

CHEELSE



MT. AIRY VHF RADIO CLUB, INC.

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

APRIL, 1975
THE PREZ SEZ

NUMBER 4

Last months meeting drew a large crowd of both club members and guests. The topical subject of Moonbounce seemed to generate a great deal of interest among local VHF enthusiasts. We were treated to just enough technical detail to appreciate the high level of engineering

expertise required to be successful in such a venture. Hats off to K3BPP and his EME team.

This months meeting will feature Nat Schnoll, W2PN, speaking on Oscar Satellite Communications. This is another special interest topic which should be interesting and informative.

Pass the word around. I would like to remind everyone that our general membership

meetings are open to all-comers.

By now, everyone should have received a flyer and tickets for our annual Banquet. This affair is always well attended by the membership and friends of the Pack Rats. The Banquet of course, has been a traditional "Ladies Night" and the gals have not been forgotten. There will be door prizes, gifts for the ladies and dancing. So mail your confirmation to our capable chairperson, John Tate, K3KTY, as soon as possible. If you were overlooked or are not a member of the club, please contact John and he will be glad to send you tickets.

If you have not as yet mailed your Docket questionaire and have any interest at all in the future of amateur radio, please take the time to complete the form and return it to your Docket 20282 chairperson. Also, if you happen not to be a member of the Pack Rats and wish a copy of the questionnaire, perhaps to stimulate action in your own club, please contact W3KKN for information and copies.

W3HQT will be this years June QSO Party "honcho". Bill will soon be appointing band captains and organizing strategy for this years Contest. Set aside the weekend of June 14th

and 15th and come out to Hilltown and join the fun.

This month's Cryptogram:

3R 06F MKC'9 81E3E968 D18PKDE 06F B32P9 3CNFM18.

73 Ron, WA3AXV

Solution to last months cryptogram: This is no looney tune we bounced signals off the Moon!

PACK RATS' CHEESE BITS IS A PUBLICATION OF THE MT. AIRY V.H.F. RADIO CLUB, INC. PHILADELPHIA, PA. AND IS PUBLISHED MONTHLY.

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SWAP SHOP ITEMS - NO CHARGE

DEADLINE FOR ARTICLES IS THE GENERAL MEMBERSHIP MEETING.

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AWARDS CHAIRMAN:

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TYPIST:

WASTEM, MARSHA STRIN

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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/K3ACR
221.4	9:00 P.M.	K3GAS
432.03	9:30 P.M.	K3IUV
1296.3	10:00 P.M.	W3HMU
FRIDAY NIGHT	سبة C ATV NET:	NET CONTROL
		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: EFC - 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

CALENDAR OF COMING EVENTS Syllabus by Lee, K3MXM

APRIL

- 6 Greater Baltimore Hambores Calvert Hall College Putty Hill and Goucher Blvd, Towson Md. One mile south of Exit 28 of Beltway Interstate 695. Complete indoors. Information Brother Jerry, 8102 LaSalle Road, Towson, Md. 21204
- 9 Board of Directors Meeting QTH, WA2MWB, Carl Barish. Millbridge Apts. #211, Clementon, N.J. If lost, phone 609-627-4855. Directors and interested parties invited.
- 17 General Club Meeting Southampton Free Library, Street Road, Southampton, Pa. 8:00 P.M. Mr. Nat Schnoll, W2PN, will be out guest speaker giving his illustrated and demonstrative talk on Oscar 6 and Oscar 7. A most interesting subject and should be of interest to all hams and radio enthusiasts throughout the Delaware Valley. Those of you in college and high schools please pass the word around as this is an open meeting to all and we do want a large crowd.

The MARIO RAFFLE - DOC'S "SILENT AUCTION" - REFRESHMENTS.

- 19 E. Pa. Section Annual Dinner. 6:00 P.M. Meet the speaker. 7:00 P.M. Dinner Buck Hotel, Feasterville, Pa. \$7.00 contact K3WAC.
- 19 Southern Tier Hamfest Johnson City, New York

25/27 Dayton Hamfest

26 17th Annual Pack-Rat Banquet - Buck Hotel, Feasterville, Pa.

Choice of Filet Mignon or Sea Food Combo. Watch your mail for special announcements.

Entertainment, music, dancing. An open affair to one and all. Chairman - Mr. John Tate,

K3KTY.

