they were thinking of changing the name to "Mt. Airy Contest." In July QST's report it states that W3CL, Harry had the highest score on 220.

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DEADLINE FOR ARTICLES IS THE 20th OF EACH MONTH.

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

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W2EIF, JOSEPH KILGORE  
#5 Sunnybrook Court,  
Stratford, NJ 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

CODE PRACTICE:

7:00 to 7:30 P.M., MONDAY thru FRIDAY, 50.2 Mc. by W3CL, Harry Stein

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: W3LFH, DAVID ZIMMERMAN  
W2AXU, JOHN POWER  
K3HSS, CHARLES LUSTICK  
W3ELI, GEORGE VAN DYKE, JR.  
K3CIV, RALPH HERSH  
(EX-OFFICIO)

\*\*\*\*\*  
\*#\*#\*#\* OFFICIAL NOTICE \*#\*#\*#\*

JUNE 15, 1966 ELECTION OF OFFICERS

The following members have been recommended by the Nominating Committee for Officers for the year 1966-1967. However, nominations have not been closed, and others will be accepted from the floor preceding the President's call for Election.

SLATE IN NEXT COLUMN

NOMINATIONS FOR YOUR CONSIDERATION

PRESIDENT: W2EIF, JOSEPH KILGORE  
VICE-PRES: W3LHF, DAVID ZIMMERMAN  
K3IPM, STANLEY SMITH  
COR. SEC.: W3SAO, FRANCIS BRICK  
REC. SEC.: K3OBY, JAMES BOWMAN  
TREASURER: W3MVF, DAVID BLOCH  
DIRECTORS: W3MFY, PRESTON FUNK  
K3WEU, PAUL BEHRMANN  
K3JJZ, ELLIOTT WEISMAN  
(VOTE FOR TWO)

JUNE 15, 1966 ELECTION OF OFFICERS

\*\*\*\*\*

JUNE BIRTHDAYS

K3LOM, HARRY; K3EQU, PAUL; K3IZU, JOHN;  
K3IUV, BERT.

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

(Ed, note: I am sure there are more birthdays but I do not have them on file. Perhaps the new members are too bashful to fill in the form or our membership chairman is slipping.)

\*\*\*\*\*

PHILA. COUNTY ARPSO

EC: K3FYS, MOLLIE SILVERSTEIN  
132 Colonial Street,  
Phila., PA 19120

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

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

Ed. Note; Unfortunately I am unable to give you a report regarding the Medical Society's Annual Disaster Medicine Drill on May 7, 1966 since Frankie was unable to attend the June 1 meeting due to a Church commitment. However, from the newspapers reports it was quite successful, BUT no mention was made regarding the ARPSO. Communications, yes, but no mention of who supplied them.

\*\*\*\*\*

NEED POWER FOR EMERGENCIES?

From the Tennessee Ham, Max Arnold, Ed.  
By K4CRT, via ARNS

In most every disaster there is a shortage of emergency power. We have overlooked the fact that generators are available for the asking from most construction companies in Memphis giving the E.C. and Assistant E.C.'s authority to use their generators in times of emergencies.

Ed, note: This is a good thing for all E.C.'s to keep in mind. Generators, I am sure, would also be loaned by the Bell Telephone Company. It would be a good idea for the E.C.'s to check with them now.

\*\*\*\*\*

REMEMBER THAT YOU ARE THE LIFE BLOOD OF AMATEUR RADIO IN ITS STRUGGLE FOR EXISTENCE, WHAT MAKES IT A SERVICE INSTEAD OF JUST A HOBBY, AND THE SOURCE OF WHATEVER IT IS OR ISN'T. via ARPSO FIELD BULLETIN #4

MOTHER NATURE DISCUSSES WITH HERSELF HER TIMETABLE FOR HOLDING DISASTERS!!

"Let's see, now would be a very good time to have an earthquake." "No, not now for it is the beginning of the Easter and Passover Holidays, and no one wants to take time out to be of assistance to the unfortunate." "Well, then lets just have a small flood." "No, can't do that either for that would interfere with someone's Thanksgiving." "I know, we can strand trains, busses and a whole town with a blizzard." "What do you mean, I can't do that either?" "Oh, you mean that people are too busy enjoying their own pleasure to lend a helping hand?" "The heck with them, let's do it anyway, and we'll do it them. They have the habit of saying, 'Disasters always happen to the other guy, not me.'" "Now, Mother Nature, you should know better than that. You are not following the 'Golden Rule', 'Do unto others as you would have others do unto you.'" "Why not let them worry about the 'Golden Rule' that's not my business."

\*\*\*\*\*

If you are wondering what prompted me to write the above, I will quote from the ARPS Field Bulletin #4; regarding the 1965 SET;

"Several critics mentioned the unfortunate incidence of the World Series baseball games on the same weekend as the SET, thereby possible restricting attendance. Some of the VEs also mentioned that this was the Canadian Thanksgiving weekend, which made it inconvenient for many Canadians to take part."

