

PACK RATS'



PACK RATS

CLUB CALL: W3CCX

MT. AIRY VHF RADIO CLUB, INC.

CHEESE BITS



MT. AIRY V.H.F. RADIO CLUB, INC., PHILA., PA.
(50.2, 145.2, 221.4, 432.03 & 1296.3 Mc)

AFFILIATED CLUB: AMERICAN RADIO RELAY LEAGUE

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

VOLUME V

JUNE, 1972

NUMBER 6

THE PREZ SEZ

Our thanks this month go to our annual "Ladies Nite" chairman, K3KTY, John. As usual, he did an excellent job in the organization of it and I know we all had a great time.

We, of the Mt. Airy Radio Club, were again privileged to have W1HDQ, Ed Tilton, as our speaker of the evening for our May meeting. As seems to be a habit with him, he brought along and presented to us our 12th gavel for being highest scorer and winner of the January VHF Contest. It was also our pleasure to present to Ed a plaque from our Club in appreciation of his years in VHF and the ARRL association. We all wish you well in your retirement and will be looking for you on the bands.

It was also our pleasure to have the Atlantic Division Director with us, Connie Mac, W3SW/W3EPC and our own W3HK, George Van Dyke, Jr. SCM of Eastern Pennsylvania. A presentation of a plaque from the ARRL by Connie Mac, W3EPC to W3QY for the best cover article in 1971 QST, was also given. We would like to thank you Connie for the information you brought us on the latest FCC Docket and the lively informative discussion you participated in.

Nominations have been made for the coming year and those proposed are listed in Cheese Bits. So get to the June meeting and root for your candidate.

W3CJU, Don

DEADLINE FOR ARTICLES IS THE GENERAL MEMBERSHIP MEETING.

EDITOR:

K3JJZ, Elliott Weisman, ARNS
8533 Algon Avenue
Philadelphia, Pa. 19152
215 - PI 2-3525

DIRECTORS:

K3JJZ, Elliott Weisman
WA3AXV, Ron Whitsel
W3FQD, Dick Huntzinger
WA3LNH, Charles Benavides
K3UJD, Mario Fontana
K3CIV, Ralph Hersh
(Ex-Officio)

TRUSTEE OF CLUB CALL: W3CCX

W3SAO, Francis Brick
821 W. Lindley Avenue
Philadelphia, Pa. 19141
215 - DA 4-7524

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AWARDS CHAIRMAN:

W2EIF, Joseph Kilgore
#5 Sunnybrook Court
Stratford, New Jersey

* * * * *

MEMBERSHIP: To Retired Status:

WB2OAD, Will Power
New Member:

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

WA3AQA, Walt Zumbach
302 Elm Avenue
Glenside, Pa.

MONDAY NIGHT NETS:

145.2 - 7:30 P.M.
50.2 - 8:30 P.M.
221.4 - 9:00 P.M.
432.03 - 9:30 P.M.
1296.3 - 10:00 P.M.

Applied for Membership:

WA2HVD, Richard Bokern
1779 Longfellow Drive
Cherry Hill, New Jersey

FRIDAY NIGHT NET: ATV NET

439.250 - 19:00 HRS.

OFFICERS:

1971 - 1972

PRESIDENT: W3CJU, Don Hampton
VICE-PRES.: K3BPP, Walt Bohlman
TREASURER: K3GAS, Doc Cutler
CORRES. SEC.: W3SAO, Francis Brick
REC. SEC.: WA3BIV, Carl Barish

PACK RAT PICNIC

SUNDAY

AUGUST 13, 1972

FORT WASHINGTON STATE PARK
FLOURTOWN, PENNA

- No Flea market or swap shop... just a good old-FASHIONED fun day in the country
- Door prizes for hams, ladies, and children
- Free soda
- Mini-hidden transmitter hunt... Bring an AM transistor radio
- Bingo for the ladies
- QCWA eyeball visits
- Childrens Games and Prizes
- Adult Games...the Famous "EGG TOSS"
- Bring Your Camera
- All invited... Members and friends of The Mt. Airy VHF Radio Club
- Free tables and Free Parking
- Barbeque Pits Available
- Bring your QSL card for display... Let others know you are here
- Rain Date..... August 20

WATCH FOR DIRECTION SIGNS ALONG 309 EXPRESSWAY ;
BETHLEHEM PIKE, and ROUTE 73 (Church Road)

