



PACK RATS' CHEESE BITS



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

(50.2; 145.2; 221.4; 432.2 & 1296.4 MC)

CLUB CALL: W3CCX

AFFILIATED MEMBER: AMERICAN RADIO RELAY LEAGUE

EDITOR: HELEN BRICK, XYL, W3SAD

(MEETING NOTICES: LAST PAGE)



VOLUME VII

NOVEMBER 1964

NUMBER 8

OUR PREZ SEZ



January is creeping up on us, start making yourself known on as many bands as you can. GET ON THE AIR! CHECK INTO THE NETS!

The cold winter weather will be arriving soon and I for one am not looking forward to it. Those of us who travelled to the Syracuse Roundup, received a taste of winter weather. Cold, rainy and snowy was the order of the day. However there were enough 807's to keep everyone in good spirits.

Our October meeting was a humdinger, as promised. What with Gil Crossley, answering questions (?) and showing slides of the progress of the new building from start to finish and Ed Tilton showing his transistorized 6 meter transmitter and our surprise guest, Al Breiner, the E. Pa. SCM.

No one has, at this time, sent in anything for the Gripe Column. I can only surmise that there are no Gripes. That's fine!

New call lists and maps showing members QTH directions are being prepared and will be distributed in due course.

The next few meetings are of great importance and it behooves each of you to get to the meetings. The next best thing is to check in and listen to the various nets.

We are getting ready to form a 432 MC group. information can be obtained from K3IUV, Bert, who was instrumental in getting the surplus gear together.

Don't forget to give your help, when asked, to W3LHF, Dave, who is the "big mahoff" for our January contest.

SILENT KEY

W3AYG, JOHN HARRIS

OCTOBER 22, 1964

"THE LORD GIVETH
AND THE LORD TAKETH AWAY"

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

10¢ a copy \$1.00 a year

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

DEADLINE FOR ARTICLES: 20th of the
month.

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

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

DIRECTORS meetings are held the second
Wednesday of each month at
designated locations.

AWARDS CHAIRMAN:
W2EIF, JOSEPH KILGORE
5 Sunnybrook Court,
Stratford, New Jersey 08084

MONDAY NIGHT NETS:
8:00 P.M. - 145.2
9:00 P.M. - 50.7
10:00 P.M. - 221.4

OFFICERS: 1964 - 1965

PRESIDENT: K3GAS, DOC GUTLER
VICE-PRES: W2EIF, JOSEPH KILGORE
COR. SEC.: W3SAO, FRANCIS BRICK
REC. SEC.: W3HAS, MONROE POWELL
TREASURER: W3MVF, DAVID BLOCH

DIRECTORS: K3HWZ, BILL McCUTCHEON
W2AXU, JACK POWER
W3LHF, DAVID ZIMMERMAN
W3FSC, OSCAR JACOBY
K3CIV, RALPH HERSH
(EX-OFFICIO)

NOVEMBER BIRTHDAYS

Happy Birthday to the following Rats:

K3ABK, Sam; K3WEU, Paul; K2QOS, Mike;
W3UMI, Willie; K3BRJ, Jack and W3IHT,
Doc.

PHILA. COUNTY AREC MEETINGS

PLANNING COMMITTEE: WEDNESDAY, November
25, 8:00 P.M.

GENERAL MEETING: WEDNESDAY, December,
2, 8:00 P.M.

MEETING PLACE: GILBERT SPRUANCE SCHOOL
LEVICK & HORROCKS STS.

SILENT KEY

W3AYG, John Harris, November 6, 1906 -
October 22, 1964. Became a Pack Rat
on April 17, 1957 and was the President
of the Delaware Valley Council of Ama-
teur Radio Clubs. John was also a mem-
ber of the now defunct Phila. Hi-Freq

Radio Club. He will be sadly missed
by all.

We extend our sincere sympathy to his
XYL, Polly.

ARRL BULLETINS:

NR. 975, October 22, 1964

Once again ARRL reminds League Affili-
ated Clubs and their members of the
continuing availability of training
aids designed to enhance club educa-
tion and interest. The Training Aids
Library includes technical films, film
strips and slide collections as well
as quizzes and tape recordings on many
phases of amateur radio technique,
operation and history. ARRL Affili-
ated Club officers should request for
training aids well in advance of the
date required. Full information is
available from ARRL Communications
Department, 225 Main Street, Newington
Conn. 06111

NR. 976, October 29, 1964

The annual ARRL cross indexed Net Di-
rectory is now ready for distribution
and copies are being mailed to those
who have requests on file. Other
copies will be mailed only upon speci-
fic request. There is no automatic
mailing list. If you want a copy of
the new ARRL Net Directory, mail or
radio request to the ARRL Communica-
tions Department.