DON'T BE LURED AWAY FROM THE LASTING SATISFACTION OF PARTICIPATION IN PUBLIC SERVICE WORK BY THE MOMENTARY GLITTER OF OTHER FIELDS.

\*\*\*\*\*

May I suggest to ARRL not to hold the SET on any special weekend, but do like Mother Nature and call an SET anytime of the year. Everybody knows the rules, so just spring it on them. I thank you,

Mother Rat.

\*\*\*\*\*

ARRL BULLETINS

NR 58, MAY 3, 1966

By order dated April 25, 1966, the Federal Communications Commission has relaxed its requirements for filing a change of name or mailing address only. Effective May 20, 1966 if only the name or the mailing address has changed, the amateur may send a letter to the FCC, Gettysburg, Pa, 17325 setting forth the changes and keeping a copy of the letter with his license until the next renewal. Where the transmitter location is changed or the trustee of a club station is replaced, formal notification on Form 610 is still required. The fee for modification is two dollars and for a new trustee four dollars. Full details will appear in June QST. AR

NR 59, MAY 8, 1966

The ARRL Board of Directors met at Newington, Conn. May 6 and 7. Robert W. Denniston, W4NWJ, Midwest Division Director for the past ten years, was elected as President. First Vice President, Wayland M. Groves, W5NW, was reelected. Two new Vice Presidents are Charles G. Compton, W8BUD and Gilbert L. Crossley, W3YA, who will continue as Directors from the Dakota and Atlantic Divisions respectively. Compton, Crossley, Noel B. Eaton, VE3CJ and Carl L. Smith, W8BJ were named to the Executive Committee. New honorary Vice Presidents are Alex Reid, VE2BE and F.E. Handy, W1BDI. The Board ordered studies on the feasibility of changing power limits above 420 Mc, remote broadband translators above 144 Mc and advanced transmission techniques such as independent sidebands, pulse code and pulse width modulation.

The Articles of Association and By-Laws were extensively reviewed and brought up to date. Provision was made for absentee balloting, for a 30 day grace period for membership renewal and for associate family members. The Public Service Corps will have RACES as well as AREC and NTS among its branches. Other matters assigned for study are Life Membership, Membership Numbers and special pins for long term membership. The Board established an Annual Founders Week based on the birthdate of Hiram Percy Maxim, September 2, to promote public recognition of amateur radio. A membership campaign was approved, based on mutual cooperation with affiliated clubs. Additional information will be in the June issue of QST and the full minutes will be printed in the July issue. AR

NR 60, MAY 13, 1966

All VHF minded amateurs are cordially invited to participate in the ARRL June VHF QSO Party, June 11-12. Although the rules do not appear in June 1966 QST, they're identical to those of the VHF QSO Parties in June and September of 1965. Send for your convenient reporting forms which are not available from the ARRL Communications Department, 225 Main Street, Newington, CT 06111 AR

NR 62, MAY 26, 1966

A reciprocal operating agreement becomes effective immediately between France and the United States. Amateurs of one country visiting or residing in the other may obtain permission to operate their own amateur stations there. The agreement covers only metropolitan France, not the islands. The United States has previously reached reciprocal agreements with Australia, Belgium, Bolivia, Canada, Colombia, Costa Rica, the Dominican Republic, Ecuador, Luxembourg, Paraguay, Peru, Portugal, Sierra Leone and the United Kingdom. Many others are being negotiated and successes will be announced as they occur. AR

NR 61, MAY 19, 1966

(Ed. note: We purposely put this one out of order so that we could relate the caption of a cartoon appearing in the July issue of Electronics Illustrated.)

Attention DXers. Announcement is hereby made of the addition to the ARRL Countries List of Desroches. Formerly one of the Seychelles, Desroches is now one of the islands making up the British Indian Ocean Territories. Contacts made with Desroches stations November 10, 1965 or later will be counted as separate from the rest of the Seychelles. Honor Roll credits may be claimed for Desroches in September, all others in accordance with DXCC submissions as announced in January, 1966 DXCC Note. AR

(Now to describe the cartoon and the caption:)

The cartoon is of a YL sitting in a rocking chair, before her rig; "Calling CQ DX, CQ DX, CQ DX...except Cuba, Russia, Hungary, Romania, Poland, Bulgaria, China, Albania, East Germany, Yugoslavia..."

