

PACK RATS



PACK RATS

CLUB CALL: W3CCX

MT. AIRY VHF RADIO CLUB, INC.

CHEESE BITS



MT. AIRY V.H.F. RADIO CLUB, INC., PHILADELPHIA PA. ARNS
(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 XV

MARCH, 1973

NUMBER 3

THE PREZ SEZ

Greetings for the month of March! I was quite pleased to see that the reports given during the Crying Towel meeting were somewhat less dramatic than those of past years. This means that most of the station equipment was in good working order by the time the contest rolled around. An interesting side note: El. K3JJZ, has been repairing K3EOD's rig for as long as I can remember. Looking back through some old Cheese Bits articles, El has some very amusing accounts written up. I just wanted to use this example to point out the treasure of reading material that can be found in old copies of Cheese Bits. New members take note and try to borrow back issues from some of the older members. Looking forward to future meetings, two interesting programs are coming up. They are, a moonbounce report by K2UYH this month, and an update on VHF/UHF converters next month. Home Brew Night was a huge success with fourteen participants. (Pictures elsewhere in this issue). Problems and solutions were discussed; it was a chance to get even with those construction articles that did not work. The Pack Rat moonbounce project is gathering momentum and hardware. Volunteers are still needed -- so don't be bashful!

The June Contest is under way with some of the details in this issue. This Contest provides a good chance for members to observe and operate some very sophisticated gear as well as a chance to try a new band.

73, Walt, K3BPP

Don't forget to fill out the attached post card and mail it promptly!
TU de W3CL.

MAKE THIS NOTE ON YOUR CALANDER: THE APRIL GENERAL MEETING WILL BE THE 4TH WEDNESDAY - APRIL 25TH INSTEAD OF THE THIRD WEDNESDAY!!

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 GENERAL MEMBERSHIP MEETING.

Swap Shop Items - No Charge

EDITOR:
W3CL, Harry B. Stein
2087 Parkdale Avenue
Glenside, Pa. 19038
215 - TU 7-5052

PUBLISHER AND SUBSCRIPTION MANAGER:
K3GAS, Doc Cutler
7815 New Second Street
Elkins Park, Pa. 19117
215 - ME 5-1078

PRINTER:
K3ZKO, Ron Cohen
6629 North 5th Street
Philadelphia, Pa. 19126
215 - 224-3036

TRUSTEE OF CLUB CALL: W3CCX
W3SAO, Francis Brick
821 W. Lindley Avenue
Philadelphia, Pa. 19141
215 - DA 4-7524

AWARDS CHAIRMAN:
W2EIF, Joseph Kilgore
#5 Sunnybrook Court
Stratford, New Jersey

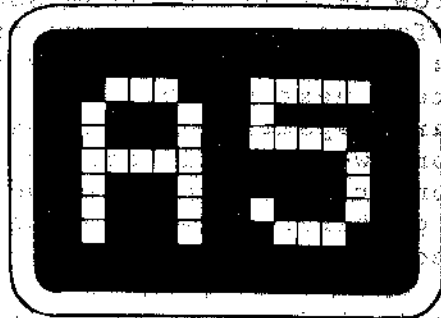
OFFICERS: 1972-1973
PRESIDENT: K3BPP, Walt Bohlman
VICE.PRES.: W3FQD, Dick Huntzinger
TREASURER: K3GAS, Doc Cutler
CORRES.SEC.: W3SAO, Francis Brick
REC.SEC.: WA3BIV, Carl Barish

DIRECTORS:
W3CJU, Don Hampton
WA3AXV, Ron Whitsel
WA3NGK, Harry Brown
K1SFF/3, Tony Souza
K3ZSG, Bill Murphy
K3CIV, Ralph Hersh
(Ex-Officio)

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

MONDAY NIGHT NETS: NET CONTROL
145.2 - 7:30 P.M. W2EIF
50.2 - 8:30 P.M. W3CL/W3GEM
221.4 - 9:00 P.M. K3GAS
432.03 - 9:30 P.M. K3FUV
1296.3 - 10:00 P.M. K1SFF/3

FRIDAY NIGHT NET: NET CONTROL
439.250 ATV NET - K3ZKO/WA3AXV
19:00 Hrs.



**AMATEUR TELEVISION
MAGAZINE**

Fast and Slow Scan

SUBSCRIBE: \$2.50 a year for six issues of ATV facts, P.O.Box 6512, Phila, Penna. 19138

CALENDAR OF COMING EVENTS

Syllabus by Lee, K3MXM

MARCH

- 7 Combined June QSO Contest Preparation Committee and Hamarama Meeting, QTH W3ZD. 8:00 P.M. Band Chairmen and interested parties invited. There is much work to be done and several openings are still available on both committees.
- 10-11 Itchykoo Park VHF World Wide Contest. See February QST, Page 97 for details.
- 14 Board of Directors Meeting, QTH K3MXM. Lee A. Cohen.
- 21 General Club Meeting Starts at 8:00 P.M. Guest speaker, Mr. Al Katz, K2UYH. "432 Moonbounce is Easier Than You Think" This should be a most interesting meeting in light that the club now has its own moonbounce project under the direction of Chuck Benavides, WA3LNH. Come and listen to the man who has done this moonbounce transmissions many times and has been written about it in most of the major Ham Magazines. Members and guests are cordially invited. Refreshments will be served.
- 24 QCWA Dinner Meeting. Buck Hotel, Feasterville, Pa. (Delaware Valley Chapter) Speaker, Inspector Ray Nugent Phila. Police Community Relations.