EDITORS CORNER

Received the following from our "Blue-
bird of Happiness", W3JAY, Doc Nichols.
From the New England Medical Journal,
October 8, 1964

ATTENTION OF HAM RADIO OPERATORS

To the Editor: Among the several hun-
dred thousands amateur radio operators
active in America and abroad, a sub-
stantial number are licensed physicians
and dentists. There have been several
attempts to compile a directory, such
as the unfortunately incomplete list
published recently in a medical news-
letter. In loose collaboration with
the national amateur organization and
several other physicians, I have under-
taken a new listing and should greatly
appreciate hearing from physicians and
dentists who possess ham licenses. I
hope that if the response is sufficient-
ly great, a listing may be distributed
among the communicants.

Benjamin L Toy, M.D.
Brookline, Mass.

(To the other four "Docs" in the Pack
Rats, Mother Rat has taken it upon her-
self to send in your call for Dr. Toy's
listing. We have enough different docs
to take care of you from "head to toe",
and as our "Bluebird" says, "All we
need is an Undertaker." Is that to
take care of the doctor's mistake, Doc?)

We request that our exchange editors
reprint the above letter to lend Dr.
Toy a helping hand.

NEW PRODUCTS OF INTEREST TO HAMS

By W3NSI, Lyn Rowland, Jr.

1. Pilot Light

Sylvania Electric now has a miniature pilot light that operates on direct line voltage. The bulb size is a T2 and the lamp is rated at a minimum life of 3000 hours. Each light comes as a complete packaged unit including lamp, housing and lens cap.

Lighting Div. Sylvania Electric Products, Inc.
Boston St. #., Salem, Mass.

2. Convenient Outlet Box

E M Manufacturing Co., Inc. has a new control box containing 6 outlets, a circuit breaker, a neon indicator lamp and a toggle switch. Available as model 64 for ungrounded plugs or model 86 for both types of plugs, and also an industrial heavy duty type model 87 for 20 amps.

Prices run \$7.95-9.96-17.95 in order of models.

3. Stainless Steel hardware

Star S S Screw Co. stocks all types of fittings and hardware, some types or pieces of some interest to hams, for antennas at least. Besides nuts, bolts, washers, studs, screws and cotter pins, a line of U bolts are available such as are used on the better grade of ham beams. Hinges, handles and eye bolts also in stock. Catalog available from Manufacturer.

Star Stainless Screw Company
135 East Railway Avenue,
Paterson, 3, N.J.

TWO METER ACTIVITY

By W3LHF, Dave Zimmerman

Well, gang, another month has rolled around and I'm not in much better shape to give you real authoritative dope on the condition and openings on the old band. Much time has been spent at W3LHF in pursuits other than ham, and in spite of the fact that I'm not buried in the shack nightly, I just don't seem to have enough time.

Some of the gang has been getting on more often, I'm told, and maybe we need a more active two meter man as my replacement! Any volunteers? Not likely, but speak up if so. (Better duck, Dave, before you get knocked over in the rush. M.R.)

Hear by the grape vine, that W3IBH has a new mobile antenna and puts a fine signal into everywhere south of Timbuktu. The rig sounds good from here, Chas., so don't let them tell you otherwise. It's only the home rig that is modulated 200 percent! But don't let that bother you, Chas., the fellows in North Jersey don't complain a bit.

Tried to get some info from K2BNK about this month's news, but he clammed up for he said a few of the gang razed him. Don't know who would do a thing like that. Did get a report that W2GO, Al, in Linden, N.J. and he sez that the morning activity is about the same. Four or five guys with a few openings up into the Albany area. How about a few of you fellows getting on for a minute or so in the morning from 7 to 8 now that we have the extra hour left over from our summer funny time?

The new issue of QST, otherwise known as the Quarterly Stone Tablet, has some info on a system of SSB generation that may be a way for some to get on 2 or 6 SSB quick and dirty like. My experience with RF phasing systems at the lower frequencies creates a doubt, but maybe someone can show me up by building one!

