

PACK RATS' CHEESE BITS

MT. AIRY V.H.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

MEMBER CLUB: DELAWARE VALLEY COUNCIL OF AMATEUR RADIO CLUBS

MEETING NOTICES: LAST PAGE

VOLUME XI

SEPTEMBER 1968

NUMBER 9

OUR PREZ SAYS



In addition to the article in this month's issue of CHEESE BITS, which ably reports on the Pack Rats' Picnic, I submit these comments. Notwithstanding all the efforts made each year to induce the new members, particularly to become involved in the workings of the various committees, it was the same old reliable team that put together the picnic program and did the work at the picnic grounds. I am sure the picnic committee enjoyed a feeling of satisfaction when they received the reports that the picnic was a success and that the picnic was enjoyed by all in attendance. However, when you reflect on your responsibilities to the Club you have to agree that it's about time for some new faces to show up when there is some work to be done. These are the call letters of the members who worked on/with the picnic committee so successfully and the Club takes this opportunity to give recognition of their work and exposition of club spirit: W3CL, W3LHF, W3MFY, K3GAS, K3JJZ, W3MVF, W3GEW, K3ZPN, W3SAO, K3DLS, K3MXM, I hope I didn't miss anyone.

The January V.H.F. Contest is the next big club event so when K3DUC, Phil Delano the contest chairman, gets in touch with you, please give him the cooperation he needs and which is expected from every club member. No chairman should go wanting for help!

It is with regret that I have to report the lack of volunteers for the refreshment committee. It would be sad indeed if it reaches a point where the refreshments would have to be dropped from the meeting program. I am sure no one would like to see this happen, so in fairness to those who performed this duty before, think it over and do your share. Volunteer!

K3HSS, Charley

PACK RATS' CHEESE BITS is a publication of the Mt. Airy V.H.F. Radio Club, Inc., Philadelphia, Pa., and is published monthly.

10¢ per copy \$1.00 per year

We operate on an exchange basis with other publications and anything that is printed in CHEESE BITS may be reprinted, unless so stated, as long as the proper credit is given.

DEADLINE FOR ARTICLES IS THE 20TH OF EACH MONTH.

EDITOR:

K3JJZ, ELLIOTT T. WEISMAN
8533 ALGON AVENUE
PHILADELPHIA, PA. 19152
215 - PI 2-3525

TRUSTEE OF CLUB CALL: W3CCX

W3SAO, FRANCIS BRICK
821 W. LINDLEY AVENUE
PHILADELPHIA, PA. 19141
215 - DA 4-7524

PRINTER AND SUBSCRIPTION MANAGER:

K3GAS, DOC CUTLER
7815 NEW SECOND STREET
PHILADELPHIA, PA. 19117
215 - ME 5-1078

AWARDS CHAIRMAN:

W2EIF, JOSEPH KILGORE
#5 SUNNYBROOK COURT
STRATFORD, N.J. 08084

DIRECTORS; MEETINGS ARE HELD ON THE SECOND WEDNESDAY OF EACH MONTH AT DESIGNATED LOCATIONS.

CODE PRACTICE:

7:00 to 7:30 P.M. MONDAY THROUGH FRIDAY, 50.2 MC. BY W3CL, HARRY STEIN.

MONDAY NIGHT NETS:

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

OFFICERS - 1968-1969:

PRESIDENT: K3HSS, CHARLES LUSTICK
VICE-PRES.: W3MFY, PRESTON PUNK
CORRES. SEC.: W3SAO, FRANCIS BRICK
REC. SEC.: K3ZPN, LLOYD SCHOENIG
TREASURER: W3MVF, DAVID BLOCH

DIRECTORS:

K3KTY, JOHN TATE
W3CJU, DONALD HAMPTON
W3KKN, ERNEST KENAS
K3UJD, MARIO FONTANA
K3CIV, RALPH HERSH
(Ex-Officio)

PHILADELPHIA COUNTY ARPS:

E.C.: W3PST, WOODY HALDEMAN
1732 LONEY STREET
PHILADELPHIA, PA. 19111
215 - RA 5-1106

MEETINGS: FOURTH WEDNESDAY OF EACH MONTH AT 8:00 P.M.

