

PACK RATS



PACK RATS

CLUB CALL: W3CCX

MT. AIRY VHF RADIO CLUB, INC.

CHEESE BITS



MT. AIRY V.H.F. RADIO CLUB, INC., PHILADELPHIA, PENNSYLVANIA (ARNS)
(50.2, 145.2, 221.4, 432.03 & 1296.3 Mhz) Repeater 222.98/224.58
AFFILIATED CLUB: AMERICAN RADIO RELAY LEAGUE
MEETINGS: THIRD THURSDAY OF EACH MONTH AT 8:00 P.M.
SOUTHAMPTON FREE LIBRARY, 947 E. STREET ROAD
SOUTHAMPTON, PENNSYLVANIA

VOLUME XVII

JUNE, 1975

NUMBER 6

The Prez Sez

The May meeting featured an excellent talk by Lew McCoy, W1ICP. Lew spoke about the latest developments pertaining to the now infamous Docket 20282 and gave us his personal feelings on how the FCC will handle various specific areas of the new Rule making. (Remember it is not too late to file your own comments: June 16th is the deadline). Lew also showed us some slides of ARRL Headquarters and all the first class instrumentation they use to test commercial ham gear. We thank you Lew and hope to see you again at one of our future ARRL Nights.

The June Contest is here and we need your help out at Hiltown this year. Spread the word to anyone who will listen that W3CCX/3 will be in full swing for the week-end of June 14 & 15. Don't forget to give your club station a point on all bands. Be patient and persistent; we need your contact. Let's bring the "Junely Cup" to the Delaware Valley.

Those Yankees up North have been winning this Contest far too long.

The June meeting of course is elections. It's time to make your wishes come true by nominating and electing the candidate of your choice. If you just sit back and grouse quietly to yourself, nothing will ever change. If you want something changed in the club, now is the time to stop talking and do something positive and constructive.

Also, at the June meeting we will have commercial noise figure measuring equipment. This is automatic machinery which will allow you to diddle with the tuning while observing the true noise figure of your pre-amp or converter. Please bring your own power supply, diddle tods, and connectors or cables to match BNC. I.F.'s of 14, 28 and 50 MHz can be accommodated. Here is a real good opportunity to check-out your equipment and find out how it stacks up against everybody else's. Results will be published in Cheese-Bits (anonymity will be preserved if you desire). We invite guests to bring equipment to be measured. The more the merrier.

PA FA FUYQ XUYUFMUAZE FTQDQ IUXX NQ ZA SAAP ODKBFASDMY FTUE YAZFT.

73 Ron, WA3AXV

Solution to last months crypto: Harried Harry half-heartedly hawked his homebrew harmonicas.

SEND A LETTER TO THE AMATEUR AND CITIZENS DIVISION, FCC, WASHINGTON, D.C. 20544, ENDORSING THE ARRL POSITION ON AMATEUR RESTRUCTURING (DOCKET 20282). Amend to include 50 to 50.1MHZ. for Technician Class priveleges. (Editors note).

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.

SWAP SHOP ITEMS - NO CHARGE

DEADLINE FOR ARTICLES IS THE GENERAL MEMBERSHIP MEETING.

EDITOR:

W3CL, HARRY B. STEIN
2087 PARKDALE AVENUE
GLENSIDE, PA. 19038

PUBLISHER AND SUBSCRIPTION MANAGER:

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

PRINTER:

K3ZKO, RON COHEN
915 ROWLAND AVENUE
CHELTENHAM, PA. 19012
215 ES 9-5338

TRUSTEE OF CLUB CALLS: W3CCX - WR3ACD:

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

AWARDS CHAIRMAN:

W2EIF, JOSEPH KILGORE
#5 SUNNYBROOK COURT
STRATFORD, N.J. 08084
609 - 783-9478

CLUB HISTORIAN:

W3SAO, FRANCIS BRICK

TYPIST:

W3TEM, MARSHA STEIN

OFFICERS: 1974-1975

PRESIDENT: WA3AXV, RON WHITSEL
VICE. PRES.: W3HMU, TONY SOUSA
CORRES. SEC.: WA3NGK, HARRY BROWN
REC. SEC.: WA3DJF, CARL MATTIACE
TREASURER: K3GAS, DOC CUTLER

DIRECTORS:

W3FQD, DICK HUNTZINGER
K3ACR, RICH PATTISON
WA3JUF, DAVE MASCARO
K3KMN, GEORGE GAKOUMIS
W3YXF, JOE RUSHTON

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

<u>MONDAY NIGHT NETS:</u>		<u>NET CONTROL</u>
145.2	- 7:30 P.M.	W2EIF
50.2	8:30 P.M.	W3CL/K3ACR
221.4	9:00 P.M.	K3GAS
432.03	9:30 P.M.	K3IUV
1296.3	10:00 P.M.	W3HMU