\*\*\*\*\*

MEET K3HWZ, GRANDDAD BILL McCUTCHEON

and

HIS VIEWS ON INCENTIVE LICENSING

About 1907 or 1908, I joined the Boy Scouts and, in these early years, I became accomplished in my ability to create a fire by rubbing sticks together, twirling them by hand, or using a bow. Subsequently, my emergency kit consisted of a piece of flint and a broken piece of file. Obviously, these were emergency items and would not be used if matches were available. As the years passed and I took up smoking, even the old wooden match was left by the wayside and today we have the modern book match, plus the flint and metal striker to ignite the familiar cigarette lighter. This latter compounded from the old flint-lock musket. Of course, the fuel in the nature of so-called lighter fluid is, in many instances, rapidly being replaced by the small pressurized containers of gas. Such is progress. I no longer carry two dry sticks for starting a fire.

Around 1909, or 1910, we youngsters had a rather elaborate telegraph system working in our block. Houses being connected with wires with a key and sounder very much in evidence clattering away with either a single dry cell or a wet battery made from an old mason jar, a piece of zinc and a hunk of carbon as a source of power. About 1912, the Scout Handbook disclosed the mysteries of the coherer and the decoherer. At last, we have something to eliminate the unsightly wires going from house to house. Construction was immediately started and almost completed when the lowly crystal detector came into being. My favorite piece of crystal in this instance was "galena" and this even held great promise with the event of voice reception in the early days of broadcast. I went on the air with a spark set in 1912 using my own initials, WAM, as call letters. In August, 1913, I took my ham examination at the 8th Radio District office in Buffalo, N.Y. and was assigned the call letters 8AED. My transmitter consisted of the usual high voltage transformer glass plate condensers and helix, together with a rotary spark gap. Everything was home-made with the exception of the motor for the spark gap and the head phones for the ears. Improvements in tuning and efficiency came along through experience and the hard knocks one encounters when money is at a premium and the neighbors don't like the interference of radio, or wireless, as it was called in those days. Of course, we also had a period of no transmission during World War I and, shortly thereafter Doctor Lee DeForest made his mark in the world with the audion tube which definitely changed the picture to a great extent by making voice transmission a possibility. This did not by any manner or means cancel out the use of code, either by amateurs or commercial interests, but, as you well know, it did bring broadcasting and reception in the homes. Code transmission by spark or CW was still the most economical way for amateurs to get going, taking less equipment and less knowledge and the flashing spark certainly had more romance to it than the lowly glowing vacuum tube. Nevertheless, progress was made and in 1924 my own ham set in Jamestown, N.Y. was used as a broadcast transmitter at the opening of the Hotel Jamestown as it went on the air on our assigned frequency with the call letters WOCL. The switch was thrown from CW to phone, and with

(next page)

(4)

that particular piece of equipment, it never was thrown back. The station is still operating today, of course with much different equipment and under different call letters.

As the years passed, my interest in radio followed the trend of development and in 1929 when I went to New Zealand, I procured a license with call letters 2L2XX, an experimental commercial station which relayed on short waves the broadcasts emanating from one of the local stations in Wellington, N.Z.

In 1933, I moved to Australia and took out a license having call letters VK2DX, using the same transmitter I constructed in New Zealand being a 250 watt job capable of transmitting from 20 through 80 meters. The only CW contacts I had with this rig were with the U.S. All other transmissions, both local in New Zealand and Australia, and between the two countries, were by way of voice. I did not feel at that time, nor do I now feel, that any particular proficiency with respect to transmitting and receiving code signals had anything to do with my ability as a ham and, although at the present time I only hold a technician license, I can in no way see where increasing my speed for code operation will benefit or size me with an incentive to progress further with my experimentation, such as it may be.

As things stand at the present time, due to my age and financial resources, I am not in the hobby of amateur radio for elaborate construction problems, such as building a complete transmitter or receiver. I do get a kick out of devising some particular electro-mechanical device wherein results can be achieved in a relatively short time, say three or four weeks, and the fruits of this program will be useful to me. One of these items happens to be my electrically operated halo, which can be raised and lowered from the interior of the car allowing me to get into the garage without elaborate dismantling processes. My code speed has nothing whatsoever to do with this, or my technician license, or my ability and desire to experiment and create as well as solve problems. So much for progress.

In closing, let me say that the reexamination and allocation of licenses and the classification of licenses with respect to the grading, is far removed from the principles our forefathers have fought for down through the years. This rather looks like a person who has the desire and ability to drive a racing car in Indianapolis, maybe even going so far as to build his own engine. Having accomplished this he will now get a Penna. or some other state license with a plate bearing the normal letters but also the letters "RDEB", which translated means Racing Driver and Eggine Builder. A very commendable effort, I must say, but is that going to keep him from double parking, jumping the light or preserving safety on Roosevelt Boulevard? Is the incentive to become a racing driver going to make him a better man on the road?

I think it is time we exercised the principles of civil rights in FCC licensing.

There are those who like to ride a horse for a hobby and for pleasure. Does this mean they have to do that in order to get an automobile license? Is it going to make him a better driver? We keep candles in our house for emergency use, but immediately the current comes back, normal electric lights take over. Candles are used mainly for decorating purposes at other times.