NR 179, July 25, 1968

A new item joins the comprehensive list of ARRL operating aids. Operating Aid number 14, now available without charge, includes the RST system, a time conversion chart, ending signals, the ARRL and ICAO phonetic alphabets and steps to follow in an emergency. To get your copy, send a stamped self addressed envelope to the ARRL Communications Department, 225 Main Street, Newington, Connecticut 06111 AR

NR 180, August 1, 1968

Acting on petition of the Electronics Industries Association earlier this year for extensive revision of Novice license regulations, FCC last week proposed that anyone not licensed in the previous twelve months would be eligible for the Novice exam. At the same time, the Commission denied the EIA Amateur Radio Section requests to reduce code speed, grant ten meter voice privileges, reinstate two meter voice and make the Novice license five year term renewable. Details of the action, Docket 18266, will appear in September QST AR

NR 181, August 8, 1968

All amateurs are invited to participate in the ARRL September Frequency Measuring Test, September 14. Note that this GMT date represents the evening of September 13 to United States and Canadian amateurs. WIAW signals for measurement will be at 0130 GMT September 14 simultaneously on approximately 3507, 7042 and 14,045 kHz, and at 0430 GMT on approximately 3594, 7075 and 14,110 kHz. Complete details appear on page 95 of August QST. Your FMT results may help you qualify for Official Observer appointment AR

NR 182, August 15, 1968

The Federal Communications Commission has denied a petition of K6EDX and K6RNQ to rescind restrictions on 50.0 to 50.1 MHz and 50.0 to 50.25 MHz scheduled for November 22, 1968 and 1969 respectively. FCC thereby restates its intention that these segments will be reserved to holders of Extra and Advanced Class licenses as of the dates above. (Incidentally, the ARRL Board has twice opposed restrictions on these segments of the 50 MHz band.) FCC also denied three requests for additional grandfathering of higher class privileges in special cases. Details on these matters will appear in the October issue of QST AR

THE CASE OF MARY
K3WEU, Paul R. Behrmann

The state in which Mary lives has more than 2500 lakes, ponds, rivers, countless streams and brooks. The woodlands with their tall and stately pines stretch as far as the eyes can see and to the limit of one's own imagination...in any event from the ocean on the east to the Canadian borders on the east and north to Vermont and New Hampshire on the south and west. There are mountains, hills and the never-to-be-forgotten "rock ribbed" coast upon which the great Atlantic splashes its enormous waves. There is a pristine beauty to the majestic grandeur of the landscape...whether it be the deep woods, a hidden stream, a woodland waterfall, a mountain top or the simple pastoral serenity of the rolling countryside.

Yet, the pain remains even though the poetry of the exquisite scenery ascends and soars heavenward. The magnificent views are a testament to the wonders of nature and divine handiwork but if one is blind and cannot witness the sight of the sometimes angry waves beating incessantly against the huge and melancholy rocks...and if one cannot see the kaleidoscopic picture of the stillness of the deep woods whose silence is broken only by the lyrical cadence of the birds singing or calling... or the game crunching fallen twigs and leaves... then tell me how one is able to summon the words to capture and describe the limitless sacred beauty of the ever-changing, never-ceasing, always beautiful landscape. How can we possibly give Mary the sense of awe, of wonder we the sighted have when we see sights which overcome us with their beauty?

Mary is not her real name, but it could be; it might be Rachel, Ruth, or you may choose any which would fit the profile. It is a tale of a woman of valor. Mary is a blind YL...has been a ham (self taught) for many years. She spent 15 years at the world famous Perkins School for the Blind and she lives on a farm in a very rural area in the most underpopulated state in the Union on the East Coast. Her father had a massive heart attack and had to give up farming. Her mother is currently confined to a wheel chair and Mary herself has not been well over the past two or three years. Janice was the name of her last seeing-eye dog, but Janice died just over two years ago. Her gear went sour and she hasn't been able to get on the air for more than two years...her tape recorder also gave up the ghost...so Mary has been isolated from friends and fellow hams except for occasional visits from amateurs who must travel anywhere from 50 to 300 or 400 miles away just to have an eyeball with Mary. When she is on phone she lights up the band with her voice with the laughter or the droll humor which one never fails to hear. Does she complain...never! If you didn't know she was blind you would wonder how in the world she is able to cope with all of her chores...which include washing, bed-making, churning butter, knitting, embroidery, leather work, hanging up the family laundry and believe me...a lot of other duties I couldn't begin to list.