<u>FRIDAY NIGHT ATV NET:</u>		<u>NET CONTROL</u>
439.250	- 7:00 P.M.	K3ZKO/WA3AXV

PACK-RAT REPEATER - WR3ACD -
CHURCHVILLE, PA.
222.98/224.58

APPOINTMENTS

DOCKET NO. 20282 STUDY COMMITTEE
W3KKN - CHAIRMAN
MEMBERS - W3CL, W3FQD, WA3NFV, WA3AXV,
W3HMU, K3IUV

TO GET YOUR FREE COPY OF THE MUCH DIS-
CUSSED DOCKET #20282 WRITE:
FFC - WASHINGTON, D.C. 20554

JUNE 1975 VHF QSO PARTY CHAIRMAN -
W3HQT, BILL OLSON

ARRL'S "INSURANCE GUIDE" (CD-82) HAS BEEN RECENTLY REVISED TO PROVIDE MUCH VALUABLE UP-TO-DATE INFORMATION TO HAMS. IF YOU HAVE HAM GEAR OF CONSIDERABLE VALUE, IT ADVISED A "RIDER" TO YOUR MAIN POLICY (AT A COST OF AROUND 2% -5% OF THE STATED VALUE) AND A SEPARATE "FLOATER" FOR YOUR TOWERS AND ANTENNAS. GROUP POLICIES FOR CLUB ACTIVITIES ARE DISCUSSED. IT PAYS FOR SURE. WRITE FOR ARRL'S CD-82 TODAY.

de Auto Call

Calender of Coming Events
Syllabus by Lee, K3MXM

Happy 19th Birthday to the Club Natal date May 15th, 1956

JUNE

- 1 Penn-Central Hamfest - Winfield, Pa. Contact WA3OWT for details and map.
- 3,4,5 AFCEA Convention, Sheraton Park Hotel, Washington, D.C.
- 8 Manassas, Virginia Hamfest. Information-Tim Wayne, 1708 Sharp Drive, Woodbridge, Va. Ed. note: About an hour Southwest of Washington, D.C.
- 9 Phila. Area Repeater Association meeting Monday evening 8:00 P.M. at the transmitter plant of WNJT-TV located at the intersection of Rte. 1 and 95- four miles north of Trenton, N.J.
- 11 Board of Directors meeting - QTH- W3CL. Harry B. Stein, 2087 Parkdale Ave. Glenside, Pa. If lost, call 887-5052 for directions. Directors and interested parties invited. Come out and see the newly refurbished shack.
- 14 FLAG DAY!
- 14 Meeting Delaware Valley Chapter QCWA. Buck Hotel, Feasterville, Pa.
- 15 FATHERS DAY - Be sure to leave those radio magazines open to pages and Ads of the desired goodies. Have a Happy Day!!!
- 14-15 June VHF QSO Party, Hilltown, Pa. Set-up, Friday afternoon and evening. Come on up, lend a hand, enjoy yourselves. W3HQT- Bill Olsen, Chairman. SPECIAL NOTE TO ALL 2 MTR. FM'ers: W3CCX/3 will have a station operating on 146.52 Simplex the 14th and 15th. For the glory and recognition of the entire DELAWARE VALLEY, give us a call and check in. We'll be there around the clock.
- 19 General Club Meeting- Southampton Free Library. 8:00 P.M. ELECTION NITE! A noise figure Lab will be set-up and operated by Dick Pierce, K3MWV. Bring your converters plus your own power supply. Dick will align and tweek up the converters. Find out why you were not hearing all those calls! DOCS SILENT AUCTION. THE MARIO RAFFLE. REFRESHMENTS.
- 28-29 ARRL FIELD DAY- Many field day stations will be operating on VHF so help keep the bands alive and active by giving and making contacts.

JULY

- 9 Board of Directors Meeting, QTH, K3IPM, Stan Smith.
- 17 General Club Meeting- First outdoor meeting in Zimmermans Glen, W3ZD-AUCTION!
- 19-20 SPACE NET CONTEST.
- 26 Itchykoo Park sponsored World Wide VHF Contest- Starts 6:00 P.M. Send logs to: Worldwide VHF Activity, Box 1062, Hagerstown, Md. 21740

UPCOMING EVENTS

Aug. 3rd- Winchester Hamfest; Aug. 31, York Hamfest; Sept. 7, SJRA Hamfest.

PACK-RAT ACTIVITIES: Aug. 10- Family Day and Picnic. Sept. White Elephant Sale, Location will be announced.

OCTOBER 5---HAMARAMA!!

NEW PRODUCTS OF INTEREST TO HAMS

By Lyn, W3NSI

1. Heathkit Dip Meter: The New HD 1250 Dip Meter takes the place of the old tunnel dipper that Heath dropped several years ago. The new unit operates from 1.6 Mc to 250 Mc and uses improved circuits to provide better sensitivity and sharper dip. A phone jack is provided for transmitter monitoring. Since the unit is solid state and battery operated, it is portable and can be used out in the yard or even at the top of a tower. Cost \$59.95.