MAY

- 2-4 West Coast VHF/UHF Conference at the Harbor Island Sheraton Inn, San Diego, Calif. Contact WB5NMT for details.
 - Delaware Valley Radio Club Flea Market and Auction. 10 A.M. till 3 P.M. Auction starts at 1 P.M. Grand Prize TR-22C. Ewing VFW Post 7298 Green Lane, West Trenton, N.J. (Same place as last year). Admission \$1.00 advance. \$1.50 at door.
 - 4 Potomac Area Hamfest Westminster, Md. Agricultural Park, Sponsored by Potomac Area VHF Society. Prizes, games, eye-ball QSO's. 146.52/146.94 K3LNZ.
- 14 Board of Directors Meeting QTH, Mr. Joe Rushton, W3YXF.
- 15 General Club Meeting, ARRL Nite. Special Guest Speaker, Mr. Lew McCoy, WlICP, Editor, Novice and Beginner Column QST.
- 17 MARS/ARMED FORCES DAY Exchange messages with services. See QST for further details.
- 18 Warminster ARC Flea Market, William Tennant High School Parking Lot Street Road, Warminster, Pa. All day.
- 31 Western N.Y. Hamfest. Rochester, N.Y. info. W.N.Y. Hamfest, Box 1388, Rochester, N.Y.

(CONTINUED ON PAGE FOUR)

NEW PRODUCTS OF INTEREST TO HAMS By Lyn. W3NSI

 Two meter SSB Trans/Rec: KLM Electronics is importing a Japanese solid state SSB rig that covers 145.0 - 145.23 mhz in 23 channels. The transmitter VXO allows 12 khz coverage of each segment, so that the entire 230 khz can be tuned. The receiver uses RIT also, covering 10-12 khz at each step so the range is the same as on the transmitter. The unit runs 10 watts peak power, and a switch is provided on the panel marked test, which provides a CW carrier of about 6 watts for antenna adjustments, etc. The receiver has a panel switch controlled noise blanker, and can be adjusted to receive AM signals without too much trouble. Each set is equipped with a crystal that may be installed in place of the normally supplied crystal, and will give a range of 145.770 - 146.00 Mhz. While this may appear to be an odd frequency range, it must be noted that in most places, the 2 meter band is just 144-146 mhz. Known as the Echo 2, this rig is very compact since it was designed mainly for mobile operations It can be used fixed station, however, it is suggested that in this case, 1/2" rubber feet be installed, to avoid scratching the surface of a desk, since screw heads are exposed on the bottom of the cabinet. ECHO 2 is a smooth operating unit and no problems were encountered during a test period provided by Trevose Electronics. For a close look at this rig, and KLM literature to take home and digest, it is suggested that you stop and see Vince. Press or Dave at Ham Div. of Trevose. Price \$389.00.

WHF/UHF REPORT (And Other Observations) By Jo, W2EIF

The VHF/UHF activity continues to be at a low level. One could almost say that activity was nil on all of the VHF/UHF bands if it were not for the regularly scheduled net activity which continues. The FM portions of the bands are enjoying good activity but the 220 band FM activity has not built up as fast as expected.

There are a relative few who go in for long band contacts via the tropo, meteor scatter, aurora and moonbounce routes. All of these modes with the exception of aurora require high gain, steerable antennas on a tower, low loss feed lines, low noise figure preamps and converters, followed by a good HF communications receiver. It goes without saying that the operator must be pretty good to use such equipment intelligently, and that he must be capable of building his own high power transmitter. In order to do so, he must be well endowed financially. He must also be a bachelor or have a very understanding wife to put up with his spending so much time and money on his hobby.

It is little wonder that the average Joe Ham goes out and invests in a little black box and a small whip antenna and is content to stay on the FM portions of the band where he can enjoy reliable short range chit chat with his buddies. When he gets tired of it or the XYL screams too loud, he can sell the whole system and not be too much out of pocket.

The financial part of this must be important. It is for this reason that I think there will not be an exodus from the 2 meter FM channel to the 220 FM channels. The amateur of average means has about all he wants to invest in radio gear on 2 meters, and it fulfils his needs. Why should he invest several hundred dollars more to get on 220 MHz when he has all he needs or wants on 2?

I think my argument has been borne out because the 220 FM activity in the Philadelphia area has not increased as fast as some thought it would. Even our own VHF club members are hanging back.

Let us hope that the VHF/UHF activity (other than FM) picks up in the coming Spring months.