Recently, fellow hams, on their own initiative, decided to raise a fund to get her a tape recorder...and if there is any money left over, fix up her rigs...about 15 years old...they have seen their day. Mary can use a tape recorder with the two slowest speeds so that she can have some correspondence and companionship with other people...both blind and sighted. Our own Harry Stein, W3CL, agreed without a moment's hesitation to act as treasurer of the tape recorder fund... and any money remaining would be used to help with her station.

There are some of you who may wish to give a dollar or two...some may give fifty cents, others may find it in their hearts to come up with five dollars or more. Harry and other Board members whom he selects will know the identity of Mary...I believe that preserving Mary's anonymity will add much to the pleasure of those who donate...and to do it without getting "caught" so to speak is lots more fun. However, there is one thing I am confident Mary will do...she'll make a tape for listening at a club meeting and thank everyone.

Just make your check or money order payable to Harry Stein and mail it to him at his QTH...2087 Parkdale Avenue, Glenside, Pa. 19038. Please do it today...you'll feel so much better for having given a helping hand to a fellow ham, a magnificent human being, a blind YL who I should add is currently teaching code to an elderly, nearly crippled woman, and who taught Braille to a polio victim, another YL (amateur) a couple of years ago.

WE GET LETTERS

The following was received by W3CL, Harry Stein:

Here I am trying to get a letter off to you and the gang before the August picnic which I will miss you may be sure. I find life here very nice and believe it or not the last two days have been the hottest and only up to 90 degrees so no complaint as the humidity has been low.

The enclosed snap of the house is about the best I can get. As you can see the sun was really shining when I took this but it can't be helped as that is what we have every day. Have my old G-50 in the Florida room ready to go as soon as the TV cable is hooked up then will use the pole to put up the antenna I got from Bert and will put on the phones and see if I can hear any of you Rats down this way. Probably won't be until near the end of August as they just got the cable into the house and not all hooked up in the street yet.

We have had wonderful sleeping temperature of seventy degrees every night so my night work has been fine and I am up at seven in the morning to take on the duties of the day. Have everything unpacked except nine cases from my cellar, but I don't let that worry me as I just made room for the stuff out in the garage which thank goodness is large and there is enough room to get all around the Caddy and still have my two big steel cabinets as well as lots of shelf space and the lawn mower and the usual line of garden tools.

Have sent for my license two weeks ago but no sign of it yet but will let you know when it comes. Must also let the good old 1/4 cent gang know my new address so would like it if you would let me know to whom and how much to get my dues paid. Will of course send the money to Dave for my Rat dues and you might let him know my address which is 191 Daymore Parkway, Holly Hill, Florida 32017.

Bill McCutcheon, K3HWZ

The following was received by W2EIF, Jo Kilgore:

I made it! I have been back at work two weeks now - its terrible being back having to work for a living!

I had a good trip home through Ja Land (3 days), Hong Kong (2 days) and Singapore (4 days).

Pan Am balled things up again in their characteristic way they assured me that I needed no visa for a five day trip to Japan (and this was in two offices). Anyway, the top immigration people thought different and I could stay only three days.

I met up with two JA hams - one whose English was not quite good enough and the other was a student who could speak good English.

The Gonset I have been slow to get going. I had to rebuild the power supply because of the different transformer, also because it was not particularly neat and a trifle dangerous due to exposed wires. Anyway, I should finish it tonight.

What really annoyed me though was that I lost one case of goodies coming home. These had a lot of radio bits and pieces I had collected up, including those crystal mixer diodes you were good enough to give me. So the insurance company better pay up!

Give my regards to the Packrat net. I've had a lot of jealous looks at the Packrat pin.