Talk - In 50.2 AM
146.94 FM

Special QSL Card From W3CCX /3

Registration \$ 2.00 per Family
at the Park

CALENDAR OF COMING EVENTS

Syllabus by Lee, K3MXM

JUNE

- 4 Ninth Penn-Central Hamfest. Township Fire Grounds, Winfield Pa. Swapshop, Auction, etc. Gate registration \$2.50.
- 9 Set-up Party for June QSO Party, Hilltown, PA.
Warm bodies are needed to help hoist the masts, string the wires and drive the anchor stakes.
- 10-11 JUNE QSO PARTY -All members are asked to help make the club a double winner for the year. Stations will be operating on 6-2-220-432-1296 and 2300 MHz. Other clubs the operators will contact but we need your contact to work the club station W3CCX/3. Pick your mode am-cw or ssb we will be looking for your call. WA3LNH, Chuck Benavides, Chairman
- 14 Board of Directors Meeting. QTH to be announced on nets.
- 21 General Club Meeting - West Oak Lane Jewish Community Center
Voting for new Club Officers. Special Guest Speaker of the evening, Mr. Ed Clegg. A display of some of the new equipment offered by his company and a discussion of the pending regulations for the 220 gang. Come on out - this should be lively and interesting. Members, guests and friends invited. Refreshments!

JULY

- 12 Board of Directors Meeting.
- 19 First outdoor meeting of the year. QTH, W3ZD, Dave Zimmerman Warminster, PA.
We are starting off the summer meeting with a bang, a gavel bang, the famous Zimmerman's Gulch Auction. This is the clubs big auction of the year. Start looking over those extra items in the shack and prepare to exchange them for that long green. The club gets a wee 10% but look at what you will get! Other clubs and members cordially invited.

AUGUST

- 9 Board of Director's Meeting.
- 13 PACK RAT PICNIC - Ft. Washington State Park, Flourtown PA.
Mark this date with a red ring on your calendar. It will be the best picnic ever, many surprises and a day to be remembered. Many more details to come, just keep the date open and be prepared to bring the whole family out!

CALENDAR OF COMING EVENTS CONTINUED

AUGUST

16 Second Outdoor Meeting of the year. Social and Movie Nite QTH, K3IUUV, Bert Soltóff. Films, slides, special narration, XYL's and YL's especially invited.

SEPTEMBER

20 Third Outdoor Meeting, White Elephant Sale Nite.

OCTOBER

1 "HAMARAMA" The First Pack Rat Hamfest, Jamison, Pa. The committees have held meetings, plans are being firmed up, announcements are being sent out and this new project is well underway. A lot of help will be needed so contact Dave Zimmerman, W3ZD if you are available.

22 Gaithersburg Hamfest.

* * * * *

"LADIES NITE"
De K3KTY

The 16th Annual Ladies Nite was held at the Buck Hotel, May 6, 1972. Many plaques were given out for net controls. The most surprised one there was "Doc" Cutler who was "Man of The Year". Doc was on the Committee and still did not know he was the chosen one. A real good time was had by all, but we missed you!

* * * * *

VISITORS AT THE MAY MEETING

- | | |
|------------------------------------|----------------------------------|
| WA3RCA, Pete, Glenside, Pa. | WA3DTA, George, Cheltenham, Pa. |
| WA3RBF, Don, N.E. Phila., Pa. | W3SW, Connie Mac, Potomac, Md. |
| WA3QPP, Joe, Glenside, Pa. | W3QY, Gene, Phila., Pa. |
| K2UYH, Alan, Trenton, N.J. | W1HDQ, Ed, Newington, Conn. |
| WA2VTR, Dolph, Spring Valley, N.Y. | WA3FAA, Howard, North Hills, Pa. |
| WA2LTM, Doug, Cranbury, N.J. | WA3HOW, Bob, Warminster, Pa. |
| W3ZFW, George, Perkasio, Pa. | WA3INW, Bob, Melrose Park, Pa. |
| Paul Lamhut, Freehold, N.J. | |
| Paul Hencik, Holmdel, N.J. | |

JUNE

17

H A M F E S T

WHEN: JUNE 17 - 10:00 AM to 4:00 P.M.

WHERE: At THE STORE - KASS ELECTRONICS

TALK TO THE LEADING MANUFACTURERS & THEIR REPS.

ADVANCE REGISTRATION BY Q.S.L. - MAIL THEM IN & INCLUDE YOUR PHONE - YOU NEED NOT BE PRESENT TO WIN.

BRING YOUR F.M. RIG - P.A.R.A. WILL NET YOUR CRYSTALS - NO CHARGE. ALSO CHECK YOUR DEVIATION!

DOOR PRIZES! REFRESHMENTS.