. That's it for now..... 73

UHF REPORT

By K3IUU, Bert Soltoff

Activity on the 220 band continues at a rapid pace, with the weekly net attracting 15 or more stations each week. The nightly QSO's on 221.4 have included a lot of talk about 432 converters and transmitters. If all the stations that are planning to get on 432 finish their gear shortly, there may be a QRM problem on that band. On 432, W3HIX, John, was worked with a rather weak signal from Quakertown, Pa. John is on 432.243, and has since increased both power and modulation. He will be glad to set up schedules for contacts.

The "Link" transceivers, which were ordered by many of the club members, were picked up this month by a safari which included W2EIF, W2AXU, K3UJO and K3IUU

Eighteen advance orders were received, and eighteen units were purchased. After returning home, as usually happens, we heard cries of "why didn't you get one for me?" Fellows, there was adequate advance notice so please don't complain.

Regarding the "Link" units, they should be real easy to get operating. The original transmitter crystal frequency was in the 4 mc region. The oscillator tube is an untuned stage, which drives a tuned amplifier at 4 mc (T1). This in turn drives a tripler to 12 mc (T2). Since 4 mc crystals are a little difficult to obtain on the surplus market, we obtained 6 mc crystals. Using these requires T1 to be tuned to 6 mc, and then the next stage doubles to 12 mc (T2). You should be able to tune T1 to 6 mc by turning the slug all the way to the top. If it still won't peak, I suggest removing the capacitor that is built into the can, or replacing the coil with a new one mounted under the chassis. Incidentally, when adjusting the slugs in the transmitter or receiver coils, be careful to use a close fitting alignment tool to prevent stripping the slot. The tool should be 1/8" in diameter.

Next month we'll have some tips on the receiver conversion.

K. U. I.

By W3HKZ, Ed Kushner

From "Broadcasting", October 19, 1964

CITIZENS BAND PRESENTING PROBLEM TO TV

Television broadcasters may not know it, but in their effort to attract and retain viewers they have more to contend with than the offerings of their competitors.

They are faced with the problem caused by interference to thousands of television sets annually by some of the hundreds of thousands of private broadcasters licensed by the FCC--the citizens-band radio operators, the hams and others--as well as by industrial equipment that emits radio energy.

An indication of the size of the problem was brought to public attention last week in a New York Times story that quoted the FCC's New York field engineering office as reporting that the number of complaints about interference to TV receivers from citizens-band operators had risen to 900 a month.

Commission officials in Washington last week said their information is that the figure in New York isn't quite that high, but that the problem of citizens-band-caused interference is "serious".

They also said that reports received last week from field offices in other large cities indicate the problem of TV interference from citizens-band radio is "serious" also in Boston and Atlanta, "Not too bad but apparently increasing in San Francisco." The situation in Detroit and Washington, D.C. was said to be "not bad."

27,000 COMPLAINTS * No current overall figures are available, but during fiscal 1963, according to commission officials, the 30 engineering field offices reported a total of 27,000 complaints about interference to TV sets, 9,000 of them involving citizens-band radio.

The citizens-band operator is becoming an increasing problem as his numbers multiply. The band was originally intended for use by businessmen, farmers, ranchers and others in need of simple two-way communications service. However, many people have taken it up as a hobby, and today, because there are virtually no restrictions on who may qualify for a license, there are some 750,000 citizens-band operators.

The commission has adopted rules to prevent use of the band as a hobby. But it has delayed their implementations pending a study of petitions for reconsideration filed by manufacturers of citizens-band radio equipment.

The commission's field offices are hard-pressed to clear up the interference complaints. New York, the largest office, has a total of 16 employes, including clerical help. And the field staff's primary responsibility is clearing interference problems to radio and navigation equipment of aircraft and ships, not TV receivers.

FIX BY MAIL * Commission officials, however, say many of the complaints can be cleared up through correspondence--and experienced field men can often determine the cause of a problem through a description of the symptoms and, therefore, prescribe a remedy by form letter. The field offices "try to investigate the difficult cases," according to a commission official.

A majority of the complaints received concerning citizens-band radio stems from the inability of the receiver to reject unwanted radio signals. Commission officials say a filter that would often solve the problem can be purchased for \$4 or less.

TV PROBLEM (cont'd)

But many complaints about interference from citizen-band radio sets involves channel 2. And these result from improperly set transmitters. This is because citizen-band sets operate on 27 mc, of which 54 mc, or channel 2, is a harmonic. Unless a citizen-band transmitter is set properly, it may generate second harmonic interference. In Boston there have also been complaints about third harmonic interference to channel 5.