2. Hamtronics VHF Receiver: Advance information has been received by the column reporter concerning a new line of VHF and UHF receiver units. To start with, any given receiver set of PC boards would include the RF converter plus a combination IF and AF Squelch board. This means that if you wish to receive on your favorite 50, 146, 222, and 440 frequencies, you need only have one of the IF AF combination boards and then switch the various converter heads into the IF head at 10.7 Mc. The C25-50 covers 30-60 Mhz, the C25-110 covers 90-130 Mhz, the C25-150 covers 130-180 Mhz, and the C25-220 covers 180-230 Mhz. The 440 Mhz converter was covered in the column several months ago and can also be used with this set up. The advantages of such a system are obvious. It would be possible to make up a very tiny head with a volume, squelch, on off switch and lamp, that would be hidden under the dash away from the rip-off crowd. Add some of the transmitter boards from VHF Engineering Co. and you are in two way operation on 144, 220, and 440 and able to at least monitor on 50 Mhz. The whole control head for everything could be mounted in the small mini-box under the dash or inside the arm rest box. Audio output is about 2 watts from the double conversion IF board. Prices are not yet available. Hamtronics, Inc., 182 Belmont Road, Rochester, N.Y. 14612.

VHF/UHF REPORT

By Jo, W2EIF

The six meter band has shown some sign of opening. There have been several small openings but nothing to get excited about. The two meter band has shown a small increase in activity. This writer actually worked about 12 different stations on SSB at 144.11 during the first week of May. WA3YUE, Bruce, reports he worked Va. and Mass. recently above 145 on AM. These are two new states for him. George, WA3SPR has repaired his antenna system which suffered during the last storm. He sounds good on 220 FM. The 220 band and the 432 band have not shown any great improvement in activity. K1PXE/1 will be operating from Conn. during the June QSO Party on all bands. It is hoped that someone gets on 220 on Long Island, because Bruce, K2RTH will not be operational until late Sunday nite.

It might pay to get on the bands from now to the June QSO Party because a lot of stations will be tuning up for the big event.

The Pack Rat 220 repeater is still going great and it is hoped that activity will pick up there in the next six months, chiefly due to the impact of the Canadian decision to place CBers in the 216-220 Mhz slot.

P.S. Don't forget to get on June 14-15 for the QSO Party!

The following were nominated for office at the meeting May 15, 1975:

President - WA3AXV

Treasurer - K3GAS

Directors: W3AJF, W3HQT,

Vice-Pres - K3MXM, W3YXF

Rec. Sec. - WA3DJF

K3IGX, WA3NFV

Corr. Sec. - WA3NGK

* NOTE: Additional nominations may be made from the floor at the June 19th meeting.

VOTED TO MEMBERSHIP: WA3YZC, Gary Dallas.

VISITORS, MEETING MAY 15, 1975:

WA3YZC, Gary, Churchville, Pa.

WA3YUE, Bruce, Huntingdon Valley, Pa.

WA3REX, George (Rex) Phila., Pa.

WA3PHQ, Stan, Levittown, Pa.

Nancy (K3HNP) Levittown, Pa.

WA3HWZ, Bob, Langhorne, Pa.

K3HNP, Dave (Penn Wireless) Levittown, Pa.

W3WRE, Louise Moreau (SCARC) Glenolden, Pa.

W3FBF, Paul Mercado, Broomall, Pa.

WA3UDS, Ric, Churchville, Pa.

Don, Oreland, Pa.

WA3CMQ, Joe, Havertown, Pa.

K3RMV, Alex, Norristown, Pa.

K30BU, Joe, Collegeville, Pa.

W1JCP, Lew McCoy, ARRL Staff, Newington,

Conn.

A EULOGY, BY George W3HK

PAUL R. BEHRMENN, K3WEU/6Y5 -- 1908-1975

Paul's Ham Radio career started when he attended and successfully completed the radio course given at the Franklin Institute. He then became Kay Three Whiskey Encourages Ulcers! Paul had many extra curricular activities and he brought Ham Radio to them. For example, Hams became a part of the Red Cross Survey teams (Our W3SAO is still very active in this type of public service). He then became very active in the AREC acting as a net control station on many events, such as the Salt Vaccine distribution in Phila., and emergency drills. He started and was net control of the six meter book review net until he retired. He was a member of the Mt. Airy VHF Radio Club, ECARS, ARRL, Handicappers net, YLSSB intercontinental SSB net and many others. He was an A-1 op, WAS, WAC, DXCC and RCD. Paul also had many other certificates of most unusual events that covered the shack walls. Classes were conducted at his QTH for the advancement of local ham licenses. Paul was active on all bands HF to VHF. In 1971 after retiring Paul moved to sunny Jamaica, W.I. He then became K3WEU/6Y5. While there, he joined the Jamaica Amateur Radio Club, was active in their emergency storm warning net and made many Ham friends. From this new QTH, he made WAS, WAC and DXCC in a few weeks! Paul was a real "Ham Operator", he had a way with words, a most unusual sense of humor and his cheerie voice will be missed by all. 76

MONTGOMERY COUNTY C.D. RACES

By Tom Gibson, W3EAG

Montgomery County C.D. now has a roster of seventy members in our RACES organization. In addition to these, there are hams who regularly check into our nets but do not hold formal membership in RACES.