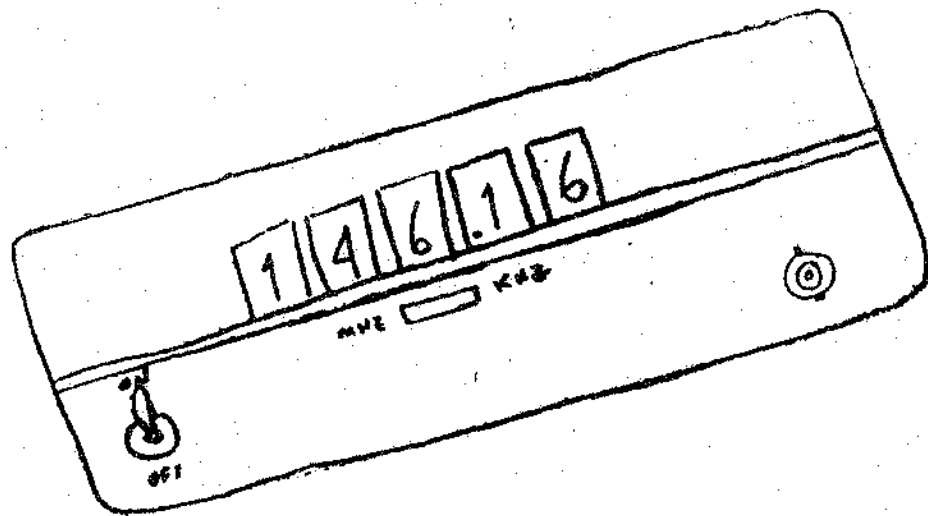
SPECIAL SPECIALS! KING SIZE TRADES

MARK YOUR CALENDAR! DON'T FORGET!

KASS ELECTRONICS - 2502 TOWNSHIP LINE RD.

MON - FRI 9:00 - 5:30 WED 9:00 - 9:00 DREXEL HILL, PA, 19026

SAT 9:00 - 2:00



Now in Stock — Standard &
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Counter to net them with.

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buy your crystals here!

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2502 TOWNSHIP LINE RD.
DREXEL HILL, PA, 19026
449-2300 528-6120
(SUBURBS) (PHILA)

MON - FRI 9:00 - 5:30 WED 9:00 - 9:00
SAT 9:00 - 2:00

NEW PRODUCTS OF INTEREST TO HAMS

By Lyn, W3NSI

- 1. FM Adaptor for use with Gonset Communicator.
This plug in modulator puts the transmitter section of any Gonset Communicator on FM. No modification or rewiring is necessary. Just plug one cable into mic jack, the other into crystal socket. Unit is only 4" x 3" x 1 1/2" and power comes from a 9 volt battery inside the case. Tone burst for keying some repeaters is available as a built in feature for \$10.00 extra. Cost, \$34.50. Palomar Engineers, Box 455 Escondido, California 92025

- 2. SSB Transmitter/Receiver unit.
The Hallicrafters company will soon introduce a self contained SSB/CW transceiver, the FPM 300. The unit uses modular construction techniques for easy service and adjustment. Frequency coverage is 80-10 meters with a 600 kc spread on each range. All solid state except for PA tubes, the new T/R, with a built in AC/DC power supply, weighs 25 pounds, and is more compact than any past Hallicrafter T/R in this power class. Cost, \$595.00. 600 Hicks Road, Rolling Meadows, Ill. 60008

- 3. Digital Frequency Display Unit. SB 650
This new Heathkit display can be used with any of the Heath Transmitters, Receivers, or Transceivers to give readouts of operating frequency on transmit and by use of a mixing process, also display the received frequency on any band from 80 - 10 meters with a six digit display. Frequency will be accurate to 100 hertz. Circuit is all solid state and uses 6 transistors and 35 ICs. Price \$180.00. Benton Harbor, Michigan 49022

SUMMARY OF DIRECTOR'S MEETING

By WA3BIV, Carl Barish

The unpleasant task of action against those dilinquent in dues has been initiated. The Corresponding Secretary has been instructed to write letters to those members and inform them of the situation. Because of the Hamarama, the auction meeting has been moved to July and the White Elephant Sale to Sept. The August meeting will remain a social night. Locations of the three outdoor meetings are July, W3ZD; August, K3IUU; Sept. will be announced latter. W3CJU, gave K3KTY a vote of appreciation for a successful Ladies Night. June QSO Party is the next affair and the Board discussed appropriations. The Board discussed the newly created Hamarama and K3UJD presented the Board with the Hamarama Committee' format. A tentative flyer was introduced. The investigation into requirements to copywrite the Club's technical manual being produced by W3FQD is proceeding smoothly. The Nominating Committee unveiled its slate for the elections.