The commission has no breakdown on the number of complaints involving amateur operators and other private broadcasters. But generally, they say, the trouble involves either improperly set antennas or the lack of a filter in the TV set.

Radio emissions by a variety of electronic devices are another major source of interference. The use of industrial heaters in New York is cited as an example by commission officials.

The commission has authority under the Communications Act to regulate the use of interference-causing apparatus. But the job of enforcing regulations in this field has strained the resources of the field staff. Consequently, the commission in the last Congress asked for authority to set standards for the manufacture of such equipment. This authority would presumably cut down the size of the policing job. The commission has adopted a similar proposal in the legislative package it has sent for clearance to the Bureau of Budget for clearance to Congress.

A reprint of the New York Times article of October 12, 1964 from "Gridleaks" of the Amateur UHF Club of Jamaica

CITIZENS' BAND RADIOS DISRUPT TV IN THOUSANDS OF HOMES HERE By Back Gould

Thousands of television set owners in the metropolitan area are having their reception of programs disrupted by chattering youngsters whose radio transmissions are disturbing the picture and sound on video receivers.

The New York office of the Federal Communications Commission said yesterday that the plight of the TV viewers was one of the most serious interference problems stemming from abuse of the citizens' band radio service.

The number of complaints from TV owners has risen to 900 a month, according to William L. Kizer, engineer in charge of the commission's field office in the Federal Building. "The situation is serious and steadily growing worse," he said. Similar complaints, Mr. Kizer added, have been reported in other large cities, particularly Los Angeles.

Irate viewers have told the F.C.C. that hobbyists on the citizens' band are causing jiggling lines on their picture tubes and the intrusion of adolescent voices on the audio channels of their sets. Many objected in particular to the use of obscene language.

Adding to the indignation of the TV set owners is the fact that for the most part they, not the youngsters responsible for the disturbances, will have to pay the cost of eliminating the interference.

From a purely technical stand point, the F.C.C. explained, the design of the TV receivers, not the citizens' band equipment, is usually at fault.

Interference is possible in the television sets that allow signals transmitted by a citizens' band radio to pass through a receiver and reach the picture tube, the loudspeaker, or both. Some manufacturers supply upon request a filter to eliminate the interference. The device must be connected inside the set at the point where the antenna joins the tuning mechanism.

Reports of gouging by TV servicemen have reached the F.C.C. and newspapers. One TV owner said he had been quoted a price of \$85 for a job that, in the opinion of many engineers should not cost more than \$15. A top quality filter is listed in catalogues for about \$4.

Another viewer said that a citizens' band station almost next door could be heard on his TV set, on his radio sets and on his high-fidelity phonograph unit.

A third remarked: "I've given up trying to see 'The Defenders'. All I hear is double K1234, over and out and 10-4 and 10-4." He was referring to a citizens' band owner's call letters and the lingo of two-way radio. The numerous "10-4" stand for "message received."

A TANGLED ISSUE

The controversy over the Citizen's Band has become one of the most tangled issues to confront the F.C.C. The commission started the citizens' band for small-businessmen and private persons with a simple and an economical means of two-way radio communications, primarily in circumstances where a telephone cannot be used.

(next page)

CB TVI (cont'd)

Anyone 18 years or older can become a citizens' band operator by merely filling out a form. Forging of ages on application blanks by youngsters is reported to have been substantial, and under licenses issued to parents, many younger children have taken to the air. No technical knowledge of any kind is required.

The commission did not foresee that the youngsters would discover in citizens' band radio a fascinating hobby, and the number of so-called citizens' banders quickly grew to the present total of 750,000. The sale of citizens' band equipment has become a \$75-million-a-year business.

Alarmed by the resulting oral chaos on the air, the commission last summer adopted strict rules designed to curb unauthorized use. But the regulations effective date of Nov. 1 was canceled pending a study of legal petitions from equipment manufacturers seeking to preserve a major source of revenue.

DISCONTINUATION THREATENED

The commission has indicated that if the new rules do not stop the gossiping on the air, it may be forced to discontinue the citizens' band. At the same time, citizens' band operators have formed into clubs and petitioned Congressmen for support.

Many parents have complained that they were not clearly told by retail stores that citizens' band equipment may not be used merely for diversion. The average C.B. unit costs at least \$100.

The Federal Communications Commission lacks the manpower to monitor hundreds of thousands of citizens' band conversation and does only spot checking. In New York, the commission's primary task is to regulate radio frequency heating devices so that their emissions do not disrupt aviation navigational systems around the city's airports.