APRIL

- 8 2nd Annual Greater Baltimore Hamboree - Calvert Hall College, Towson, Md. Directions are available from Club members or write to Joseph A. Lochte, WA3LAD, 5400 Roland Avenue, Baltimore, Md. 21210 for a flyer and map.
- 14-15 Space Net Contest Honoring Apollo 13 and 16. More details to follow.
- 18 General Club Meeting, topic - Converters, How and why they work and don't work. All the latest information of newest hardware and components.
- 27-28 Dayton Hamvention - Wampler's Convention Center, Starts 12 noon Friday.
BUS TRIP: The Penn Wireless Club is sponsoring a bus trip to the Dayton Hamfest. Leaves Friday night, April 27, returns Sunday morning April 29th. \$25.00 round trip. (Normal bus fare \$66.90) Contact WA3OUM, Don Palace, Tel. 295-2436.
- 28 Emergency Drill - ARPSA participation. WA3HIT will give more info. on Pack Rat Nets and on AREC Net on Thurs. evenings at 8:30 P.M. on 50.7 Mhz.

MAY

- 5 Ladies Night - Buck Hotel. W3HK - Master of Ceremonies. K3UJD Entertainment Committee. W3KTY, General Manager and Arranger.
- 16 General Club Meeting - ARRL Night. A special speaker from Headquarters. Should be a most interesting meeting considering that the League is taking a new stand and policy on the newest and newer FCC rulings and proposals. This will be an open meeting to all members, local clubs and of course, friends.

JUNE

- 9-10 JUNE QSO Party and Contest, Hilltown, Pa. K1SFF/3, Chairman.

NEW PRODUCTS OF INTEREST TO HAMS

By Lyn, W3NSI

1. FM TRANSMITTER/RECEIVER: The New Midland 13-500, 15 watt FM unit has 12 channels and a choice of 1 or 15 watts of output. Three channels are supplied 146.16/76, 146.34/94, and 146.94 simplex. Each of the T/R xtals has a trimmer for frequency adjustment, unlike most 2M FM units which have trimmers only on the transmit channels. A connector is built in for use with a tone burst unit, where such would be needed to turn a repeater on. A meter reads FSM on transmit and is used as an S meter on receive. Price, \$250.00 P.O. Box 19032 Kansas City, Missouri 64141.

2. TEMPO 6N2 AMPLIFIER: The 6N2 will run 2000 PEP or 1000 watts input on CW or FM on 6 and 2 meters. The amplifier is built into a rather small cabinet considering the power, and contains a solid state P.S. and output indicator, also blower. Price \$595, Henry Radio, 11240 W. Olympic Boulevard, Los Angeles, California 90064.

3. FREQUENCY COUNTER: The new Y & C counter unit is very compact, 2x5x7 inches, and will count from 10 Hz to 80 Mhz, with most units going over 100 Mhz. The LED readout uses 5 digits plus over-range. The unit will work on 12 VDC or 120 VAC. Price \$250.00. Y & C Electronics, P.O. Box 1672 Vista, California 92083.

VISITORS AT FEBRUARY 21st MEETING

- | | |
|---|-------------------------------------|
| K1LOG, Rick Commo, Boston, Mass. | WA3PUL, Michael Nessen, Phila., Pa. |
| K3ATL, Frank Hormann, W. Chester, Pa. | WA3SPR, George Kugler, Phila., Pa. |
| WA3AXH, Thomas A. Scheid, Norristown, Pa. | WN3TUL, Glenn Codrick, Phila., Pa. |
| K3HIN, Richard Albert, Phila., Pa. | |

Call Letter Change: WA3BIV is now WA2MWB

New Member: K3HIN, Richard Albert (XYL Susan)
11219 Halstead St.
Phila., Pa. 19116
215 - OR 6-2264

- Application for Membership:
- | | |
|--|--|
| WA3AXH, Thomas A. Scheid
1000 Pine Street
Norristown, Pa. 19401 | WA3PUL, Michael Nessen
905 69th Avenue
Philadelphia, Pa. 19126 |
| WA3SPR, George C. Kugler
6124 North 4th Street
Philadelphia, Pa. 19120 | |

ADVANCE NOTICE FROM THE SCM EPA

The Mt. Airy VHF Radio Club has taken on the big job of running an ARRL Atlantic Div. Convention in 1976, to be held in the Delaware Valley; the first here since 1929. It is hoped that this will be a combined effort of all the many clubs in the Phila. Metropolitan area. More details will be forthcoming as soon as they are available. In the meantime, all local clubs will be contacted for their support in any way possible: Planning, administration, fiscal or just morale! A meeting of all interested parties will be held in the near future and clubs will be asked to send a representative who can speak for his group in making up final plans. IT IS NOT TOO SOON! Let's make this a real good one for all Hams to remember!!