SWAP SHOP

Wanted:

September & October, 1968
issues of Popular Electronics.
Contact: K3BOY, Mike Bortulin
215 - 666- 5344

FOR SALE:

Complete VHF Receiving Set-up
Clegg Intereptor Receiver
(6 and 2 meters)
Plus 220 Conv. (Ameco)
and 432 Conv. (Centimeg)
which have designed out puts for
the above receiver.
All for only \$225.00.

CONTACT:

K3IPM, Stan Smith
133 Hogeland Road
Southampton, Pa. 18966
355-2867

For Sale:

Complete mobile Motorola Trans-
ceiver Model T51GGV with crystals
& ovens. For 52.525 and repeater.
Also, included is control cable,
head, speaker and mike. \$125.00

Motorola T51GGV modified to 2
meters \$40.00 when paired with
item No. 1

HY-Gain 5 band trap doublet
antenna model 5BDQ with 150 ft.
RC8U , \$35.00.

CONTACT:

K3BCP/K2GUC
Thomas F. Nolan
360 Lakeside Drive
Levittown, Pa. 19054

Thurs. Morning 5/18

Dear El:

I don't know whether you want this info or not, but George, W3HK, didn't know, at the time he wrote his article, that there were some hams represented during the Annual Exercise of the Philadelphia County Medical Society on the first Wednesday in May. This is not meant to take any of the "sting" out of George's epistle, but, in all fairness to those that did show, credit should be given. Most of the calls are representing the Suburban ARC with one or two from our own. WA3RLH, WA3OTI, WA3IFL, WA3MTB, WA3RZP, and WA3FOF. There were others who checked in but these had specific duties to do, hospitals to cover, etc.

73,

Woody, W3PST

"1296 DXpedition to Delaware"

K1SFF/3

The 1296 DXpedition to Delaware has been postponed. Two locations in northern Delaware had been scouted. Permission to operate at one (a fire tower) had been obtained. Permission to operate at the second (a tall new building) was highly probable. Two weeks before the DXpedition the person in charge of the fire tower became sick and was hospitalized. He was unable therefore to assume responsibility for our project. The Board of Directors of the Corporation that owns the tall building decided that since the building was still under construction, they could not give us permission to operate there. However, they said that we would be welcome after the building is finished in late summer. The DXpedition has been tentatively scheduled for late September or early October. All those who were readying equipment to try to work the Delaware expedition are invited to check out their gear by working W3CCX/3 on 1296 MHz during the June Contest. W3CCX/3 will be operating from Hilltown, Pa. on the 10th and 11th of June, 1972.

* * * * *

The nominating committee presents the following slate of officers and Board of Directors as candidates for election to serve the Mt. Airy VHF Radio Club, Inc. during 1972-1973:

President - K3BPP, Walt Bohlman

K3KTY, John Tate

Vice-President - W3FQD, Dick Huntzinger

WA3LNH, Chuck Benavides

Recording Secretary - WA3BIV, Carl Barish

WA3DJF, Carl Mattiace

Corresponding Secretary - W3SAO, Francis Brick

Treasurer - K3GAS, Doc Cutler

Board of Directors:

K3EPB, Howard Fretz

K3IGX, Dick Boyle

WA3NGK, Harry Brown

K1SFF/3, Tony Souza

K3ZSG, Bill Murphy

Nominations may be made from the floor at the June 21st election meeting. Obtain concurrence before placing a candidate in nomination.

W3CL, Harry Stein

Chairman, Nominating Committee

11

VHF REPORT

Jo, W2EIF

The two meter band has maintained its activity throughout the past year, particularly at the low frequency end of the band. Activity North of New York City has dropped off. Boston area stations are usually heard on nets but not otherwise. This type of "once a week activity" does not keep a band active. There was an aurora on Monday, May 15, 1972, from 6:00 p.m. to after 11:00 p.m. Results were good on 2 meters with stations in Wisconsin, Ill, VE2 and Maine being heard and worked.

The six meter band has been opening lately starting the 1st week in May. Oregon, Arizona and New Mexico have been heard and worked as well as many on the 400 to 1200 mile range. The aurora on May 15th produced a lot of contacts on those hard to work close in areas.

The 220 MHz band is low in activity but have worked KLPXE in Connecticut quite often. VE3DSS in Toronto has high power on 220 and was heard by W2EIF, 5X3X9. Unfortunately, W2EIF was running low power CW at the time and although heard by VE3DSS, the signal was not strong enough to make a QSO. 432 MHz seems to be going as normal. W2AZL reports that K8RPL in Ohio is coming through on CW quite often. I do not operate 1296 MHz but there is some info on activity to the West. W8DGF in Cleveland has worked W8YLO in Michigan (150 miles) with 8 watts. This was his driver, the final (100 watts) was not working at the time. It is also reported that W3RUE in Western Pennsylvania as also on 1296 MHz using low power.