The technical explanation for citizens' band interference with television reception lies in the mathematics of the electronic relationship between the two.

Some citizens' band stations operate on a frequency of 26.9 megacycles, and an important frequency in many TV sets -- the so-called intermediate frequency-- is 26.5. In addition, citizens' band stations operate on 27 megacycles, of which a harmonic multiple is 54 megacycles--Channel 2 on the TV dial. The effect of a good filter is to bar frequencies below 52 megacycles from entering the set.

The citizens' band service is distinct from the amateur radio service, whose operators pass a test for technical proficiency. While amateur stations may on occasion intrude on TV sets, the hams are usually solicitous of the well-being of their neighbors. Another source of TV interference is known as "skip" which causes distant stations to interfere with the local stations, a condition for which there is no remedy available.

Wonder if it was TVI or the FCC's new CB regulations that was responsible for the following ad that appeared in the SWAP column of the Phila. Inquirer of Monday, October 26, 1964.

SWAP or Sale. C.B. Units, 1 exec #100 full set crystals, 1 exec #50 with telephone, meters, antennas. Complete, New \$450. Sac. \$200 or swap for anything of comparable value.

DID YOU KNOW

That Ruth, the XYL of W3GXS, Bob, is in room 363 of the Abington Hospital? Send her a card.

That K3PXT, Carmen, is getting ready to put up a monster tower and beams soon?

That K3GAS, Doc, had an antenna raising party and that W3UMK, K3LBT, K3HSS, K3DLS, K3GGJ, W3CL and K3DXC helped? That he now has a 220 colinear, 220 4 element Hy-Gain, 432 beam and 8 element Telrex for 2 meters?

That K3CIV, Ralph, holds the oldest issued drivers license in the state of Penna? Good to see you at the meeting, Ralph.

That Gracie, the XYL of W3ELI, Van, has her ticket? WA3BFQ. Won't tell you Van's phonetics for it.

That K3WEU, Paul, was handed his certificate as OBS for Mt. Airy by W3ZRQ, Al, the SCM at the last meeting?

That K3EHQ, Jim, won the Monday prize at Ham-Buerger's Open House Week?

That W3CL, Harry, won a handbook on CB Operating Procedures on the last day of Open House Week?

That Helen, the XYL of W3OZP, Bill, was in and out of the hospital? Welcome home.

That no one knew the "new" Mother Rat at the last meeting? 24 lbs lighter. Dirty trick not wearing my pin!

SIX METER NETS IN THE DELAWARE VALLEY

OCTOBER 1964

Prepared by R.C. Berens, W3UMK with the aid of J. Beaver, W3AHZ and others

<u>ORGANIZATION</u>	<u>FREQ.</u>	<u>LOCAL TIME/DAY</u>
Mt. Airy VHF	50.2	2100 (M)
Phila Co. (AREC)	50.2	2100 (Th)
Lansdale (AREC)	50.4	1930 (M)
S.E. Montgomery Co. (AREC)	50.4	1930 (Tu)
Delaware State (CD)	50.4	2100 (Tu)
Chester Co. (CD)	50.42	2100 (W) (Note 1)
Mobile Sixers	50.55	2100 (Sun)
Del. County (AREC)	50.55	1945 (Th)
W.E.N.S.	50.91	2100 (Tu)
Sacane Amateur	51.000	1030 (Sun)
Pop Bottle	51.048	2000 (Sat) (Note 2)
Brown Bottle	51.150	2100 (W)

- (Note 1) - Effective 1/1/65; until then on 50.5 Mc.
- (Note 2) - Tuesday night in the summer months
- (Note 3) - Mainline VHF/Lower Merion CD on 50.56; Phil-Mont on 50.7 and Frankford on 53.5.

Published on behalf of the Council of Amateur Radio Clubs of Delaware Valley by Mt. Airy VHF Radio Club, Inc.

MT. AIRY SCORES AGAIN WITH UNITED NATIONS WEEK HELP

By K3GAS, Doc Cutler

Saturday, October 17 to Saturday October 24 commemorated the anniversary of the United Nations. The World Affairs Council of Philadelphia and the Delaware Valley Council of Amateur Radio Clubs sponsored this year's radio set-up to advertise the celebration. The site was the Gimbel store in Cheltenham.