Cheers,
Alan Isaachsen, VK5ZEI
70 Arthur Avenue
Unley, SA 5061
Australia

Continued on Page 5

SASSB
WA3BIV, Carl Barrish

Hams have been instrumental in devising and using many of the communication methods of today, the latest being suppressed audio single sideband or SASSB. Many have heard of it but few know what it is or how it came about. Here we will go into the fundamentals of SASSB.

The basic fact that sparked the discovery of SASSB was found by a mathematician in the 19th century. The man's name was Joseph Gibbs and he found that a plotted curve that has a finite discontinuity contains very slight peaks at each point of discontinuity. For instance, a c.w. signal has these slight peaks as would be seen on a very good scope. They are called Gibbs Phenomena. In phone communications these peaks exist in an SSB signal at each frequency as the voice reaches each frequency and again as it leaves the frequency.

The usefulness of this phenomena became apparent when it was discovered that a detector could be designed to isolate enough of these peaks to enable detection of 500 cycles either side of a single audio frequency. In other words, chopping off all the intelligence of an SSB signal except those voice frequencies at exactly 1000 cycles enables the detector to unscramble 500-1500 cycles of audio. This is about 1/3 of the audio we now supply the human ear for necessary communications.

Utilizing two of these frequencies we can reconstruct enough signal to be intelligible. The second frequency usually used is 2200 cycles. These two frequencies give us a usable range of 500-1500 and 700-2700 which contains enough audio for the human to translate.

Having explained the basic theory we can see how what little is received by the antenna is reconstructed into speech. The stages up to the selectivity circuits do not change. With SASSB over the older, more crude SSB, however, the selectivity following circuits are altered considerably. Since only a small amount of passband at two separate frequencies is required quite a bit of unnecessary junk is eliminated. By using two bandpass filters, one for each audio frequency (1000 and 2200 cps) from the center i.f. frequency, a passband of 10 cps is produced. The input impedance of the 1 k.c. filter differs greatly from the impedance of the 2.2 k.c. filter and are fed by i.f. amplifiers whose output impedance matches the filter it is feeding. Thus, a good degree of separation is available to prevent mixing in the audio stages, when the two signals are recombined after each individual frequency is detected.

Generation of the SASSB signal is similar to the receiving method only the suppressed audio is mixed with RF and amplified rather than detected. This leaves only the two frequencies (1 k.c. and 2.2 k.c.) ± 10 cps to radiate into the air. So then, many signals can be put into the same frequency that was required for the older SSB signal.

WE GET LETTERS (Continued)

The following were received by yours truly, K3JJZ:

Dear El,

How come that rag you call a club paper doesn't carry any technical articles? - Disgusted

Dear Disgusted,

All our topnotch technical people are so busy experimenting they don't have time to write. El, K3JJZ

Dear Editor Cheese Bits,

Why is it that our paper doesn't have cartoons and drawings like some others I've seen? - Wondering

Dear Wondering,

As far as I know we have no one in the club that can draw.

El, K3JJZ

Continued on Page 6

TRANSMITTER HUNT
K3BPP, Walt Bowman

The third transmitter hunt of 1968 was held on July 21 from 1:00 to 3:00 p.m. The transmitter was hidden on top of Buckingham mountain at the home of a relative of Don Hampton. The location was down a long dirt road just off of Holycong Road. Holycong Road connects Upper Mountain Road to Lower Mountain Road by the way of the top of Buckingham Mountain. The road is approximately one and a half lanes wide. The location overlooks the northern part of Holycong Road as well as much of the neighboring countryside.

The first suspicious car seen was K3UJD taking a bearing on Holycong Road. About 15 minutes later he rolled in with his two assistants (daughter Cheryll and friend). The official time was 1:55 and the band was 2 meters.

To add to the obstacle course, there happen to be a stalled car with clutch trouble on the road as well as a "Private Road No Outlet" sign. The neighbors also helped by not being able to give detailed directions as to the roads on top of the mountain.

The next crew to show up at 2:50 was K3CND, XYL, K3MXXM, and WA3ERQ on 6 meters. This crew was alerted by the repairman of the car with the bad clutch that a blue convertible with a big antenna was also in the area.

At about 2:50 we realized that the output of the 2 meter rig had greatly dropped. This turned out to be the vibrator supply had exhausted its charge. 110 volts A.C. was available but not used until 3:00 for talk-ins on 144.