Our organization is headed by a County Radio Officer (RACES), Tom Gibson, W3EAG, and two Deputy Radio Officers, Paul Alcock, W3WMB, and Jim Spencer, W3QQH. There are seven sectors within the county with a sector officer in charge of each. These are as follows:

<u>Station Location</u>	<u>Sector</u>	<u>Sector Officer</u>
Lower Merion	I	Rob Reichman, WA3IHV
Norristown	II	Tom Gibson, W3EAG
Abington	III	Jim Beaver, W3AHZ
Eaglesville	IV	Carl Youngs, W3NWS
Montgomery Township	V	Paul Alcock, W3WMB
Red Hill	VI	Joe Zappo, WA3VPQ
Pottstown	VII	Ray Henry, W3ZVY

The County operates on 53.36 MHz on six meters inter-connecting the sectors with the Emergency Operating Center in Norristown, A regular net on this frequency is operated each Thursday at 2000 hours local time. Ed Kushner, W3HKZ, provides an interface to re-transmit this net on WR3ABE repeater which allows us to accept check-ins from six meter stations on that repeater.

The Montgomery County Civil Defense two meter frequency is 146.835 MHz. A net on this frequency is operated on Thursday nights at 1930 hours local time with WA3RCA, the Penn ARC Club Station, as net control. The C.D. repeater, WR3ADP, operates on 146.235/.835 during this net.

Abington Township has a net on 146.835 MHz at 1945 hours local time with W3AHZ Base located at the Township Building as net control.

We are now purchasing the first new RACES equipment for Civil Defense since RACES was first set up with seven Dumont six meter units and seven Gonset two meter units in 1959. Three Genave GTX-200 units have been received to equip the EOC at 400 Markley St., the Eaglesville Base and the Communications Van. We have, also, received four Wilson handy-talkies for field use. Seven GTX-600 Genave six meter units are due for shipment at the present time and will be installed in the sector stations.

We have also received fifteen tone alert receiver units which will be furnished to the RACES and C.B. Sector Officers for Emergency Alerting purposes. These units operate on the VHF band local Government channel licensed to Montgomery County. These receivers will be left turned on at all times in a silenced condition. In the event of an emergency, the Dispatcher at Eaglesville will activate these receivers by tone burst and announce the details of the emergency. This would allow for alerting even in the event of telephone failure.

An interface receiver at WCAU-TV allows for alerting via WR3ABE during an emergency situation, also.

MONTGOMERY COUNTY C.D. RACES

CONTINUED

The C.D. Communications Van, which we mentioned briefly before, is a Dodge "carry-all" type of vehicle. It will be equipped with six meter, two meter, citizens band and local Government high band equipment. This vehicle can be moved to the scene of any localized emergency and used as a C.D. Communications Command Post.

With the new equipment and the dedicated personnel which we now have, Montgomery County RACES should be prepared to give a good account of itself in any emergency situation.

FLASH

Received the following capsule of information via telcon on May 19, 1975 from our Atlantic Division Director Connie Mac, W3SW.

Re: Docket 20282 the ARRL board of Directors made 16 motions in answer to the FCC. The following is noted in outline form and not necessarily in order and not all the motions. The A&B proposal was rejected - that is the division between HF and VHF. The experimenter class of license was also rejected. The so called Communicator Class to be designated "Basic Amateur" and operation on A1, A2, A3 & FM to be allowed on 145 to 145.5 MHz and 222 to 225 MHz - power level 50 watts. A basic knowledge of the morse code (no speed requirement) A written exam similar to the novice class of license. Technician class to retain present privileges plus operation from 29 MHz up. Present license classes (conditional "worriers") to be grandfathered. Technician exams to be given by FCC in the future. Basic and novice class exams to be given by two volunteer examiners general class or above. Transmitter power to remain as it is now with measurement of plate power input. Code exams - 20 WPM for Extra Class; 15 WPM for Advanced; 10 WPM for General; 5 WPM for Technician & Novice. No change in call signs except for Basic and Novice Class. Advanced class phone, 21, 250-21,270 KHz. Extra class to retain present segment privileges plus a recommendation for an exclusive segment 14,175-14,200 KHz. Lifetime license recommended for Extra Class. General Class to retain present privileges, plus operation in the 50 to 50.1 MHz segment.