Saturday was a dreary, wet and cool day, certainly not weather for putting up antennas but a fine group of amateurs showed up to help establish K3UN. Our club was represented by K30BY, Jim, W3CPT, Ken, K3IGX, Dick and K3GAS, Doc. After a meeting of the minds, we went up to a sundeck with antennas, masts, coax and guy lines and the antennas were fastened to the masts. A cubical quad for 20 meters was put up first. As it was being raised, the second half of the mast bent over and the mast was quickly lowered. This bent section was straightened and shoved into the lower section for strength. The next try raised the whole shebang and guy lines were quickly fastened. The other mast held Doc's halo for six meters and a 20 meter squalo. This went up without incidence and the coax for six meters was quickly brought down to the rig. Through the generosity of Ham Suerger, our station consisted of a Zeus and Interceptor. The low frequency set-up had a National NCX 3 and the accompanying kilowatt. The low frequency boys also put up a 75 meter dipole tacked to a railing around the sundeck.

At 3:10, the 6 meter station went into operation with Doc at the mike. The other station went on the air about an hour later, we had already made about 40 contacts on 6 at this point. Saturday evening ended with the six meter station having made 131 contacts in less than six hour operating time. We worked from Albany, N.Y. to below Baltimore and even worked K3HWZ, Grandpa Bill, in Jim Thorpe, Pa.

So, once again, the Pack Rats came through in fine style.

THE PACK'S RAT

By K3PXT, Carmen Diodati

When Mario, K3UJD, decided to give up watching the idiot's delight, amateur radio became further enriched by the addition of a technically competent ham. Mario is a proficient and prolific home brewer. A VHF enthusiast, he has constructed transmitters and converters for all bands from six to one and a quarter meters. He is presently considering 1296. His \$12.00 TV camera has been displayed at some of the local clubs and at our club's hamfest.

Mario's aptitude in amateur radio is paralleled by his 19 year old son, Bill. Bill's interest is not rodding and dragging; he can tear down a transmission (auto) in a matter of minutes, a motor in a few hours. Mario is most pleased with Bill's decision to attend evening school to study finance. This will enable Mario to determine the cost of his station, which has been expanded

THE PACK'S RAT (cont'd)

from an idiot's box to a most impressive station.

If you have not worked the little Italian station in Ivyland, Don't - he does not QSL. Besides you may break an arm rolling off your chair if he decides to become amusing.

Mario works all the VHF bands and is most active on 432. Look for our newest member and get a Pack Rat Point for your certificate.

THE PACK RAT CERTIFICATE

RULES

Stations within a 50 mile radius of central Philadelphia must work 30 pack Rats on any VHF band.

Stations beyond this point need only work 10 Pack Rats.

Send your list of stations worked, along with time and date, to the Awards Chairman, W2EIF, Joseph Kilgore, 5 Sunnybrook Court, Stratford, New Jersey 08084. QSL cards are not necessary.

For a list of the Pack Rats contact the Corresponding Secretary, W3SAO, Frank Brick, 829 W. Fishers Avenue, Phila., Pa. 19141.

K3JJZ, EL, GETS ANOTHER REPLY TO HIS OPEN LETTER TO XYL's.

Coraopolis, Penna.
September 22, 1964

K3JJZ
Elliott:

It just goes to prove that you fellows do not work enough of the sterling crew around Coraopolis and McKees Rocks, Pa. on six meters. Perhaps it is not apparent over your way, but, we have the distinction of having the Hen-Pecked Operators of the International Society in this area. There are five Charter Members in this select group and you must work two of us to be eligible for the beautiful certificate we issue. The prime confession that we all had to make publicly over the ether was that we are hen-pecked and that we admit it. When the skip has been in, this certificate has made quite a few states. There is no charge for the certificate and believe it or not, there has been over three hundred of them sent out to hen-peckers of merit.

President of this elite club is W3UFR, "Pop" and the other handsome characters are W3YDP, Tony, K3HYD, Walt, K3KLP, Phil and yours truly, K3JDX Hap. This started as a joke on card party nights when the XYLs went to the games and we were allowed on the air.

So you see, there are some TRUE hen-peckers in this world.

Sincerely,
M. Seibert - "Hap"

K3JFK-Kennedy Township Hen-Peck Net.

HAMS ON 1210 KC

From North Penn Static

Friday, July 31st, WCAU's Talk of Philadelphia, with Ed Harvey, featured ham radio.

North Penn's W3BTC, Carolyn Currens; W3MHR, George Weed; W3ELI, George Van Dyke (Pack Rat); and Stan Levy were the four featured amateurs.