73, George W3HK

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

RAT ADS



ham radio the most interesting amateur magazine:

1 Year \$6.00, 3 Years \$12.00
HAM RADIO MAGAZINE
Greenville, N.H. 03048

73 MAGAZINE for VHF
NEWS - CONSTRUCTION
1 YR \$6 SUB PLUS \$3 VHF ANT Woodbook
Special \$7 to Pack Club Readers
73 Magazine Peterborough NH 03468

(215) TU7-8052

W3CL



NE 7-8329

HARRY B. STEIN ASSOCIATES
COMMUNICATIONS CONSULTANTS

AMERICAN RADIO RELAY LEAGUE, Inc.
HARRY A. McCONAGHY, W3SW/W3EPC
DIRECTOR, ATLANTIC DIVISION, ARRL

GEORGE S. VAN DYKE, JR., P.E.
CONSULTING ENGINEER

HARRY B. STEIN

2097 PARKDALE AVE.
GLENSIDE, PA. 19038

"Confe-Mac"

W3HK

4807 CONVENT LANE
PHILA., PA. 19114

* * * * *

SWAP SHOP

K3BOY, Mike needs a 5UPl scope tube. 1080 Betzwood Dr., Norristown, Pa. 19401. 215 - 666-5344

W2HDC (Ex-K3AFT) Joe Mortimer looking for 2 mtr and 220 gear. 229 Heron Rd., Tuckerton, N.J. 08087

FOR SALE:
Polycomm 62B Transceiver, \$100
2 meter Gonset IV \$125
Globe Scout Transmitter \$ 25

CONTACT:
Al Miller, WB2DOJ
631 Jefferson St.
Riverside, N.J. 08075
609-461-5136

FOR SALE:
4 element Hi Gain 6 meter beam No. 64-B (230) with instructions. Good condition, Bargain. \$12.00
CONTACT:
Joe Rushton, W3YXF
107 Rosewood Drive
Lansdale, Pa. 19446
215-855-7799

FOR SALE:
Heath 2er, \$25.00. HG10 VFO, tunes from 80 meters to 2 meters inclusive & an external power supply for VFO. Two items combined, \$35.00.
CONTACT: Fred Bausch, WA3RTA
DA 9-7355, call between 12:30 p.m. and 2:00 p.m. Mon - Fri, Sat. & Sun. all day.



215 895-2140

JEROME E. GOMBERG
MANAGER

LAFAYETTE RADIO ELECTRONICS
of Cheltenham, Inc.

8155 OGONTZ AVENUE WYNGOTE, PA. 19095



ELECTRONIC CENTER
SCHLUMBERGER PRODUCTS CORP.
OVER 300 ELECTRONIC KITS

TED HALDIS
MANAGER
K3EPK

6318 ROOSEVELT BLVD.
PHILA., PA. 19140

TELEPHONE
815 CU 8-0180



215 265-3300

BILL HAUSE
MANAGER

LAFAYETTE RADIO ELECTRONICS
Corp. of King of Prussia
KING OF PRUSSIA PLAZA KING OF PRUSSIA, PA. 19408



(609) 981-3020

PAR ELECTRONICS

STEREO, HAM, CB, TEST EQUIP., TV'S
NEW & USED BOUGHT & SOLD
COMPLETE REPAIR SERVICE - FCC LICENSED

PETE
WB2NRU

300 W. KINGS HWAY
MT. EPHRAIM, N. J. 08058

HALLICRAFTERS
FACTORY AUTHORIZED
SERVICE

BUS. (215) MI 6-2511
RES. (215) 277-5883

ELECTRONIC EXCHANGE

ALL TYPES OF HAM GEAR & ELECTRONIC EQUIPMENT
BOUGHT, SOLD, TRADED & REPAIRED

new & used

antennas

GORDON R. KITTEL
K3AIG

311 E. WALNUT ST.
(N. WALES RD.)
NORTH WALES, PA. 19454

TURNER 6-0398

WA3KNM

Karpatis Electronics

ELECTRONIC INSTRUMENTS
REPAIR & CALIBRATION

N. B. S.
TRACEABILITY

2136 PARKDALE AVE.
GLENSIDE, PA. 19038

OLDFIELD 8-4440



RESO ELECTRONICS A Division of Amco, Inc.
Radio Electric Service Co. of Pa.

DISTRIBUTORS OF ELECTRONIC EQUIPMENT

EUGENE CASTROVILLO
MANAGER

29 YORK ROAD
WILLOW GROVE, PA. 19090



AMIL S. GUMULA
PRESIDENT

A. G. RADIO PARTS CO.
939 TOWNSHIP LINE RD.
ELKINS PARK, PENNA. 19117
TELEPHONE: 215-886-5100

RCA Authorized
Distributor

Vince Barr, **WA3ICS**

Suburbs: (215) 448-2300
Phila. (215) 528-6120

KASS ELECTRONICS DISTRIBUTORS

DISTRIBUTORS OF
RADIO - TELEVISION PRODUCTS
INDUSTRIAL ELECTRONIC PARTS & EQUIPMENT



2502 TOWNSHIP LINE ROAD
(West of Lansdowne Avenue)
DREXEL HILL, PA. 19026



BARRACKS
TRADING POST

Camping • Electronics • Canvas

ROUTE 38 at RUDDEROW AVENUE
MAPLE SHADE, NEW JERSEY 08052

HARVEY PRIMOST 662-6114

(609) 663-9238

SWEETMAN CALIBRATION SERVICES
ELECTRONIC TEST EQUIPMENT CALIBRATION

GERHARD J. SWEETMAN

2672 GLADWYN ROAD
PENNSAUKEN, N. J. 08109



Scott's
Surplus
Electronics

134 E. Park Av. Merchantville, N.J. 08109

Division Of dab Associates Inc.