Summing it up, let's make progress our incentive, rather than reversing our procedures.

\*\*\*\*\*

(Ed. note: Why don't more of you write how you feel about it, only don't send them to me, send them to your ARRL Director or the FCC. However, if you wish to have them printed send me a copy.)

\*\*\*\*\*

K.U.I.

By W3HKZ, Ed Kushner

HAMS FIGHT TO KEEP FREQUENCIES By Michael Cody, Fairchild News Service

BOSTON.-- VVV CQ de W1HOM Or this the "ham of the year" calling all amateurs.

And some 4,000 amateur radio operators answered the call last week to the American Radio Relay League convention here at the Sheraton Boston Hotel.

Foremost on their minds was the possibility that some of their choice operating frequencies would be allocated by the International Telecommunications Union in Geneva to newly emerging nations of Africa and South America.

The league is determined to keep its frequencies by seeking to raise members operating standards and is expected to receive strong backing from the U.S. Government.

The "ham of the year" award was given to Adelbert Zwink of Arlington, Mass. for his work in aiding disabled hams to build and operate new equipment.

Mr. Zwink is a captain for Northeast Airlines.

(Next page)

Gerald G. Gross, former secretary-general of the ITU, told Electronic News "If the ITU did take away these amateur frequencies the United States would probably consider pulling out of the organization." Mr. Gross said the Government historically has supported the amateur radio movement and feels its importance in time of disaster or war would be too great to sacrifice.

These new nations do not need the frequencies anyway, he added. Presently certain frequencies are set aside for shipping, aircraft, organizations such as Radio Free Europe, the Voice of America and Radio Moscow.

It's in the latter category that the emerging countries are looking for a "voice to the world."

Mr. Gross feels that they should first build a sound communications network within their own country so they can communicate with each other before taking on the world.

Herbert Hoover, Jr., retiring president of ARRL said in an interview that pressure is strong for amateur frequencies. He said the move the league is making toward raising its standards should strengthen amateur radio's position in retaining these frequencies. He also cited the probability of strong Government support.

The average ham is looking at the proposed changes in somewhat narrower terms. He is concerned with the proposed new regulations the league has submitted to the Federal Communications Commission and to which the FCC has added, among other proposals, the changing of call signs.

From Electronic News, Monday, May 2, 1966

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From W5MS Bulletin, Corpus Christi ARC, WA5AUB Ed.

(The article has no title but I would entitle it, THE UNFORTUNATE SHADOW CAST BY AMATEUR RADIO. Ed.)

Instead of news I would like to use the column this month (April) to discuss two instances which have resulted in unfavorable publicity for amateur radio.

First, the report which was alledged to have come from a tanker in the Gulf Of Mexico and was relayed by an amateur in Slidell, Louisiana to the Coast Guard. The report indicated that the tanker was on fire and in serious difficulty and requested immediate aid. The Navy and Coast Guard were unable to locate any burning tanker. A tanker bearing the name given in the report was in the Gulf at the time but arrived in port safely without any fire. Inspection of the ship's logs indicated that none of the ship's transmitters were in use at the time the report was broadcast. The false report was transmitted about 7215 in CW. The operator making the transmission was an experienced operator, using nautical terminology, and the only thing omitted was a call sign; he used the ship's name. As is usually the case, the perpetrator of this hoax has not been discovered and the unfavorable publicity has been directed at the amateur relaying the message.

I was indirectly involved in the second incident. A friend of mine has a son in Viet Nam and several weeks ago I sent a message to her son via the 7290 net. About five days later an answering message was received here in Corpus Christi by a MARS Operator who telephoned my friend and delivered the message. Up to this time everything was just as it should be.

A short time later this lady told me that she had gotten three more telephone calls supposedly relaying messages to her from her son in Viet Nam. The messages reported travel in the War Zone which was quite hazardous and they caused her considerable worry. The caller in each instance refused to identify himself other than to say that he was a "ham operator" in Corpus Christi. She has telephoned the MARS Operator who delivered the first message and he has not received any more messages for her and did not know anything about the calls she received. When she found out how many amateurs there are in Corpus Christi she was quite discouraged about ever finding out who made the calls. Again, there is apparently no way to trace the perpetrator of this cruel hoax, but I sure wish there was.

73, Slim, K5PNC

WA5AUB's comment: If you hear of any instance similar to this, please advise the party receiving the message that any amateur delivering a valid message will properly identify himself. If the person receiving the message has any doubt about its authenticity they should request the name, address and telephone number of the caller. They should then hang up and call the telephone number for confirmation of the message. If the message is not confirmed, then it is definitely the work of a crank and should be reported to the police.

\*\*\*\*\*

PACK RATS' FAMILY DAY & PICNIC, SUNDAY, AUGUST 14, (RAIN DATE, AUGUST 21)  
FORT WASHINGTON STATE PARK, FLOURTOWN, PA. \$2.00 per family.