Covering all phases of amateur radio, the program proved interesting and entertaining. The interview and listeners questions were handled admirably and these four amateurs are to be congratulated.

SAFETY FIRST

From North Penn Static and the Kass Communicator

One of the best ways to get full enjoyment from amateur radio is to STAY ALIVE. Assuming that you are basically in good health and that you escape from a Sunday drive with little more than shattered nerves, it would be sad indeed to have you leave us because you failed to observe a few simple safety rules in the shack.

For instance: By solidly grounding the cases of all equipment in the shack, you can eliminate the possibility of being the final link in continuity of a circuit where lethal voltages are present. Most equipment has two bypass capacitors-one from each side of the line to the equipment case. Should one of

SAFETY FIRST (cont'd)

these fail, the line voltage will appear on the equipment case. By grounding the equipment case, you eliminate the possibility of YOU going up in smoke.

For instance: By making sure that all capacitors are discharged after power has been removed from transmitters, you can eliminate the possibility of testing your body to see how much you can take in the form of stored energy. A considerable amount of lethal energy can be stored in transmitting capacitors—sometimes for many days. Always discharge capacitors with a shorting bar mounted on an insulated rod before putting your fat little chubby fingers into the transmitter. By doing this, you can offset the expense of a telephone call to the undertaker.

For instance: By putting a rubber mat on the floor in front of your workbench, you can eliminate the possibility of becoming a bypass capacitor. Use the rubber mat to stand on when you are working on your equipment. In addition, keep one hand in your pocket whenever possible. Straight hair on porcupines is fine—but on HAMS, it is in poor taste.

MAKE NO MISTAKE, YOUR EQUIPMENT HAS LETHAL TENDENCIES. RESPECT IT, AND STAY ALIVE!

(Editors note: We might also add another For instance: Remove all jewelry when working on your equipment. You can get a very nasty burn.

Incentive licensing, on this we take no side,
But the STRAY, we do ask you to read
Page 39, November QST
And let your conscience be your guide.

THE COMMEMORATIVE STAMP

A Reminder

From November QST

Although no exact date of issue of the commemorative stamp has yet been released by the Post Office Department, it will make its appearance before the end of 1964. In the meantime, ARRL Headquarters is receiving orders for thousands of the special first-day "covers" (envelopes) that were announced on page 26 of the September issue of QST and page 55 of the October issue.

Briefly, the League has arranged for official first-day covers, printed in sets of three each in a different color, to be serviced on the first day of issue of the commemorative stamp. On the day the stamp is released, we will frank these special envelopes with the new stamp, have them canceled with a special postmark at the first-day city, and then forward them to you or others of your choice. These will be collectors' items for both amateur radio operators and philatelists.

Prices are as follows:

- Single envelope with a single stamp - 25 cents
- Set of three envelopes with a single stamp on each - 70 cents
- Pair (two stamps on one envelope) - 30 cents
- Block (four stamps on one envelope) - 40 cents
- Plate block (four stamps with identifying number of printing plate) on one envelope - 75 cents.

Please send your orders to:

Commemorative Stamp Department
American Radio Relay League
225 Main Street,
Newington, Conn. 06111

Don't miss out by getting your order in after the commemorative stamp release date, because there will be no way we can back-date these special first-day covers for you. Act Now!

We received a Thank you letter from Doctor Benjamin L. Toy, who, by the way, is W1NXJ, for the information sent him. (See "Editors Corner") He added this P.S. "I got my start on 2 meters, just after WW II. In this area, the band was extremely active. In one summer, I worked over 500 different fellows on 2, all within a 50 mile radius!"

Dr. Toy's complete address is: 44 Cummings Road, Brookline, Mass. 02146

Speaking of doctors on two meters, keep your ears open for "Bluebird of Happiness" W3JAY, Doc. He has been a busy bee and expects to be back on shortly.

From Gridleaks, Amateur UHF Club of Jamaica

ELECTRICAL ASSISTANCE

The following was found in an old tube carton. We can't take credit.

Are you in need of assistance
To help understand Electrical Resistance?
Does electromotive force throw you?
Perhaps, then, we'll help to show you
How to distinguish a current event,
From electrical currents which are sent.

To distinguish a three-ring circus
From an alternating circuit,
To tell the charge of a whiskered anode,
From a smooth, clean-shaven cathode.

In short, to write a stirring ode,
In what is really a kind of Morse Code,
Is quite a trick, you will agree.
Yet there's a moral to all this, you see.