Pres: Scott Layman

609 - 665-2466

TOWER SERVICE

JACK HASSLER CO.
STEEPLEJACKS
1618 W. THOMPSON ST.
PHILA., PA. 19121

W3AJF

HORACE P. DEACON
MAINTENANCE CONTRACTS

(215) PO 5-3808

K3MOM

JE 3-4650
4661

LEE A. COHEN

WIRING BAGS
POLISHING CLOTHS
COTTON & WOOLLEN WASTE

CLAYTON L. HADY & SON
INCORPORATED
4527-31 HEDGE STREET
PHILADELPHIA, PA. 19124

WORLD'S LARGEST RECORD AND AUDIO DEALER
Paul J. Rilling, WA3HIT
Record Salesman

SAM GOODY
ROOSEVELT

ROOSEVELT MALL, N. E.
ROOSEVELT BLVD. & COTTMAN AVE.
PHILADELPHIA, PA. 19149
(215) 338-9777 - B-9
338-9780



W3KKN

ERNEST KENAS
TOOL DESIGN
MANUFACTURING ENGINEERING DEPARTMENT

THE BUDD COMPANY
AUTOMOTIVE DIVISION

PHILADELPHIA, PA.

W3CJU

DONALD KRAUT HAMPTON

Jeweler - Watchmaker

ROGER W. KRAUT
31 W. State Street
Doylestown, Penna.

Phone
Bus. 348-4884
Res. 348-8969

LOcust 7-7130

K3KTY

TRANSPORT EQUIPMENT COMPANY

"Everything for the Truck"

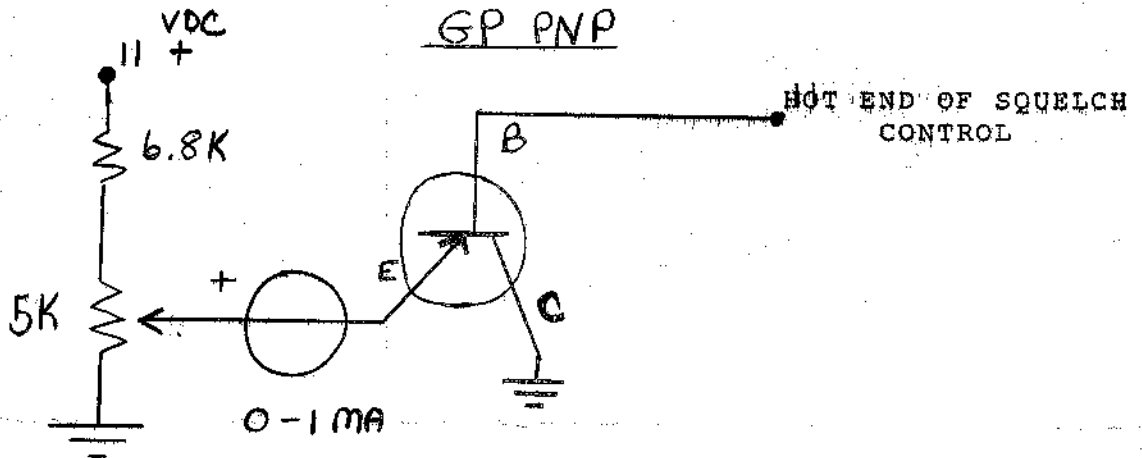
JOHN A. TATE
PRESIDENT

2215 - 2217 RACE STREET
PHILADELPHIA, PA. 19103

CLEGG 22ER FM S METER ADD ON, BY Lyn, W3NSI

Many of the lads owning Clegg 22er FM units have expressed an interest in connecting an S meter on the receiver section to give relative readings while turning beam antenna, or monitoring changes being made in another station. Due to the characteristics of FM reception, once a signal reaches a given strength, it is difficult to notice any additional increase in signal strength by ear. Older tube type commercial gear users can of course read limiter current at that test point.

The circuit below is simple. It works and can be wired with the meter external to the receiver unit. A three terminal strip was mounted on the back of the 22er here to use for the three connections needed. The meter zero control is mounted on the front of the box in which the meter is mounted. It can then be adjusted at any time to get a usable reading for the purpose at hand.



VHF/UHF REPORT
Jo, W2E1F

Six meters showed a slight increase on activity during January, possibly due to the contests i.e. January SS and the Space net contest which seemed to be enjoyed by all who entered it. Two meters has continued as usual and the two meter net on Monday nite has attracted 28 stations for three weeks in a row.

It was noted in the January Contest that six meter activity (number of stations worked) had declined about 12% from the previous year. But the two meter activity picked up about the same amount. It was reported also that quite a few stations not heard in the January Contest were heard during the Space Net Contest. It would be interesting to delve into the reasons for this -- maybe shorter contest -- use of zip codes as multipliers -- bonus for low power, etc.

Haven't heard any new reports on moonbounce except that a group of Ohio stations are trying to work Australia and Hawaii via the moon - no report on results to date.

I have a letter from WB6NMT which requests schedules for 222.0 Mhz moonbounce contacts. Bruce, K2RTH is presently engaged in preparing antennas for such a contact. WB6MMT runs high power and a rhombic antenna aimed East - consequently, anyone who wants to try to contact him MUST have a tiltable, steerable array with 19-21 db gain.

CONTINUED

VHF/UHF REPORT CONTINUED

If anyone is interested contact W2EIF.

220 Mhz activity was practically nil all during the winter but is picking up - W2EIF, W1QAK and K1PXE, held an hour long QSO on Tuesday Nite Feb. 20th. 432 has also not been very active except on net nite. Pete, K1PXE has his usual nitely contact on 1296 with Doug, WA2LTM to keep that band alive.