TID BITS

Tony, WB2MTU is tentatively leaving the Delaware Valley area at the end of June. His new QTH is 20 miles north of Disneyland in Florida and he has his new 4 land call is K4AWS. He will be directing the Space Net Contest in July from the following address:
P.O. Box 20294, Lake Panasoffkee, Fla. 33538.

The Warminster ARC First Hamfest and Flea Market event went very well on Sunday, May 18th. We counted 30 Pack-Rats, buying, selling or visiting.

Keep a sharp look-out for an ATV but from one of the local papers. K3MWV, Dick Pierce, will keep us advised.

K3OBY, Jim Bowman going in for some repair surgery soon. A speedy recovery OM.

Congratulations to Bob Hershman, proprietor of Ham Buerger, Inc. on obtaining his ham ticket, WA3ZID.

OFFICIAL BULLETIN NR 534 FROM ARRL HEADQUARTERS NEWINGTON CT MAY 8 1975 TO ALL RADIO AMATEURS

BT: The ARRL Contest Advisory Committee to solicit ideas from interested contest participants on ways and means of enhancing the ARRL Contest Program. Numerous items under current study include format for a possible Bicentennial Contest, basic contest philosophy, ethics, and overall recognition in the form of a Master Contester Award. Input is welcomed on any item of contest interest. Your letters can go to ARRL Headquarters for CAG distribution or to the committee itself, K7NHV, chairman; W1BGD, WA2BLV, W3BQV, K4BAI, W5RUB, W6PAA, K8HLR, W9LT, WA0CVS, VE7CC. AR


A successful meeting of BARCC was held at the Casa Conti, Glenside, Pa. on Tuesday evening May 20, 1975. A newsletter will follow shortly. The next meeting is scheduled for Tuesday evening July 22, 1975 at a location to be announced.

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



AD
MANAGER
K3MWM

ADS

<p>NE 7-8329</p> <p>GEORGE S. VAN DYKE, JR., P.E. CONSULTING ENGINEER</p> <p>W3HK</p> <p>4807 CONVENT LANE PHILA. PA. 19114</p>	 <p>AMERICAN RADIO RELAY LEAGUE, Inc. HARRY A. McCONAGHY, W3SW/W3EPC DIRECTOR, ATLANTIC DIVISION, ARRL</p> <p>"Connie-Mac"</p>	
<p>608-429-0087</p> <p>BRADDOCK ASSOCIATES MANUFACTURERS' REPRESENTATIVE</p> <p>EDWARD BRADDOCK MEMBER: I.E.E.E. W2RAY</p> <p>POST OFFICE BOX 305 HADDONFIELD, N. J. 08033</p>	<p>HARRY B STEIN ASSOCIATES COMMUNICATIONS CONSULTANTS</p> <p>HARRY B STEIN</p> <p>2087 PARKDALE AVE. GLERRIDE, PA. 19024</p>	
<div data-bbox="162 787 446 976" style="border: 1px solid black; padding: 5px;"> <p>ham radio your most interesting amateur publications</p> <p>hr REPORT</p> <p>Greenville, NH 03048</p> </div>	<p><u>A request from your AD Manager</u></p> <p>PATRONIZE OUR ADVERTISERS Tell them you saw their ad in CHEESEBITS. Leave your QSL card with them. CHEESEBITS is one of the best read local radio club papers. Circulation - 300</p>	<div data-bbox="1047 745 1177 955" style="background-color: black; color: white; padding: 20px; font-size: 48px; text-align: center;">73</div> <p>1 year - \$8 3 years - \$16</p> <p>magazine for radio amateurs</p> <p>PETERBOROUGH, NEW HAMPSHIRE 03458</p>

SWAP SHOP

FOR SALE: Swan 250 Transceiver AM,SSB,CW;
VX-VOX Swan Accessory; Heathkit Monitor Scope
Model No. SB610; Ameco Nuvistor VHF Preamp;
Dow Key Coaxial Relay; 6 mtr-3EL Hi Gain Antenna
included with all above items - as package deal
only; Beam (on roof) Available upon removal
(ladders needed) Swan 250 and Scope, needs
minor work.

CONTACT: Jack Sutton, WA3HDJ
5739 N. Mascher St., Phila., Pa.
LI 8-2416

FOR SALE: Cush Craft, 11 element FM Ant. \$20.

CONTACT: D. DeRosa, WA3HVL,
205 W. Champlost Ave., Phila., Pa.
215-924-8101

FOR SALE: Drake TR 6, TC2, RV 6 complete
6&2 mtr. station W/remoteVFO, noise blanker,
all filters & crystals. Best offer.

CONTACT: K3ACR, Rich Pattison
717 Paxton Ave., Wyncote, Pa.
215-885-3830

PENNSYLVANIA INSTITUTE OF TECHNOLOGY
Paul D. Mercado, W3FBF
Instructor
FCC AMATEUR/COMMERCIAL LICENSE
INSTRUCTION
414 SANSOM STREET
UPPER DARBY, PA. 19082

FOR SALE: Drake TR 6, TC2, RV 6
complete 6&2 mtr. station with remote
VFO, noise blanker, all filters &
crystals. Best offer.