The first call in was the K3JJZ group (El, cousin Mell, El's two sons). I guess being reluctant to turn in the private road, El went right over the mountain to Lower Mountain Road at which time he spotted W3CL. Both of which now proceeded back up the mountain, turned in the right road, and then into the wrong driveway. With on the spot instructions from W3CJU both stations arrived okay.

K3IGX was called in from the Buckingham station of the New Hope-Ivyland R.R.

Also present was a tourist K3KXJ from Abington who was touring the area and stopped by to say hello.

A good time was had by all.

K3BPP, Walt

WE GET LETTERS (Continued)

The following were received by W3LHF, Dave Zimmerman:

Received the check and was very glad to get it. I do want to thank all the ones who helped make it possible. Please tell them how much I appreciate what they did. I am sending 10% to the club. Hope this is okay.

Thanking you again,
Mrs. G. Kelly, XYL K3NCN

- - -

I wish to take this opportunity to thank you and the members of the Mt. Airy V.H.F. Radio Club for your kindness in helping me to sell Tom's radio equipment (W3DRC). I received the check on Tuesday, July 16, 1968, and I sincerely do appreciate all you have done for me. Again, except my thanks.

Mrs. Millie Tomlinson
417 Avenue A
Horsham, Pa. 19044

A FAMILY DAY AND PICNIC

W3CL, Harry Stein

Sunday, August 11, 1968 dawned bright and beautiful and turned out to be one of the most delightful days of the summer. The Pack Rat luck held out once again - we have never had to postpone a picnic for the past 13 years.

I knew activity had started at Fort Washington State Park when I heard W3CCX/3 activated on 6 and 2 meters with K3MXX and K3IGX doing the operating chore.

Charley, K3HSS, our new President, assisted by Doc, K3GAS, Dave, W3MVF, Lloyd, K3ZPN, Carl, K3DLS, Carl, WA3BIV, were setting up things at the pavilion. Dave, W3LHF, our outgoing President (who incidentally had the responsibility of organizing the picnic during his term) had on hand all the prize material obtained from manufacturers or purchased by the club.

On the way out to the park, one could see Frankie's, W3SAO, handiwork done earlier and ably assisted by his son Harry. Frankie was also responsible for all the historical material and club activity pictures that were on view.

Registration progressed smoothly under the direction of Dave, W3MVF and Sid, W3GEW. A total of 120 hams had registered, which included many old-timers representing the QCWA (W2ABQ, W2HX, W3FBF - Keystone Communicator fame, W2MR, W2VX, W2AXU, W3CL, and W3YA - Atlantic Division Director). Some of these lads are also members of the Pack Rats. Also W3MPX and W3GGH.

The morning progressed until all the lunch goodies were consumed, then El, K3JJZ, organized the kiddies and teenage games. It seemed that mostly everyone including the adults and some outsiders participated in this event. At the conclusion of the games, Press, W3MFY, our Veep greeted the crowd which included members of the SJRA, Philmont, Central New Jersey V.R.F. Society, Bucks County and North Penn R.C.'s. WA2MGV, Gene, was on hand selling SJRA tickets assisted with his well oiled spiel, Charley, W2VX, who is their Hamfest Chairman.

Some of our old friends from up there in the Northeast included WA2WIL, K2RTH (W3ANW), K1LOM and W1MEH were present.

Gil, W3YA, the Atlantic Division Director, was introduced by Dave, W3LHF, our immediate past president. Gil spoke briefly and received a round of applause. It must be pointed out that Charley, K3HSS, our President, had to leave early to participate in his wedding anniversary dinner. Our best to Betty and Chas.

The prize drawings were ably announced by Dave, W3LHF - amplifier was working loud and clear.

Some tid-bits picked up by the big ear - W3BMA won the big prize, a 2 meter Drake FET converter. K3HIN, Rich, did a good job guarding a low slung job he calls "Schnorps" who insisted on greeting everyone with shrill barks. W3OR, Allan, and XYL, both looking very chipper, smilingly greeted everyone. Allan brought along a 1926 picture of the Lansdowne R.C. Hamfest. K3SNZ, Vince, was there with his folks - he is taking law at Florida A&M. K3ZSG, recently returned from Viet Nam duty, is now stationed at Ft. Monmouth.