MORAL:

If all this tends to confuse,
Just remember to keep an extra fuse.
For wherever you may roam,
Think always of Ohm, Sweet Ohm.

From Washington Amateur Radio News (From TRAFFIC CALL)

This is the tale of McPhoostoe the Cat,
A saga of brave deeds and daring.
It's the tale of the tail, boys, which once saved the day,
The tale of the tail he was wearing.

Now, McPhoostoe was owned by a radio ham,
Who one day, just by chance, on a trip,
Discovered his cat had a thousand volt drop
Cross his tail, from the root to the tip.

Now, radio hams (or at least so it seems)
Are a specialized type who, I hear
Are on the alert for a new source of power,
To operate portable gear.

So, McPhoostoe, the Cat, was put in a cage,
Electrodes were tied on with care,
And the juice was piped to the radio shack
To fire up the tubes that were there.

And when the flood came and the power was off,
And panic was on without fail,
This radio ham with his rig saved the day,
With the juice from McPhoostoe's tail.

But McPhoostoe's gone west now, he's with us no more,
And I'll bet you are wondering why --
While courting one night in a yard down the block
He shorted his power supply.

From FLORIDA SKIP

A W9 (Illinois) woman got a divorce on grounds that her husband cracked a couple of her ribs practicing "wrestling holds he saw on TV." (Different kind of TVI?)

DID YOU KNOW

That the Phila. Cd. ARPSD is well on the way to establishing an amateur radio training course for the children at the Shriner's Hospital?

That K3WJU, Paul, very graciously stepped in and took the place of K3FDH, Larry, on very short notice, to speak at the church gathering? Larry was called out of town at the last minute. Paul spoke on AREC and its connection with the Red Cross Disaster Service.

That K3HNP, Dave, once more is asking for call letter license plates, now that Pa. is issuing new ones? He swears he did not steal W3ZRR's!

That K3HWZ, Grandpa Bill, was presented with a copy of "Two-hundred Meters and Down" by W3YA, Gil, at the last meeting for holding a ham license for 50 years?

That there are two copies of the above book at this QTH? One in the club library and one belong to Mother Rat?

SWAP AND SHOPPE

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

WANTED: Control box for U-98 Alliance
Rotator.

CONTACT: K3JJZ, Elliott Weisman
8533 Algon Avenue,
Phila., Pa. 19152
215- PI. 2-3525

FOR SALE: Electric motors for small
Prop Pitch rotators. \$2.50
Specify right or left hand
type.

CONTACT: W3KT, Jessie Bieberman
3141 Bristol Road,
Warrington, Pa.
215- DI. 3-6149

FOR SALE: Elmac PMR-8 68A Xmitter and
3 way power supply. \$250.00
NC-183D receiver \$175.00

SWAP: 11 element 2 meter Telrex,
3 element 6 meter Telrex
for
5 or 6 element 6 meter beam

CONTACT: W3IXL, Ellis Hersh
8435 Cedarbrook Avenue,
Phila., Pa. 19150
215- CH. 7-7325

FOR SALE: HW-12, 75 meter SSB Trans-
ceiver and mobile power sup-
ply with Hustler mobile ant.
\$150.00

CONTACT: K3EIH, Don McGrath
1607 Woodbrook Lane,
Phila., Pa. 19150

MEETING DATES

WEDNESDAYS

1964 Nov. 18
Dec. 16
1965 Jan. 20
Feb. 17
Mar. 17
Apr. 21
May 19
June 16

GENERAL MEETINGS are held the third
Wednesday, when possible, at the West
Oak Lane Jewish Community Center,
Sedgwick and Thouron Streets, at 8:00
P.M.

MEETING NOTICES

NOVEMBER 11-DIRECTORS MEETING at the
QTH of W3CL, Harry Stein,
2087 Parkdale Avenue,
Glenside, Pa. If you are
unable to attend, please
call 215- TU. 7-5052

NOVEMBER 18-GENERAL MEETING

Speaker: K2HAK, Ken
Topic: Modulators and
Thin Design.

NOTE: All of our meetings are open
to visitors with the exception
of the December meeting.

NEW STUDENT MEMBER

K3YPL, NICHOLAS (NICKEY) BEHRMANN
5101 Wynnfield Avenue
Phila., Pa. 19131
215- TR. 7-0562 or TR. 7-1007

*PACKETS (M)
829 W. FISHERS AVE.
PHILA. 41, PA.



K3BPP. Walter Bohlman
101 East St.
Doylestown, Pa.