The Mt. Airy VHF Radio Club has been giving out the satellite orbit information on the 2 meter net each Monday nite. (See page 2 for net times). The information includes the orbit number, time of the equator crossing and the longitude of the crossing. The information is for the weekend following the net nite.

FROM THE SCOPE, Central Michigan Area

Six Meter EME - you high powered 50 MHz operators may want to give this a try. Louis, WB6NMT is now conducting 6 meter EME (moonbounce) test until June. This will probably be the only large scale 50 MHz effort for quite a while. If you would like to give it a try, contact him on the EME net on 21.415 MHz at 0000Z Sundays.

TID BITS

Welcome home to Howard, K3EPB who recently underwent an eye operation.

Jerry Tessler, W2GIA (Ex K3BHK) came to our February meeting after an absence of 9 years. Jerry back on 2 meters again was looking for the Monday Nite net on 144.2 Mhz. Hi!

Ron, K3ZKO (Captain Video) is AFA 3ZKO and holds the post of coordinator for the Pennsylvania Mars Repeater System.

"Radio Trade Around" published by the Findlay Publishing Company, P.O. Box 609, Findlay, Ohio 45840 looks like an FB publication. Subscription is \$2.00 per year.

As of January 24, 1973, the ARRL has a membership of 80,000 individuals and some 20,000 associate members and clubs making a grand total of 101,701.

You may not always agree with the policy and workings of the ARRL, but remember it is our only full time organization devoted exclusively to hams and their problems and now is in the process of obtaining a full time lobbyist to inform and keep informed those in policy positions of what Hams are, what they do, can do and have done. So if you are not a member now, join the growing parade.

Sid Weiner, W3GEW (alternate net control for 6 meters, was recently hospitalized for a coronary condition. He is recuperating at home. We wish you a speedy recovery Sid.

JUNE CONTEST COMMITTEE REPORT

The kick-off meeting of the June QSO party committee was held February 7th at the QTH of Doc, K3GAS. Due to a high level of interest on this event and the fame of Doc's hospitality a large crowd was there. A spirited discussion of past failures and shortcomings ensued. It was noted by many that the Pack Rats ran a very close second in the nation during last year's "bash."

Some excellent techniques to improve our contact and section totals were developed. These techniques are proprietary and will not be discussed here. Our competitors read this newsletter too! Get in on the action. Volunteer to help out as an operator, logger or station assembly crew member. Several important jobs have not yet been assigned.

The following is a partial list of June Contest tasks and chairmen. Contact the listed band chairman to volunteer to be responsible for such duties as 221.4 Mhz contacts and "Laison Honcho", provide transportation, handle refreshments, etc.

<u>TASK</u>	<u>CHAIRMAN</u>
Strategy	Dave Zimmerman, W3ZD
Transportation Coordinator	Harry Stein, W3CL
Schedule Coordinator	Open
Refreshments	Open
6 M Band	Lloyd Schoenig, WA2KOI
2 M Band	Ron Whitsel, WA3AXV
220 Mhz Band	Jo Kilgore, W2EIF
432 Mhz Band	Don Hampton, W3CSU
1296 Mhz Band	Bert Soltoff, K3IUV
2304 Mhz Band	Mario Fontana, K3UJD
3.36 Ghz and up	Walt Bohlman, K3BPP

Next meeting of the June Contest Committee is scheduled for Wednesday, evening March 7th at the QTH of Dave, W3ZD, Johnsville, Pa. All band chairmen are requested to present two lists at the March Meeting;

- (1) A list of all equipment to be used on each band with a special mention of equipment still unaccounted for; and
- (2) A list of all operators and helpers who will operate each band.

Come join us to hear Dave, W3ZD outline the Master Plan.

73, Tony, K1SFF/3

NEW STORE TO OPEN SOON

On or before April 1st, Ham Buerger, Inc. will be moving to new and larger quarters at 68 North York Road, Willow Grove, Pa. A few doors south of our present location. Access to parking in rear via driveway alongside the store. We will have a larger service department and code and theory classes. For information about start of classes, call 659-5900 and ask for John Lopes.

NEW STORE HOURS AT THE NEW LOCATION - 9:30 A.M. TO 5:30 P.M., MONDAY THRU SATURDAY. WEDNESDAY 9:30 A.M. TO 9:00 P.M.

SAME FRIENDLY SERVICE AT LOW PRICES!!

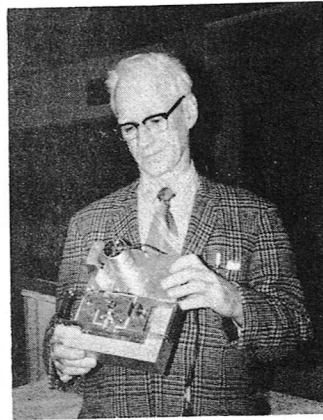
(advertisement)



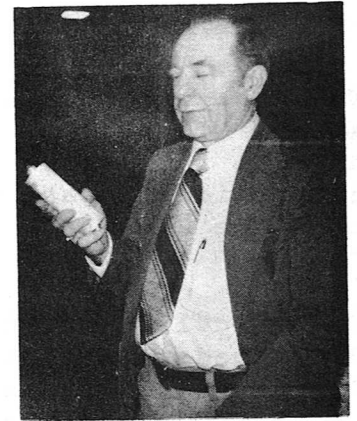
W3AJF - Capacitor Tester



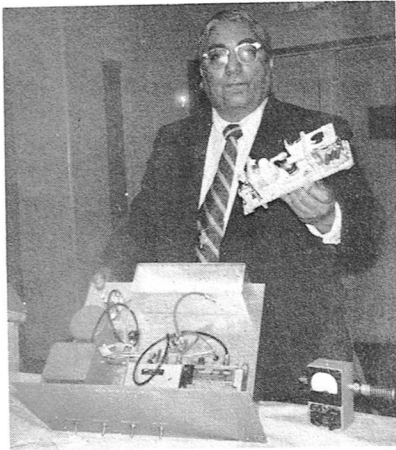
W3FQD - 2 Mtr. FM Xmtr.