* * * * *

USE IT OR LOSE IT -THE 220 Mhz Band

By Dan Franklin, WB2AYZ

Amateur Radio is not what it used to be - at least in the eyes of other users of the radio spectrum. It should not come as a surprise, then, that occasionally other services eye the amateur bands with a view toward confiscation. It must be admitted that activity on some bands, although increasing, is not as great as could be desired to make a good case for our continuing use of these bands. A good example is the 220 MHz or 1 1/4 meter band. Activity on two meters and on 432 MHz is much higher than on this band.

And so, we have a proposal before the FCC by the Citizen's Radio Section of the EIA to convert part of 220 into a Class E Citizens Radio Service. Eighty FM channels would be provided, presumably to be used by the same mixture of legitimate business services and ragchewing teenagers as the present class D.

Having lost one Ham band to CB'ers do we now want to lose part of another? It is time for all VHF amateurs who are worthy of the name to get on 220 MHz, to prove that we really do use the band. More important, everyone who cares should write to the FCC (The Chief of the FCC Amateur/Citizens Radio Division has recommended that all comments on the EIA proposal be

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USE IT OR LOSE IT - THE 220 Mhz BAND
CONTINUED

deferred until a Notice of Proposed Rulemaking on 220 MHz is put out. Write your letters now and be prepared.)

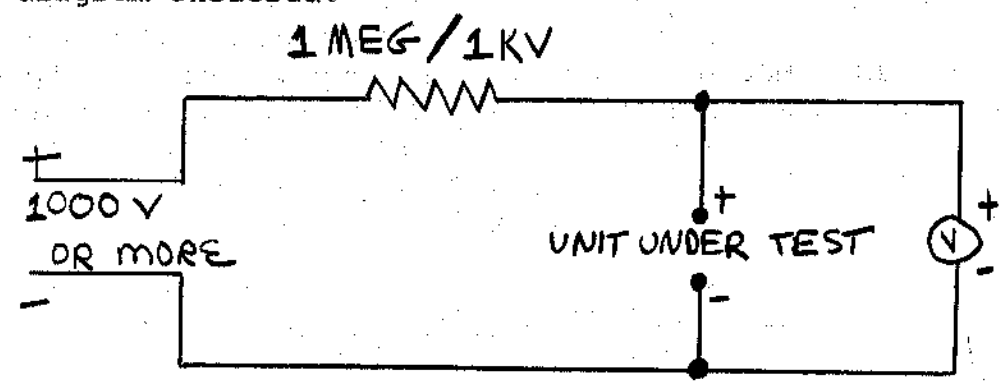
Write to: Federal Communications Commission
Amateur and Citizen Radio Division
Room 216
1919 "M" Street NW
Washington, D.C. 20554

LET'S NOT LET THIS BAND GO WITHOUT A FIGHT!!!!

(From K2DEL KNIGHT KNEWS via FLORIDA SKIP via W6SD CARRIER.)

TECHNIGRAM

Have been fooling around with a bunch of diodes, trying to separate the good from the bad. Finally came up with a scheme which works quite well, and which gives the voltage capability of the diode and in addition will form and voltage rate electrolyte condensers. There is a diagram enclosed.



The series resistor limits the current to 1 MA, so even 10 volt diodes or capacitors may be tested without damage. Electrolytics are formed very gradually and voltage-tested at the same time. The meter "V" is any voltmeter, or VOM.

Diodes should be connected to the test terminals with the diode cathode to circuit "positive"; capacitors are connected plus to plus.

July, 1971, Philmont Club

OR

THOUGHTS WHILE OPERATING CW ON 6

Well, Here we are again, I've been quiet for the last few months, but things are getting stuck half way down.

It seems we have four chickens and at least one buffoon writing for Cheese Bits. Of the chickens there is myself and the Grouch plus two who write under the initials O.W.H.N. The using of my Nom De Plume should be a compliment, but I really don't deserve credit for the slop! The latest insult was in the May Issue. I may be bitter, but that was sour grapes. He does have a point which should be burried in the posterior of at least some if not all of the Judges!! The power supply was beautiful - it didn't do anything - but it was beautiful.

Election time is coming up and glory be - they're running more than one nominee per office. I wonder who stepped on who's toes? Last time that happened they caught somebody with their contest log in the callbook, or was it visa versa??