A LADIES' NIGHT CASUALTY

By K3JJZ, Elliott Weisman

Many things happened on Ladies' Night as those who were there already know. The food was good, as was the music, atmosphere, prizes and most of all, the company. A special "Hats off" to the committee for a great job.

Now to the casualty. All was well up thru the dinner hour and even up to the time Harvey Stone started to play. This writer is not too fond of dancing, while, of course, the XYL enjoys it tremendously. Well, anyhow, it seems like my XYL teamed up with the Pack Rat of the Year, our own W3CL, in what is probably the world's weirdest conspiracy. She told him that I wasn't going to dance and that I needed one of those free dance certificates. It's bad enough that the XYL spouts off to Harry like that, but this guy, Harry, he's something else altogether. (I mean besides the Rat of the Year.) He goes up to the PA system and announces that K3JJZ has requested the dancing lessons. By this time, the only thing that K3JJZ was requesting, was a case of laryngitis for W3CL.

Now, what would you have done???

There I was, betrayed by the XYL (That's understandable, it happens all the time) and second by a brother rat. (That's not understandable, unless it was because he imbibed too much).

I danced??? Laugh, if you will, I staggered thru everything from the Hokey-Pokey to the Mexican Hat Dance! I danced so much that I worked myself into an ingrown toenail. Consequently I missed the 6 meter net on the Monday following Monday. I was at the local sawbones getting chopped up a little bit.

So, here I sit with my foot in a bowl of water, the first casualty of Ladies' Night, a victim of my own XYL and the Pack Rat of the Year.

\*\*\*\*\*

RESULTS OF TRANSMITTER HUNT

MAY 22, 1966

THE HIDDEN RATS: W3KKN, Ernie, W3HKZ, Ed and K3HWZ, Grandpop Bill

THE SEEKING CATS: 2 METERS

- K3IUV, Bert
- K3JJZ, El
- K3EOD, Al
- K3UJD, Mario
- W3CJU, Don
- W3VGN, Harvey, on motorcycle.

6 METERS

- K3ACR, Rich
- K3LOM, Harry
- K3IHZ, John & family
- K3IPM, Stan
- W3CAG, Dave
- W3HAB, Monroe
- K3ZVD, Jim
- K3IGX, Dick
- K3OBY, Jim
- W3MFY, Pres
- W3CL, Harry
- K3GQJ, Jack & XYL, Janet

No. 1- K3IUV, K3JJZ, & K3EOD; a team,  
Prize donated by Trevoze Electronics

\*\*\*\*\*

W3MFY & W3CL were just across the road  
and still couldn't find it.

\*\*\*\*\*

No. 1- K3ACR & K3LOM; a team.

Prize donated by Kass Electronics

\*\*\*\*\*

The host for the hunt was W3ORC, Tom Tomlinson an ex-Pack Rat and the transmitter was hidden on the grounds of the Kuhn Day Camp of the College Settlement Farms, Witmer Road, Horsham, Pa.

As an incentive to attend the hunts, plans are for two a month, W3MFY, Pres, owner of Trevoze Electronics is offering a prize of a trip for two to Florida to the one who comes in first the most times. Passage not included.

The two meter team found it at 2:10 P.M., and the six meter team found it at 2:30 P.M. with the team of K3IPM & W3CAG just one minute behind them.

\*\*\*\*\*

DID YOU KNOW

That K3CIV, Ralph Hersh fell and broke his shoulder and is in the infirmary at the Home for Jewish Aged, 5301 York Road, Phila., PA 19141? Send him a card.

That Susie, XYL, of W2EIF, is home from the hospital, following a check-up? OK, Susie, let's stick to the diet.

That W3AQ, Doc Kline, the Old Timer that you sent get well cards to, passed away on May, 6, 1966? Our sympathy to his XYL and three daughters.

That Helen, the XYL of W3JVD, Fred and mother of K3VPP, John, ex-Pack Rats, passed away on May 5, 1966 following a one day illness? Our sincere sympathy to Fred, John and the girls.



From April, 1966 "Auto Call", W3NL Andy Anderson, Ed.

THE OLD GROUCH: Anonymous

The FCC, in granting a license to any radio station is required, by law, to establish that it will serve the purposes of public interest, convenience and necessity. In the amateur service (as in certain other services) it was established as general policy that any amateur station would qualify under these terms, and each station therefore would not be required individually, to prove it! Contrast this with BC station who are required, in individual cases, to prove it!

The general policy of the FCC is based upon many factors among which are: DX (maintaining cordial foreign relations); Nets (training in message handling and establishment of "ready" circuits); Experimentation; Propagation experiments (Troposcatter was "discovered" by the VHF boys); and many others.

Whether you believe in any of the above or not - you'd better, or else you had better be prepared to prove that your own station qualifies on its own merits.