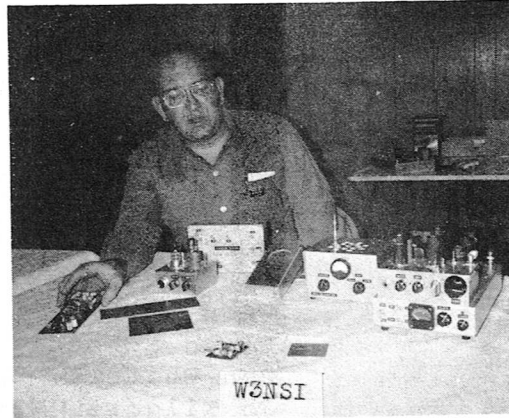
W2EIF - 1296 MHz Tripler



W3KKN - 432 MHz Balun

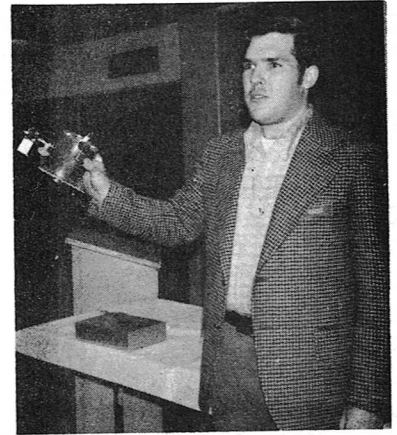


WA3LNH - 220 MHz Exciter

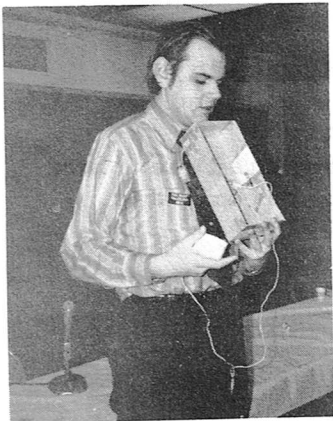


2mtr.FM Rcvr/Xmtr.FM Det.
FM Adapter. 220MHZ Vartr.
Multr.

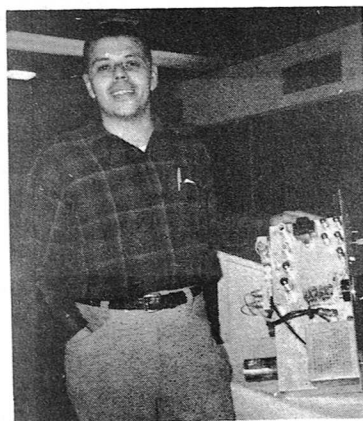
CHU Time Tick
Stn. & Pocket
Rcvr.



K3ZSG - 432 MHz Gavity
AMPLIFIER



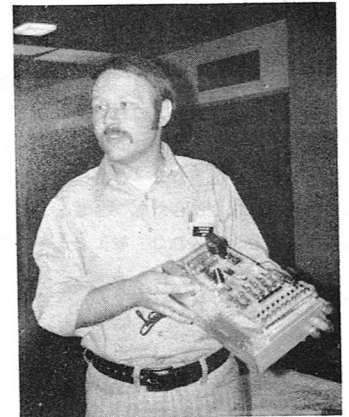
WA3HIT - FM Microphone



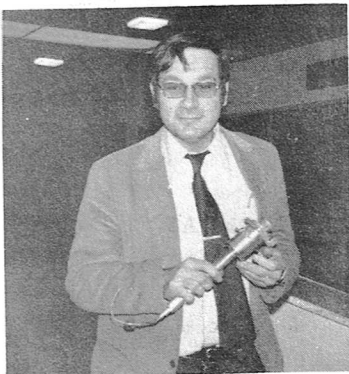
K1SFF/3 - SSB Exciter



WA3AQA - 6 Mtr. Xmtr.

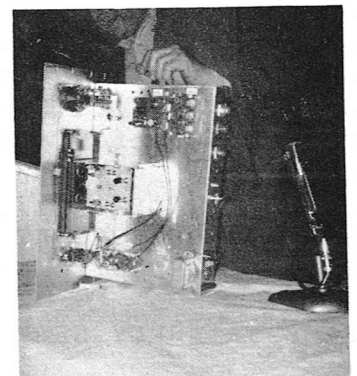


WA3AXV - Touch Tone
DECODER



K3BPP - "Hand Grenade"
1156 to 2304 MHz
Transmitter.

1973 PACK-RAT HOMEBREW NITE



K3GAS - Solid State
HB Rcvr.