CONTACT: K3ACR, Rich Pattison
717 Paxton Avenue
Wyncote, Pa.
215-885-3830

WANTED: Modified T44 receiver for ATV
439.25 MHz.

CONTACT: Bob Sutter, W3SOB
1578 Grovania Ave.
Abington, Pa. 19001
215-659-7826

LAFAYETTE RADIO ELECTRONICS
"ASSOCIATE STORE"
531 EASTON ROAD
HORSHAM, PA. 19044
215-674-0300

ED CLARK



BARRACKS TRADING POST

Camping • Electronics • Canvas

RT. 38 AT RUDDEROW AVE.
MAPLE SHADE, N. J. 08052

HARVEY PRIMOST
609-662-6114



ELECTRONIC CENTER
SCHLUMBERGER PRODUCTS CORP.
OVER 300 ELECTRONIC KITS

TED HALDIS
MANAGER
K3EPK

6318 ROOSEVELT BLVD.
PHILA., PA. 19148

TELEPHONE
215 CU 8-0180



Scott's
Surplus
Electronics

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

Division Of dab Associates Inc.

Pres: Scott Layman

609-665-2466



AMIL S. GUMULA
PRESIDENT

A. G. RADIO PARTS CO.
939 TOWNSHIP LINE RD.
ELKINS PARK, PENNA. 19117
TELEPHONE: 215-886-8100



HOURS
CLOSED MONDAY
TUE. & THUR. 9:30-5:00
WED. & FRI. 11:30-9:00
SAT. 9:30-5:00

(215) 723-1200
(215) MI 6-2511

ELECTRONIC EXCHANGE

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

GORDON R. KITTEL
K3AIG

136 N. MAIN STREET
BOUDERTON, PA. 18864

Alex King- K3RMV (215) 449-2300
Ben Schaefer-WA3ATP
Phyllis Dorey-WA3OWG
Tony Wilczynski-WA3AJW

KASS ELECTRONICS DISTRIBUTORS



DISTRIBUTORS OF
INDUSTRIAL ELECTRONIC PARTS & EQUIPMENT
RADIO - TELEVISION PRODUCTS

2502 TOWNSHIP LINE ROAD
(WEST OF LANSDOWNE AVE.)
DREXEL HILL, PA. 19026



(215) 943-7855
788-1527

K3MWV

RICHARD H. PIERCE
PHOTOGRAPHER

2000 NEW RODGERS ROAD
LEVITTOWN, PA. 19056

APT. E-11



J.C. R/C HOBBIES 659-9773

Hours:
Mon. & Sat. 10:00 - 5:00
Tues. thru Fri. 10:00 - 9:00



MINIATURE FLYING MODELS
Radio Control Equipment & Supplies
Crafts for All Ages
BOATS, TRAINS, CARS & PLANES

23 EASTON ROAD
Willow Grove, Pa. 19090

JERRY COWAN
Owner

K3HIN

DICK'S PET SHOP
Everything For The Pet

2128 S. 7th St.
Phila., Pa. 19148

HO 2 - 8916

(609) 663-9236

SWEETMAN CALIBRATION SERVICES
ELECTRONIC TEST EQUIPMENT

GERHARD J. SWEETMAN

2672 GLADWYN ROAD
PENNSAUKEN, N. J. 08109

W3CJU

DONALD KRAUT HAMPTON

Jeweler - Watchmaker

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

Phone
Bus. 348-4884
Res. 348-8969

K3MXM

JE 3-4660
4661

LEE A. COHEN

WIPING RABS
POLISHING CLOTHS
COTTON & WOOLEN WASTE

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



W3KKN

ERNEST KENAS
TOOL DESIGN
MANUFACTURING ENGINEERING DEPARTMENT

THE BUDD COMPANY
AUTOMOTIVE DIVISION

PHILADELPHIA, PA.

LOCUST 7-7130

K3KTY

TRANSPORT EQUIPMENT COMPANY

"Everything for the Truck"

JOHN A. TATE
PRESIDENT

2215 - 2217 RACE STREET
PHILADELPHIA, PA. 19103

People who look for peace get it.

—Guru Maharaj Ji

For information contact:

DIVINE LIGHT MISSION (DUO)
6388 CITY AVE., PHILA., PA.
19151

Office- 215-GR 7- 2800

PATRONIZE OUR ADVERTISERS

Tell them you saw their Ad in

CHEESE - BITS

-8-

K3ACR



Delta
Data
Systems
Corporation

Richard Pattison
Director of Quality Assurance

Woodhaven Industrial Park, Cornwells Heights, Pa. 19020 • (215) 638-8400

MT. AIRY VHF RADIO CLUB INC.