This reminds me of the schump who wouldn't turn his log into the club this year. I wonder why? Maybe he was afraid to have it checked??

For some reason this brings me around to something new, something new - boy, that is something. The Hamarama, Hamfest Galore. We already have a Hamfest. It's called the Pack Rat Picnic. I wonder if this Hamarama is supposed to replace the Picnic? Not right away of course, but a couple of years from now or so. The payoff is even better. To the best of my memory one of the major organizers of the whole idiocy has never been to a Hamfest of the type planned. "Father forgive them for they know not what they do."

The above quote brings to mind something that has been gnawing at me for months. The Rat Rag better known as Cheese Bits. Four and a half pages of advertisements. One and a half pages of ax grinding for various member's personal projects. Three pages which are very interesting but also redundant in light of the talk given at a recent meeting. Two pages of coming events that range up to six months - yes six months away. One page of credits for the powers that be. Oh yes, eight pages of pertinent information about the club. All this arrives on the sixteenth of the month, a little late for a meeting notice of two weeks. See the Club Constitution and Bylaws. What happened to the Good Old Days when Cheese Bits was for and about the Club???

The Club, the Club, is it still a Club? Except for the idiotic contests, nobody seems to want to participate anymore. Do you realize that we have four officers and/or directors who haven't had a meeting at their place yet this year, while others have had two and even three meetings

CONTINUED

OR
THOUGHTS WHILE OPERATING ON CW 6
CONTINUED

by sheer necessity. That's the spirit boys, stick it to 'em.

Seems we don't have to worry about that EIA petition to give 220 to the CB'ers. They're already on VHF, check the high end of both six and two.

Getting back to the elections, I just realized that with luck, next year we may be the only club in the Nation with a thousand pounds of officers. Check the nominees for President through Recording Secretary in most cases you now have a choice between a middle weight and a heavy weight (they should be listed somewhere else in this issue). My only comment - "never trust a fat man. . . or a thin man either." Hi Hi.

Talking about fat men and of course my favorite subject. Contests!

Yes, it seems we won in January again, was there any doubt. Let's hope the guys running the June contest can duplicate the results. This is where the fat men come in: WA3LNH, WA3BIV and WA2KQI. There's a ton of fun alone! Let's hope that these fellows along with the other synergetics will at least improve on last years poor showing. If not, we can always tar and feather them. Hey, that might be fun.

One parting shot - I had heard that someone who is not a Pack Rat had won the January Contest. Now, I hear the top scores from the man from the league and I wonder what happened. Did the Newington boys check the logs this year???

The One and Only
Old What's His Name

* * * * *

DEAR O.W.H.N.

Well, you've really done it. "Something for everyone" wasn't quite a correct statement. What you mean is something for all of those who have enough guts to get involved, to take on responsibility and to be abused by the likes of you.

However, I will only comment on the Cheese Bits portion of your dissertation. 4 1/2 pages of ads are a true indication of the success of our ad manager. Members personel projects: did you ever stop to think that these members are willing to share their projects for the good of all in the Club. Redundant article - suppose you didn't make

CONTINUED

this meeting and again somebody thought enough of the membership to go to the effort of writing it all down. Don't knock it. Coming events - even with 6 months notice some guys will come up with "gee, I didn't know a thing about it."

Arrival - we were late, but it wasn't because of lack of effort. It still seems that the 16th comes before the 17th so you did get the paper before the meeting!

Paper for and about the Club: You bet it is, and thats why as Editor I elect to print your trash. You see, even though I dislike what you say, I find myself obligated to edit the paper so that all in the Club are represented. You could, of course, solve my dilemma by forgetting to pay your dues!

73,

El, K3JJZ

Editor

* * * * *

Dear O.W.H.N.:

I absolutely couldn't believe my eyes as I read your most recent epistle concerning various segments of the Mt. Airy VHF Radio Club. I found it to be a most shocking article without cause. To think that someone has the nerve to criticize others when he himself has room for improvement. While reading through your article, I found many corrections, which I will not go into as it would only be spiteful to criticize your work as you do others. Instead of always cutting up others just for the sake of something to say, why not do something about those things which you feel need improvement by giving valuable suggestions rather than a bunch of nonsense words made into sentences.