Jamaica is an island paradise and it is a land of paradox too! It is warm during the day and cool during the night. Their suburbs that would vie with Hollywood, and their slums the likes of which you have never seen. There are the "haves", and the "havenots." There is no middle class. The road may be a beautiful highway and suddenly become nothing but coral and pot holes big enough to blow out the tire of a mac truck! Everything is done slowly but driving, everyone drives like there is no tomorrow. I wrote to our minister and told him that he should see how they drive in Jamaica, everyone believes in God and they are all anxious to meet him. You seldom see any police, but when you do be careful, they mean business and there are no committeemen to fix tickets. One thing that people hold closely is their drivers license. In order to get a drivers license, you must prove that you need one. Once you get it you can keep it. Just a desire to buy a car and drive won't get you a license, you must need it for work or there is no local transportation, etc. If you should lose your license and not have a need for it, that's it, you start walking. Walking in Jamaica isn't as bad it might seem, all you do is stand along side the road and hold out your arm, jiggle your hand a bit and any car with space in it will stop and give you a lift. Natives travel all over the island this way. Since it is so universal there is no real problem of who you pick up. The scenery varies from cattle grazing fields to sugar cane, cocconut palms, royal palms banana trees, pines and others I can't name. There are mountains and bamboo and ferns that are fifty feet tall and arch over the road like a tunnel. There are rocky shores and sandy beaches. If you go away from the tourist traps there are beaches white and clean and you can look as far as you can in either direction and not a soul in sight. The water is around 75 degrees and there is no large surf close in. The surf is about 1000 feet off shore at the edge of the reef. The water goes from about a foot deep at the sandy edge to shoulder high at the reef, there it drops to 600 fathoms (3600 ft)! Now there are some problems. First you cannot get a telephone unless you are a real VIP. The line voltage is 100 plus or minus a few volts. The frequency of the line voltage is 50 cycles. (Clocks run slow!!) There is only one TV channel and that is like trying to listen to channel two in Philadelphia, snow, flip flop, etc. Mail comes but not regularly. The water is good but the pressure varies from a trickle to slow! Native food is cheap, but if you want to eat as you do at home that is another thing. Most of the cars are the small compact types. Driving is on the left side and that can be a real thrill until you get adjusted. Most of the native drivers believe that blowing the horn makes everything safe. Roads are far from straight and trucks and busses with their horn blowing come around corners in the middle of the road and you have to jump sideways! If you are not going fast enough for the guy in the rear, he leans on the horn until you do or he can pass. Passing is when he gets along side, hit the brake for he will come right over with no warning at all. There are many accidents but there should be many more!! The nearest thing to the seashore as we know it is at 'Doctors Cave'. Here you pay to go on the beach, there is a place to get a bite to eat, bath houses, a walk and benches to sit and watch bathers. No ball playing or radios are allowed. As you travel around you can hear music. Every store or tap room has an excellent Hi-Fi and it is

(CONTINUED)

SO YA WENT TO JAMAICA CONTINUED

going at full volume. Again the loudest guy attracts the most customers and the louder it is the better the bar is supposed to be. Young people are dancing in the street and everyone seems to be doing things to rythm. Marketing in Falmouth is two days a week. On market days, everyone that can walk, carry a large basket on their head, drive or use the bus does so. What a crowd and again music blasting all the time. The people are very friendly and believe it or not they are very clean. They wear bright colors and short dresses WOW. Most of the men wear long sleeve shirts even tho it is warm. The men and boys usually carry one tool with them, a Machette. They use it for grass cutting, cane cutting, cocconut cutting and opening-- even cutting down trees. They also carry a file to keep the machette sharp at all times. Ham radio as we know it is not present in Jamaica. The hams there are few and far between. As a result, you do not have any local interference. Almost all stations you hear are DX. The pile-ups that occur when you call CQ are at the other end and you just sit and wait for the smoke to clear. I could have worked WAS and WAC while visiting K3WEU but the net controls didn't want to start something they might not be able to stop so I gave up! K3WEU/6Y5 has antennas for all HF bands and you can work him any night after 7:00 P.M. on about 3.805 MHz. There is no VHF activity and may not be for a while. Repeaters are being used by the commercial radio for trucks and taxi service. There is no FM station as yet. The AM band is OK at times, other times the Cuban stations are on top of US stations or local stations. There is one newspaper and it covers the news both local and worldwide rather well. It is odd tho to see an ad from a Doctor saying he is still in business; the problem is his phone is out of order for weeks even months. On all requests for help (Plumber Electrician, etc.) the reply is 'soon come' This can mean anything from an hour to months, what's your hurry? There are parts of Jamaica that are still plenty wild, the natives speak a language all their own and dislike visitors. We got into some of that country and on coming out people looked at us in total surprise when they found out we had no guide! The main buildings of the old plantations are referred to as Great Houses. Many have been restored for tourist sites. Rose Hall for example cost over a million and a half to restore, but it is beautifully done. Now, if you want to be a tourist there are lots of elegant hotels, motels and single homes that can be rented complete with staff. They even boast of one hotel The Frenchman Cove as being the most expensive in the world. 6 to 12 hundred dollars a week. Then there are the in-bond shops by the zillion. Real bargains too. This is where we got most of our Christmas presents and had fun doing it.