A U C T I O N



PACKRAT AUCTION
AMATEUR RADIO EQUIPMENT

CLUB CALL: W3CCX

JULY 17, 1975

8:00 PM

QTH: W3ZD DAVE ZIMMERMAN
520 CENTENNIAL ROAD
WARMINSTER PA. 18974
PHONE: 675 4539

RADIO EQUIPMENT

CONSIGNMENTS INVITED

REFRESHMENTS

RAIN OR SHINE

BRING A FRIEND AND A CHAIR

THE DAYTON HAMFEST

By Bill, K3ZSG

All one can say about Dayton is; "it's hugh"! As this was my first year to attend the Convention, I was very impressed by it's size. This year somewhere around 12,000 people attended.

As we arrived early Friday night April 25 around 5 P.M., we headed straight for the Convention Center. To our surprise the area was already crowded by people who were trying to beat the crush expected on Saturday morning.

The Center is composed of several large buildings in which many manufacturers displayed their wares. It was hard to judge the size of the display area, but I would say it was about 2 acres, with hundreds of different items on display. Most of Friday evening was spent looking over all the different display's and exchanging eye-ball QSO's with various VHFer's.

After the display area closed, we were off to the FM bash and the ATV seminars which were held in various hotels.

Saturday, April 26th, we were up (K3ZKO) bright and early and off to the hamfest!! 8:00 a.m. Arrived at the flea market and couldn't believe my eyes. As far as I could see there were tables and tables of goodies.

The flea market is held behind the Convention Center on a portion of the parking lot which was enclosed by a snow fence. It was about 3/8 mile long by 450' wide at it's widest point. After spending about 1 hour at a fast walk I was only finished one and a half rows out of the five, and this was only a quick brouse! I estimated at that time, it would take 3 hours to cover the entire flea market once over.

As I glanced at my watch, it was past 9:00 a.m. and from 9:00 a.m. till 12 noon there was a VHF Forum which I wanted to attend. By 9:30 a.m. I found the room.

W8KPY - Kelly Scheimberg was the moderator.

1. K6MYC - Mike Stall - gave a presentation on KLM antenna's "The Do's and Dont's" I arrived late for this lecture but basically what Mike had to say was he had spent much time perfecting the design on the KLM antenna and that a lot of people were trying to cut corners by not using the proper matching ballun's. As a result the overall gain of the antenna was down many DB.

2. K8III - Carl Wolfe gave the next presentation on his 8877 amplifier. Carl suggested a teflon ring be put on the bottom of the tube to keep the anode from arcing to the chassis at high plate potential!! Carl also gave a slide presentation on his EME antenna construction and it's drive assembly.

3. W8DGF - Robert B. Bolden - Gave a presentation on "Low Noise Preamps and System Noise Figure". Bob found that the u310 preamp design by W2AZL could be improved if the tap on the input coil was moved down 2 turns toward the cold side of the coil.

Bob was unable to test out any converters or preamps for noise figure due to the excessive amounts of RF floating around the area. He had several good observations: One of which is; "Excessive LO output will cause you to read a better NF than you actually have".

4. WA8NXS - Gary A. Bombrake - Gave a slide presentation on "Radio Astronomy". Gary showed the various installations across the country. What they are currently and have been used for; he also went into some of the new systems that are still in the planning stage. After the VHF Forum was over, I was back to the flea market. It was now noon and again to my surprise it had grown still larger! People were now tailgating in the parking area outside of the snow fence. It took better than 2 hours to tramp through this new area. It was about 1/4 the size which the total area of the flea market had been earlier in the morning.

Saturday evening I spent some time visiting K9HMB and his wife. Frank and I had met last summer at the Central States VHF Convention. Frank says he will be visiting the 1st District this Summer, so if any of you hear him operating portable give him a call; let him know you are a "Pack Rat".

During my stay, Kelly, W8KPY stopped in, but that was the extent of the VHFer's that I ran into that evening.

SUNDAY: We were again off to the flea market. It had changed quite a bit from the prior day's (*@##\$%&-=)!

Some people left but there were a lot of new arrivals. In all the flea market area had shrunk to 1/2 the size it had been on Sat. afternoon. That pretty well sums up my observations of Dayton for 1975.

THIS IS YOUR LIFE (THE PACK RATS)

PART #11 "OUR FIRST CRYING TOWEL MEETING"

The January 1958 meeting was held at the West Oak Lane Jewish Community Center. President W3OZP explained the purpose of the Emergency Net to be held from 1900 to 1930 on 2 and 6 meters on any meeting nite when the weather is inclement.

W3KKN requested each member to give his story of the January, V.H.F. contest. The talks were filled with tears, jeers and cheers. Ernie thanked all who were in the contest for a job well done. WAIT UNTIL NEXT YEAR. Visitors present: W3IXL, W3IHT, W3IMU. Application for membership: W3IHT.

The February meeting was held at the W.O.L.J.C. W3KKN announced that "Ladie's Nite" would be held on April 12, 1958, at the Southwark A.C. A floor show and dancing all for the sum of from \$3.50 or \$4.00 per person.