Some amateurs (and it isn't always the other fellow) are content to do nothing which would qualify his station under the general policy. They hold their nose at the DX boys; they care nothing about nets or traffic handling; they never build a thing; and they wouldn't recognize their own call on CW. Some even go father. The FCC found it necessary to revoke the license of an operator who insisted on his constitutional rights to a frequency upon which a net operated. He thus committed "deliberate interference." After all, this IS going a bit too far - when one operator negates the efforts of 20 or 30, it's time for action.

What would YOU do if the FCC suddenly required each amateur to individually prove his own contribution to Public Interest, Convenience and Necessity? Could you point to worthwhile achievements or would you be forced to admit that nothing in your operating was of sufficient importance that the country could just as well get along without YOU?

\*\*\*\*\*

THE OLD GROUCH, from May, 1966 "Auto Call"

The subject which I desire to belabor this month is one which has been mentioned only in passing previously, but which has now become so important that it is the subject of a recent release by the FCC. I refer to the widespread use, generally by juveniles, of the so-called "pocket transceivers" which are operated as "non-licensed" equipment with a supposed limit of 100 milliwatts input power on AM broadcast and on the Class D frequency in the Citizen's Band. The units are available in a wide range of price, and carry manufacturers' certification, which is applicable to their use without modification of any kind and with only the whip antenna originally furnished with them. If so used, they satisfy the requirements of Part 15 of the FCC rules which permits their use for a very limited range communications.

Some of these units, such as phonograph oscillators, "baby sitters" and the like, which operate on the AM broadcast band, can, by ingenious youngsters, be transformed into "pee-wee broadcasting" stations, as the FCC terms them in an information bulletin issued in April 1966. The radiation, under FCC formula, is supposed to be limited to 300 ft. or less, but only a slight modification such as lengthening the antenna, can cause radiation for in excess of that permitted by the Rules and cause serious interference to a variety of regular radio services.

More than one report of interference originating with the "walkie-talkie" type of minipower CB equipment, of which so many units found their way into the Christmas stockings of youngsters recently, has been traced to the ingenuity of the user who hooked the unit up to the family television antenna! This not only enhanced the power output but also upset the frequency stability so that the signal was found at several spots up and down the dial of a good communications receiver. In one case, not only was this interference produced, but it was so bad that a near-by amateur was accused of causing it. Since there is no requirement for the users of this type of equipment to identify themselves, it became a real problem to trace the source of the interference.

One contributing factor to these troubles is, in my opinion, the failure of dealers (and manufacturers) to clearly indicate the fact that the equipment, if certified by the manufacturer, must be used without modification of any sort and also that quite a variety of equipment is available from mail-order and other sources which is not certified as required by FCC rules. All of these units, under penalty, be certified before being used, and can get the unsuspecting buyer in trouble. Serious cases of interference may be subject



the offender to fines up to \$10,000 and a year's imprisonment under the provisions of the Communications Act.

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From "W6SD Carrier", W6UEI, Arnold Dahlman, Ed.

#### VHF CONTESTS

From the April 1966 issue (page 39) of CQ Magazine, we find again the usual bias in VHF Contests. Evidently both CQ and QST still believe the Eastern states should take all top honors in all of their magazine sponsored VHF Contests.

As an example, where in any Western state could you find a location to work 47 counties on 2 meters, or 85 counties on 6 meters, that have active VHF amateurs in them? If you worked every county in California you would still 25 more to make 85 counties total, as "CQ" records a N.J. station did in their past VHF Contest.

When one analyses the number of counties or ARRL sections in a given distance how could any Western station hope to take national honors. It is impossible. Take another look at the terrain between the stations; Eastern; rolling hills, fiat plains, etc. vs. mountain ranges, valleys, etc. of Western states.

Are either CQ or QST VHF Contest really competitive nationwide? Like heck they are!

Another frustrated K6 VHF Contester.

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COMMENTS on above protest by W2AXU

Helen:

The enclosed is an interesting viewpoint on VHF Contests from the other side of the states. I have said, in the past, that a club or individual, situated in the area we live in, if they are active in any of the contests, cannot possibly lose them. The Contests are constituted in heavy favor of East coast stations and especially for the Philadelphia, New York City area. The article should provoke a bit of thought.

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#### THIS EDITOR'S COMMENTS

Both of the above articles are just and valid complaints, but I notice that neither Jack nor "Frustrated K6 VHF Contester" suggested any constructive solution.

As Mother Rat, I would be lying if I said I was not proud that the Pack Rats have been number one for the past six years, but I have always felt, and stated many times, that the contest was unfair to the states which are not as heavily populated, or having the same transmitting conditions as the East coast.

One solution that I would like to offer is; divide the contest into the time zones and have a winner in each time zone for the highest scoring club. You would not have a national winner but the contest would be more equal.

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#### ANY DOUBTS NOW?