I just happen to know all about the Pack Rats Radio Club for probably longer than you, as I was practically born into the Club. All of my life I have been in some way associated with the Pack Rats and it has always been a smooth running, well oriented organization in which every-one got along like a family and things went smoothly and everyone pulled their weight in the way of Club participation. When I, myself, see all the hard work Club members do to keep the Club going, it annoys me to think that there is always one in the crowd to spoil things for everyone else. The Pack Rats are a bunch of hard working fun loving people striving for the best, and if you feel that by writing your garbage will attain this goal any faster or better, you are quite mistaken. I typed your articles several times and haven't said anything up to this point. However, I felt that I had to let you know exactly how I felt about what you were doing and I think that many people will agree with me about its reliability. To quote an old Indian Proverb: "Let me not criticize my neighbor till I have walked a mile in his moccasins." I think, O.W.H.N., your flame is about dying!



215 683-2140

JEROME E. GOMBERG
MANAGER

LAFAYETTE RADIO ELECTRONICS
of Cheltenham, Inc.

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HEATHKIT ELECTRONIC CENTER
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T. G. HALDIS
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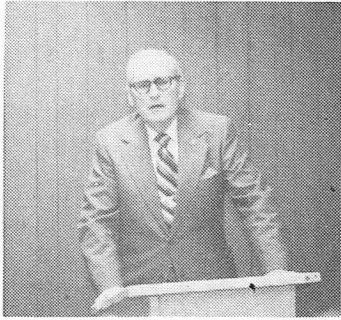
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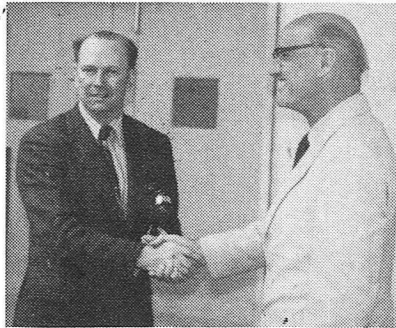
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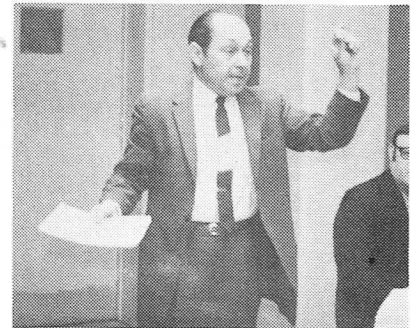
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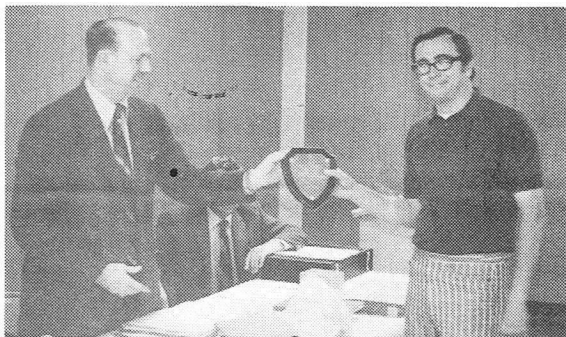
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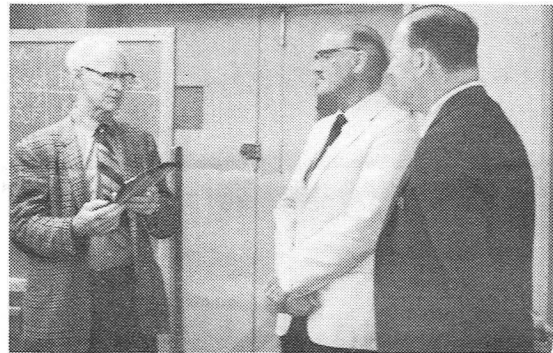
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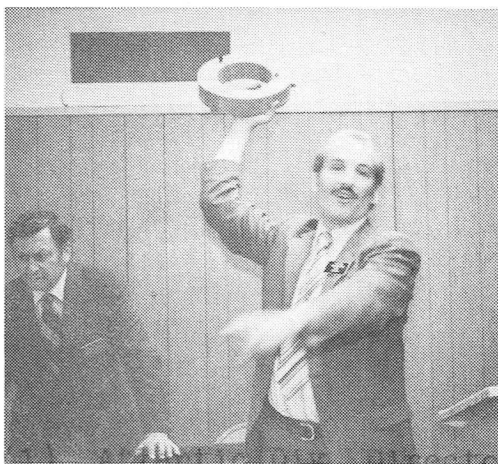
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(1) Atlantic Div. Director, W3SW, addressing members. (2) Our Prez, W3CJU, welcoming W1HDQ (3) K3UJD conducting raffle. Top prize was a pair of pink shorts. (4) THE WINNER!!! K3IPM receiving plaque for TOP SCORE in the 1972 VHF SS. (5) Turn about's fair play. W2HIF presents plaque to W1HDQ. (6) Chief Auctioneer, K3JJZ, prepares to deliver article to highest bidder. (7) K3GAS, our Treasurer, and W3CJU go over some last minute Bu\$ine\$\$.