W3HYJ made a motion to obtain the call of our deceased member W3CCX, Matthew Gelardi as a club call as a memorial.

W3CXU introduced our speaker, Mr. Applegarth, Chief Engineer at NARCO. He demonstrated and explained some samples of aircraft receivers and transmitters. He also suggested a "Garbage Can Filter" as a means to eliminate cross talk and signal shifting on our 2 meter xtal controlled converters.

VISITORS: K3AUH, W3ZRR, K3CJV, W3SYN, W3KLL, K3BPP, K3BVZ, W3CLE; New Members: W3IHT, K3BVZ, K3BHK.

The March meeting was held at the W.O.L.J.C.C. W3CPT announced that the cost of renewing our Insurance and Incorporation will be paid for by the treasury.

W3KKN read a few of the answers and replies he received concerning our letter sent to all ARRL Directors and V.H.F. Radio Clubs protesting the scoring used in the last V.H.F. Contest.

W3SAO announced that W1HDQ, Ed Tilton would be our guest speaker on ARRL Nite. Ladie's Nite tickets to cost \$4.00 per.

W3OZP, our president made an announcement concerning the failure of absent members not notifying the secretary of a prolonged absence. He also requested members to check with W3CPT in reference to their dues.

W3ALR requested to be dropped from the roll. The members voted to honor his request.

W3OZP introduced the speaker of the evening, W3JAY, Doc Nichols. We learned from his talk, slides and diagrams how our hearts work and how electrical shock can stop it. Doc was assisted by Jack, K3BRJ.

Visitors: W3AUH, W3SMK, W3CLT, W3IXL. Membership applications: W3IXL.

TO BE CONTINUED, W3SAO, Frankie, Club Historian

Travel Notes - for the Ham visiting New England: First stop-ARRL Headquarters in Newington, see QST for times. Nearby is the Picort Mountains Scenic Center which is deeply involved in not only teaching ham radio but project Oscar. If you are going to Cape Cod, near Nauset, is the remains of an early wireless station used by Marconi and now preserved by the National Parks Service as a museum. If your travels take you West, WWV Near Fort Collins, Colorado is a most interesting place to visit particularly if you want to see where all the "time" comes from. The Antique Wireless Association located in the AWA Museum, Bloomfield, New York is a most fascinating place to hams and non-hams alike.

de RAGS

VACATIONING IN CANADA? Write now for an application for your "Certificate of Registration of Radio Station License of the United States of America for Operation in Canada." Certificate is good for term of your U.S. license. Write to: Department of Communications, Radio Regulations, 55 St. Clair Ave., East Toronto, Ontario, Canada.

Cheese Bits
2087 Parkdale Ave.
Glenside, Pa. 19038

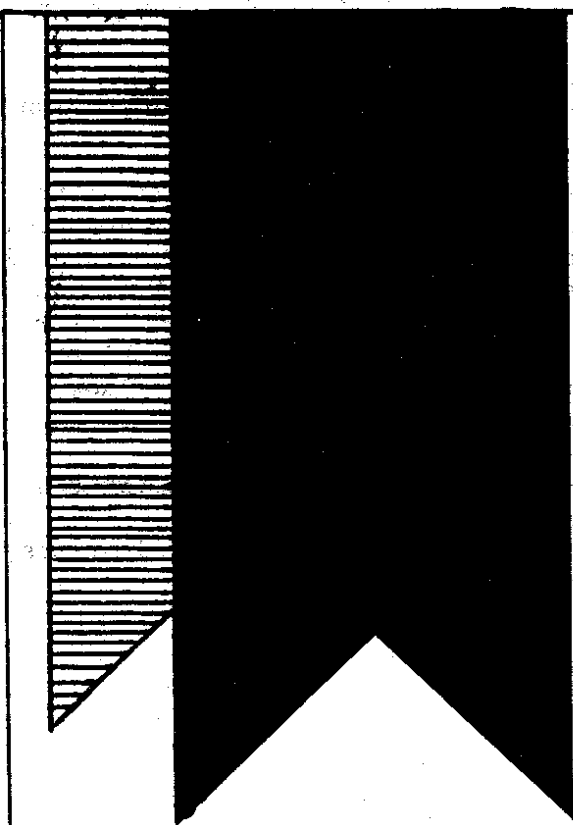


W3FQD Dick Huntzinger
130 Fairhill Drive
Churchville, Pa. 18966

MT. AIRY VHF RADIO CLUB, INC.

FIRST CLASS

MEETING NOTICE



AMATEUR RADIO EQUIPMENT

"Ham" Buerger, Inc.
66 N YORK ROAD, WILLOW GROVE, PENN. 19080
(215) OL 9-8900

STORE HOURS

MONDAY thru SATURDAY
9:30 to 9
SUNDAY - 12:30 to 5