From "Ham Shack Gossip", W6RZM, Dorothy & W6RZM, Fran Higgins, Sr., Eds.

On March 15, 1966, a letter was forwarded to the FCC asking information on the questions listed below:

1. With reference to using a duplicated or photocopy of your license when operating mobile. Would the Commission, for the purpose of mobile operation only, recognize a duly authenticated photocopy or other duplication method which would include a sworn and notarized statement attesting to the exact duplication of the original instrument of authority?
2. Finding no specific listing of fee to be sent when applying for a duplicate license in the Rules, the fee charged in this case was questioned.
3. In the event of wanting to apply to the Commission for possible rule change, we asked about the procedure.

On April 19, 1966, the following answer was received:

"This is in reply to your letter of March 15, 1966:

You are advised that Section 97.83 of the Commission's rules requires the operator of an amateur mobile station to have his amateur license in his possession when operating such station.

If an amateur license is lost, mutilated, or destroyed, the applicant may request a duplicate license by letter. There is no fee for a duplicate license. See Section 97.57 of the rules.

Very truly your,  
/s/ Ben F. Waple, Secretary (FCC)

This is the answer to the discussions concerning carrying a copy of your license. You must carry the ORIGINAL operator's license with you when operating mobile. (Section 97.83).

I hope this will clarify the situation for many mobileers.

73, W8TKS, Paul Lentz

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PACK RATS ATTENDING DINNER MEETING OF PHIL-MONT

MAY 2, 1966

AT THE DINNER: K3WQJ, Bruce; WA3BIV, Carl; W3CL, Harry; W3HKZ, Ed; K3DLS, Carl; W3KKN, Ernie and Xyl, W3TNP, Bert; W3SAD, Frankie and Mother Rat; W3MFY, Pres; WA3CAG, Dave; and W3HFY, Hal and XY L, Grace.

AT THE MEETING AFTER THE DINNER: K3GAS, Doc; W3MVF, Dave; K3HSS, Charlie; K3DUW, Alan; W3FZQ, Walt; and K3ZPQ, Bob.

From the latest edition of the "Blurb" we see that there were about 175 at the dinner and about 100 more at the meeting. Our thanks to the Phil-Mont Mobile Radio Club for a fine dinner and a fine program.

The Pack Rats came away with two and one-third prizes. WA3CAG, Dave won a Lafayette all band receiver; W3MVF, Dave won Heath log books and W3HFY, Hal won a book on Electronic Construction. He was the one-third Pack Rat as he is also a member of the Mobile Sixers and Phil-Mont.

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LATE ARRL BULLETIN

NR 63, JUNE 2, 1966

As a result of studies and recommendations by the Amateur Radio Service Subcommittee of the National Industry Advisory Committee, FCC on May 26 issued public notice approving all outstanding RACES plans as interim plans for the Amateur Radio Service. To that end, state and local civil defense directors should submit two copies of present RACES plans to their regional director, Office of Civil Defense, not later than Aug. 1, 1966, for transmittal to NIAC. Others are also requested to submit requirements for amateur radio emergency communications services to the Executive Secretary, NIAC, FCC, Washington, DC by Aug. 1, 1966. July QST ARPSC will have full details. AR

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SOUTH JERSEY RADIO ASSOCIATION'S 50th ANNIVERSARY DINNER

SEPTEMBER 10th, 1966 IVYSTONE INN

Clubs in groups of 10 or more will be seated at one table. Club price \$6.95 each. Individual price \$7.50 each. Get your reservations in early.  
CONTACT: W2VX, Charlie Jenkins; 1-609-456-5991

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COMING PROGRAMS

- JUNE 15 K3IUV, Bert Soltoff talks on Weather Satellites
- JULY 20 NASA FILMS OF GEMINI IX (we hope), QTH of W3JSD, John Houser
- AUGUST 17 WHITE ELEPHANT SALE: QTH, W3MFY, Pres Funk
- SEPTEMBER 21 AUCTION SALE: QTH, W3LHF, Dave Zimmerman

Make plans now to attend these meetings.

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PACK RATS THEME SONG

Tramp, tramp, tramp the Rats are marching,  
Chomp, chomp, chomping on their cheese,  
K3UJD, Mario promised to provide the rest of the words. Anyone care to help him?

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FAMILY DAY AND PICNIC

SUNDAY, AUGUST 14, 1966 (RAIN DATE: AUGUST 21) FORT WASHINGTON STATE PARK FLOURTOWN, PA. LEAVE THE PA. TURNPIKE AT FORT WASHINGTON EXIT AND FOLLOW RAT SIGNS ON ROUTE 309. PRICE: \$2.00 PER FAMILY. NO ALCHOLIC BEVERAGES. MORE DETAILS NEXT MONTH.