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Presents 1st Annual

HAMARAMA

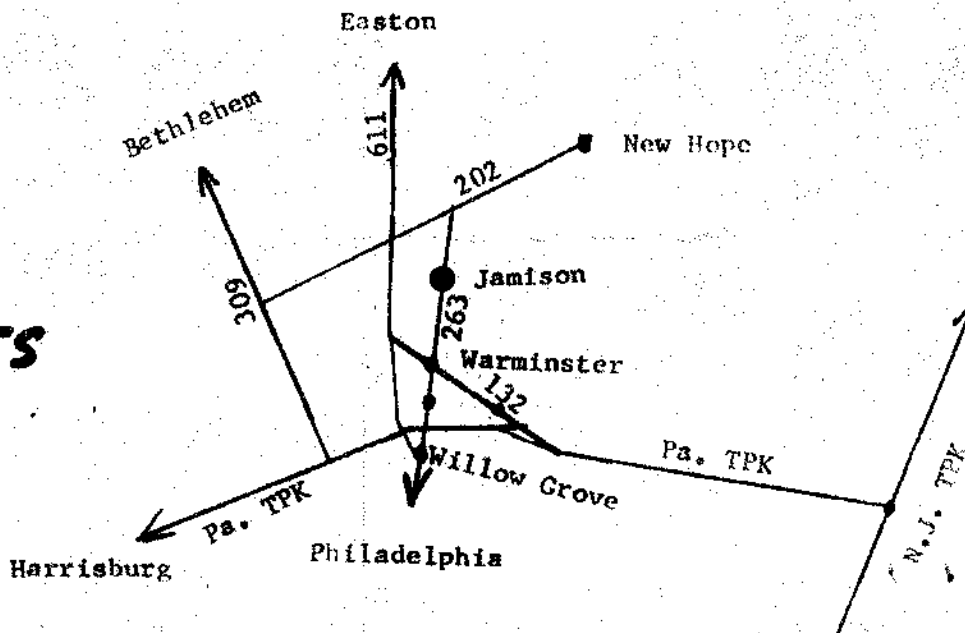
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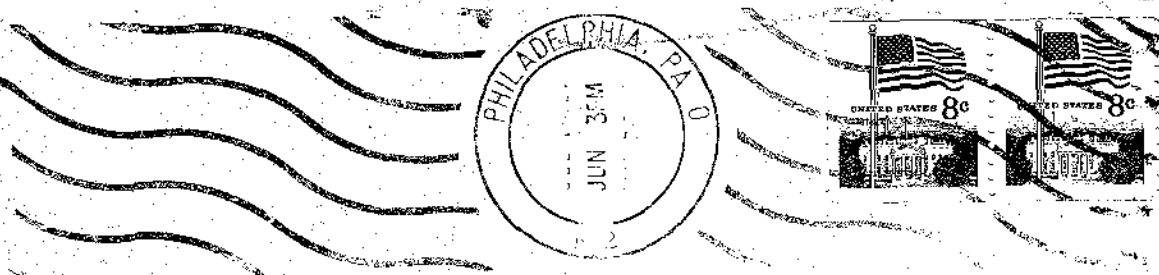
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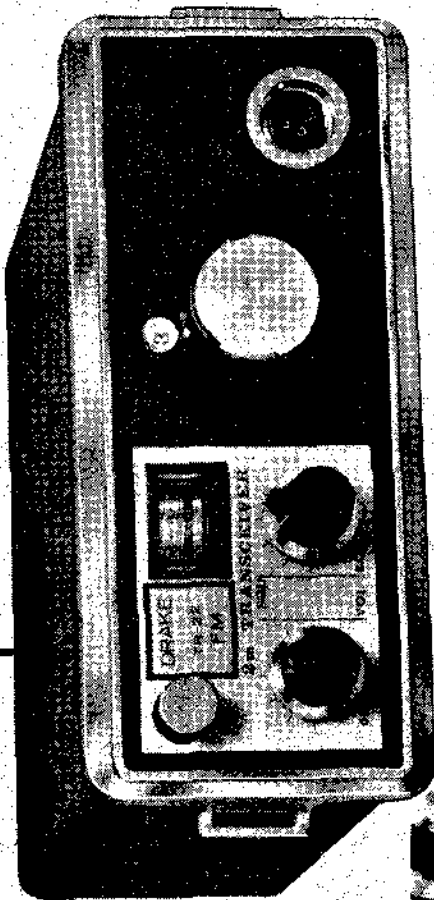
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