Did you know that W3INH is now W3MQ? K3EOT, Clair, showed us a QSL card on the last trip of maritime mobile GB5QM - the Queen Mary. K2RTH (W3ANW), Bruce, got his Extra Class ticket.

Mike, K3BOY, now lives out King of Prussia way

The total count of those present was estimated at 450 + considerably below the usual large crowds but a more congenial group couldn't be assembled anywhere. A good day was had by all - see you next year.

73,
Harry

WHY HAM RADIO AND WOMEN ARE INCOMPATIBLE

WB2NOK, Bob Jaep

(Edited by His XYL Diane, Obviously)

In other words, why ham radio and girls don't mix. Well actually to tell you the truth I don't know. Sometimes they do mix in odd ways but usually they don't. Although a girl usually doesn't object to her boy friend or husband, especially when first married, talking on a radio for hours she would rather he spend his time with her and the fellow of course feels the same way.

If you remember last year at this time and the three years before that I was quite active. Almost anytime during the weekend and every week-day evening you could tune either the six or two meter band and hear WB2NOK calling CQ and in every band opening calling CQ DX. Why have I become so inactive in the past 11 months and completely inactive in the past six weeks or so except for an occasional CQ or QSO from the mobile rig on six?

Well it all starts with a girl who lives over in 3 land and does not hold an amateur license. Her name is Diane and although she has no objections to me being a Ham it seems that she has drawn me away from the hobby, even mobile operation. It seems that Diane attracts me more than ham radio does. I wonder why?

When I started dating Diane back in September of 1967 it was once a week on Saturdays so that put me off the air on Saturday nights, then it was Saturday and Sunday, then Wednesdays were added on and now it seems to be four or five times a week. So what time was there left to operate when I have business estimates to take care of the other nights and C.D. on Friday nights. Oh well, then I sold my tower and that put me off the air for good. I sold my tower because we are getting married in November and my folks don't want a 60 ft. tower standing in the back yard when I'm no longer living at home and beside the money was handy. As far as mobile operating goes, I get on the air once in a while and talk to the fellows and when Diane is with me she joins in and says a few words but usually I'd rather turn the rig off and do something else???

Well as far as I can figure out it really isn't that ham radio and girls don't mix but rather girls are more interesting than ham radio. It seems that most fellows between 17 and 25 feel the same way. If they aren't dating they are quite active but as soon as that YL comes along they seem to disappear, but just like everything else they eventually return to the air, usually with new and better equipment, SOMETIMES.

If not, the sure fire cure for this problem is to get the XYL a ticket but then as they say WOMEN do all the talking so your diner is usually late, you have to do the dishes, and you never get to use the rig. The only cure for this is to either hide the license manual or have two separate stations. Then everyone is happy and T.V. diners aren't that bad anyhow and there are no dishes to do. If you can figure out a better solution than this let me know because I might need one.

WB2NOK, Bob

THE EDITOR SPEAKS: K3JJZ

(Not really speaks, but writes.) It gives me the utmost pleasure to inform you that I judge this issue of CHEESE BITS the best yet. Why?? Very simple. This issue is a complete Pack Rat issue. All of the info with the exception of ARRL Bulletins is by or about Pack Rats. My deepest appreciation to the following:

- WA3BIV, Carl Barrish
- W3CL, Harry Stein
- WB2NOK, Bob Jaep
- K3WEU, Paul Behrmann
- K3BPP, Walt Bowman
- W2EIF, Jo Kilgore
- K3HSS, Charley Lustick
- W3LHF, Dave Zimmerman
- W3ZRR, Ray Whitehead

Keep up the good work!

K3JJZ, E1

DID YOU KNOW THAT

K3GAS, Doc Cutler, deserves 95% of the credit for getting out the last issue of CHEESE BITS. Our regular typist was on vacation, so between Doc and his harmonic Alan the typing and layout chores were accomplished. Many thanks to you both for an excellent job.