SWAP & SHOPPE

Conducted by: W3ZRR, Raymond Whitehead  
4534 N. Smedley Street,  
Phila., PA 19140  
215- DA. 4-5910

FOR SALE: BC-221 Frequency meter,  
excellent condition  
Regulated Power Supply,  
original calibration book  
\$60.00

CONTACT: Paul Oliver  
215- OS. 5-7547

FOR SALE: Collins 75A-1 receiver with  
Barker-Williamson single side  
band adaptor, includes  
speaker. \$185.00

CONTACT: W 20AD, Will Power  
35 Sunset Avenue,  
W. Trenton, NJ 08628  
1-609-882-7956

or  
W2AXU, John Power  
25 Van Duyn Drive,  
Trenton, NJ 08618  
1-609-882-1040

FOR SALE: Girl's bike, 3 speed  
Roto-Broil deep fat fryer  
Rotisserie Broiler  
"Q" gauge trains and track  
Make offer

CONTACT: K3GAS, Doc Cutler  
7815 New Second Street,  
Phila., PA 19117  
215- ME. 5-1078

FOR SALE: Ameco TX62  
Ameco VFD 621 \$165.00  
B & W 5100 B \$150.00

CONTACT: W3FPC  
9748 Clark Street  
Phila., PA 19152  
215- OR 7-2573

FOR SALE: 40' triangular aluminum  
tower \$30.00  
Intercom "DuKane" 10 station  
master and one remote \$15.00  
100 W 2 meter & 6 meter  
transmitter complete with  
power supply, modulators,  
meters. Mounted in 4' rack  
cabinet on wheels \$85.00  
BC696A Transmitter 3.5-4.0  
Mc. \$15.00  
Crescent Electronic Sect'y  
(wire recorder) complete  
with foot switch, mike and  
wire. \$20.00  
Sola constant voltage trans-  
former. Primary 95-125 V;  
Secondary 115 V @ 1.04 amps.  
\$10.00  
"Q" multiplier \$ .50

CONTACT: W3GXB, Bob Fox  
305 Quigley Avenue,  
Willow Grove, PA 19090  
215-OL. 9-3219

FOR SALE: GE World Monitor receiver  
17 Transsistors, 3 diodes  
OR long wave AM, FM & ASC  
TRADE 1.8 to 18 MC worth \$120.00

CONTACT: WB2SZK, RANDY J, BYNUM  
21 W. Temple Avenue,  
Stratford, NJ 08084

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MEETING DATES

<u>DIRECTORS</u>	<u>GENERAL</u>
JUNE 8	JUNE 15
JULY 13	JULY 20
AUG. 10	AUG. 17
SEPT. 14	SEPT. 21

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GENERAL MEETINGS ARE HELD ON THE THIRD  
WEDNESDAY OF EACH MONTH, WHEN POSSIBLE  
AT THE WEST OAK LANE COMMUNITY CENTER,  
SEDGWICK & THOURON STREETS, MT. AIRY,  
PHILA., PA. AT 8:00 P.M. EXCEPTIONS,  
JULY, AUGUST & SEPTEMBER, THEN AT  
DESIGNATED LOCATIONS.

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MEETING NOTICES

- JUNE 8 DIRECTORS' MEETING will be held at the QTH of W3MFY, Pres Funk, 4850 Magnolia Avenue, Trevoze, Pa. Call 215- EL. 7-1876 for directions. 8:00 P.M.
- JUNE 15 GENERAL MEETING at 8:00 P.M. Speaker: K3IUV, Bert Soltoff  
Topic: Weather Satellites
- JULY 6 PHILA COUNTY ARPSO meeting at 6:00 P.M. Telephone alerting system for location

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CHANGES OF ADDRESS

W320AD, WILL POWER  
35 Sunset Avenue,  
West Trenton, NJ 08628  
1-609-882-7956  
W3ACR, RICH PATTISON  
717 Paxson Avenue,  
Wyncote, PA 19095

Add BOX 57 to the address of W3MXU, Joe.

NEW MEMBER

WA3CND, HOWARD CANDY  
(Sorry, that's all the information I have. Frankie either forgot to get the application, or Harry forgot to give it to him.)

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Frankie wanted a memory for Memorial Day, so I bopped him in the eye. He has a beaut. Wait 'til you hear his alibi.

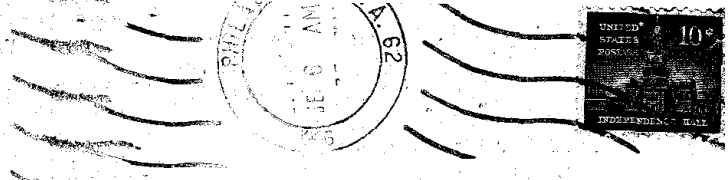
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RETIRED MEMBER

K3QFQ, George Paxton

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301 W. Lindley Ave.,  
Phila., Pa. 19141



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

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MEETING NOTICE

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