If you like sea food, Jamaica is for you. Paul, K3WEU/6Y5 goes down to the water front every day or so and meets the fishermen as they come in from sea. He buys fresh live fish and lobsters, puts them in the ice box in the car and scoots home to have them cooked. Paul has a large house on the top of a hill about 200 feet that over-looks the sea only about a mile away. His antennas are strung between palm tress and he is doing real well on 100 volts and 50 cycles with 120 volt 60 cycle gear!! So that's Jamaica as I saw it, a real tropical island, but the best part of it all was coming home!!

W3HK

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

PHILADELPHIA, PENNSYLVANIA

CLUB MEMORIAL CALL

W3CCX

Feb. 1973

ADDRESS CORRESPONDENCE TO:

3012 Potshop Road
Norristown, Pa. 19403

PACK RATS FREQUENCIES
145.2 - 50.2 - 221.4 - 432.3 Mcs.

ARRL Communications Dept.
225 Main Street
Newington Conn. 06111

Dear Communications Manager:

The Mt. Airy VHF Radio Club is pleased to again submit the logs of its membership activity in the January 1973 VHF Sweepstakes. Our total of 60 logs represents a combined club score of 564,784 points. Each log has been checked by the operator and at least one other member of our contest committee. We trust you will find them in good order.

We are again enclosing a computerized summary of our membership activity sorted alphabetically by station call, in order of contest points, number of contacts, and number of sections.

Although our total score is close to that of last year, activity seems to have again declined this year over previous years. This year's effort to keep our score up has been obtained by increasing our average score up to 9,572 points per member which is very close to our all time high. This average has been brought up due to an increase in station capability not due to an increased number of contest stations. Activity to the northeast was low again as it was last year but Eskip into the southeast did bring out a few 4s and 5s as multipliers. Members equipped for ssb and cw scatter and extended ground wave on 6M and 2M added multipliers that were not available in any other mode of operation.

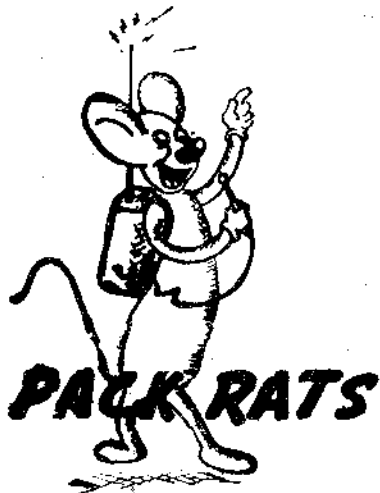
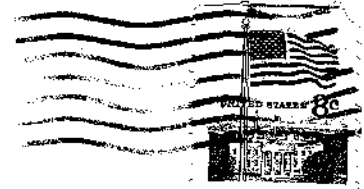
We wish to thank the ARRL for sponsoring the January VHF Sweepstakes along with the other VHF contests that aid in the further use of what we consider to be the most interesting frequencies available for amateur radio use.

73

Harry H. Brown

Harry H. Brown, WA3NGK
Contest Committee Chairman
1973 VHF Sweepstakes

Cheese Bits
 2087 Parkdale Ave.
 Glenside, Pa. 19038



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

MT. AIRY VHF RADIO CLUB, INC.

FIRST CLASS

MEETING NOTICE

STORE HOURS

MON. 9.30	TUES. 9.30	WED. 9.30
FRI. TO	TO	TO
SAT. 5.30	THURS. 1.30	9 PM.

"Ham" Buerger, Inc.

AMATEUR RADIO IS OUR BUSINESS

ASTATIC MODEL 10 D
 DYNAMIC MICROPHONE
 FOR SSB...FITS G STAND
 REG PRICE 39.70

20.

LOOKING FOR RESULTS ?

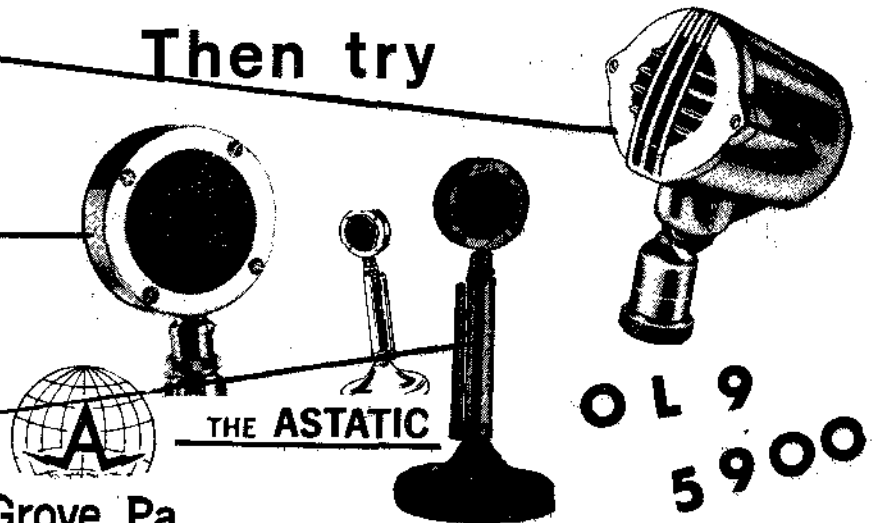
Then try

ASTATIC MODEL GD104
 CRYSTAL MICROPHONE WITH
 PTT STAND.
 REG. PRICE 51.20

25.

ASTATIC MODEL D 104
 CRYSTAL MICROPHONE LESS
 STAND. FITS G STAND.
 REG PRICE 31.00

15.50



OL 9
 5900

80 York Rd. -:- Willow Grove, Pa.