K3IUU, Bert Soltoff's No. 2 son Michael is just over the mumps. I hope he made out better than the O.M. did on 1296 mc.

WA3BIV, Carl Barrish, now has that high power linear that belonged to K3ZPN, Lloyd Schoenig. Guess what? It doesn't seem to splatter now. I wonder if Lloyd wasn't having operator malfunctions rather than problems with the rig?

Ham Monitor deserves credit for the two quips on Page 4 of last month's issue. Excuse our slip folks.

K3ZPQ, Bob Elmer, passed his advanced class license.

A proposal has been made to increase the annual membership dues. If you want to express your opinion make it your business to attend the October meeting.

Mark Zimmerman, harmonic of W3LHF, Dave Zimmerman, was instrumental in assisting yours truly with the games at the picnic on August 11 - many thanks Mark.

SWAP SHOP

Conducted By: W3ZRR, Ray Whitehead
4534 N. Smedley St.
Phila., Pa. 19140
215 - 324-5910

FOR SALE

- 1 2M Amplifier with PS, 5894 Final, 500 Volt P.S. \$12.00
- SX 85 RCVR with Factory S Meter Heathkit Q-Multiplier \$65.00
- 1 6M Single Ring Halo Matches Rg 58 U \$12.00
- Makings of 60 W Modulator (Chassis, all components, 70 BE sockets, and CV M-2, 60 W Multitrap Transformer UTC - no tubes) \$25.00
- Craftsmen Soldering Gun Model 100 Dual Heat with Light, 2 extra tips \$5.00
- EICO Signal Generator Model 324 with Probes new \$25.00

CONTACT: WA3HVL, Don DeRosa
93 Rusemore Street
Philadelphia, Pa.
LI 9-3622

Sell, but prefer to Swap
- Modulator - Pair of 807's w/supply
- Set of Millen Wavemeters
- Junque (high class junk)
Want

- General Coverage Receiver
CONTACT: WA3BIV, Carl Barish
7948 Thouron Avenue
Philadelphia, Pa.
LI 9-8765

THE CASE OF MARY Continued

Let us deluge Harry with your donations, large and small... perhaps even adopt Mary as our pet...for you never really own anything, or love it, until you have given it away.

very 73
K3WEU, Paul

MEMBERSHIP

Applied for membership:
WA3HEZ, Norman Schreiber
Sponsored by W3HK and K3EOD
WA3JSR, Ben Ginsberg
Sponsored by W3HK and K3WEU

COMMITTEE CHAIRMEN

Jan. Contest - K3DUC, Phil Delano
Program - W3MFY, Pres Funk
Membership - W3CL, Hary Stein
Ladies Night - K3KTY, John Tate
Certificate - W2EIF, Jo Kilgore
June QSO Pty.- K3ZPN, Lloyd Schoenig

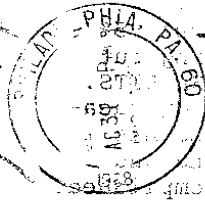
MEETING NOTICES

The next DIRECTORS MEETING will be held on Wednesday, September 11 at the QTH of W3CL, Harry Stein, 2087 Parkdale Avenue, Glenside, Pennsylvania.

The next GENERAL MEETING will be held on Wednesday, September 18 at the QTH of W3JSD, John Hauser, 612 Pinney Road, Huntington Valley. The subject of the evening will be "White Elephant Sale". Bring good useable junk. This is that great event where all those things that have been gathering dust in your cellar proceed to do the same in someone else's cellar, for the next year anyhow. Boy, if one of those "Elephants" could only talk. What a history might be told. Carl, there's a story topic for you.

PAGE TWO

8533 ALCON AVENUE
PHILA., PA. 19152



CONTACT: ...
1738 Thompson Avenue

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

THE CASE OF ...

... have given it ...

MEETING NOTICE

... sponsored by ...

COMMITTEE CHAIRMAN

Janet Conroy - ...

... will be ...

... topics for your ...

many thanks to you both for an excellent ...

... belonged to ...

... the two ...

... last month ...

... your ...

... in October ...

... Mary ...

... address ...

... 100 ...

... 100 ...

... 100 ...

... 100 ...