CALENDAR OF COMING EVENTS CONTINUED

JUNE

- Sunday, Ole Va Hams Manassas Ham Fest, Manassas Fair Grounds on State Route 234 1/2 Mile South of Manassas. Further info. Tim Wayne, WA3GVK, 1708 Sharpe Drive Woodbrige, Va. 22191
- 11 Board of Directors Meeting QTH W3CL.
- 14-15 JUNE QSO PARTY, Hilltown, Pa. Set-up the 13th,
- 19 General Club Meeting. Election Nite

FIRST NEW ENGLAND VHF/UHF CONFERENCE By Tony, W3HMU

At this writing, I have just returned home from the first New England VHF/UHF conference which was held March 22 and 23 at the New England Center, Durham, N.H. It was probably the most enjoyable VHF meeting I'll ever attend. The conference arrangers, Joe Reisert, WIJAA; Jim Fisk, WIDTY; Tom McMullen, WISL and our own Chuck Benavides, WAIKIR, provided such a comprehensive, exciting and smooth flowing program that the first time I looked at my watch on Saturday it was midnight. The conference registration fee of \$30 included four meals, lunch and dinner on Saturday and breakfast and lunch on Sunday - and what good chow! Have you ever had sweet and sour schrod? (Its a fish), fried sauerkraut balls?, mushroom stuffed quahogs? (hardshell clams), crabmeat bisque?, curried chicken? - All these and more were sampled by the conference crowd.

The New England Center is an exciting piece of six-sided modern architecture which is totally integrated with the surrounding New Hampshire hemlocks and granite outcrops.

A smaller than expected turnout of about 50 participants meant that each attendee got at least two door prizes. Rick Commo, K1LOG had done such a good job of procurring prizes that more than half the prizes were greater in value than the registration fee.

The technical presentations combined current research laboratory and amateur experiences in VHF/UHF with a definite slant toward moonbounce and satellite communications. Guest speaker, Ed Tilton, W1HDQ reported his recent and on-going studies of solar activity and magnetic disturbances in the earth's atmosphere and their effect on radio propogation. Look for the first of a two-part article on this subject in May QST. Discussions evolving from the formal presentation lasted until about 3 A.M.Sunday.

In addition to Chuck, WAlKIR, four other Pack Rats attended the conference. They were: Walt, K3BPP, Bill K3ZSG, Bill W3HQT and Tony W3HMU. K3BPP and W3HMU made formal presentations. A synopsis of the VHF/UHF conference technical program follows:

EASTERN VHF/UHF CONFERENCE - Saturday, March 22 & Sunday March 23,1975

Presentation

OSCAR 2304 - MHz Quadrifilar Helix Antenna Design - Walt Maxwell, W2DU - RCA

432 MHz Dual-Polarity Feed; Walt Bohlman, K3BPP

The Backfire Array - Dr. Herman Ehrenspeck & John Strom, AFCRL

The Arecibo Dish - Dr. Gordon Pettengill, WlOUN/KP4BPZ - MIT

High Dynamic Range VHF Receivers
John Beanland, G3BVU - Spectrum Int'1.

Low-Noise Preamplifier Design - Joe Reisert, WlJAA

Ed Tilton, W1HDQ

Comments

This antenna and a 2304 MHz beacon are on Oscar 7 ready to go as soon as Amsat can get FCC approval.

For moonbounce dishes. Consensus was that this is the way to go.

Some real possibilities for compact high gain antennas.

A report of the recent resurfacing allowing "Big Mama" to operate up to 6 GHz - staggers the imagination.

How to survive the QRM and Cross-mod.

Get your low noise figure and be able to use it all.

Sunspots, aurora and VHF-DX

FIRST NEW ENGLAND VHF/UHF CONFERENCE CONTINUED

Noise-Figure Measurements, Emil Switzer, WlGGM

VHF/UHF Power Amplifier Design forum Chairman: Chuck Benavides, WAlKIR

EME Fading Jack Klobuschar, WIBZT - AFCRL

Moonbounce Forum

We need more work on our pre-amp.

432 MHz 8938 power amplifier, Tony Souza, W3HMU. 2MTR 2KW power amp, WA3GLE. K2RIW Amplifier problem solving forum W1SL et al

The meaning and quantifying of scintillation, Faraday rotation and libration fading.

K1WHS, W1JAA, K2UYH, et al

ADDITIONAL COMMENTS BY BILL MURPHY, K3ZSG

Following is a brief summary of the lectures given at the conference:

- 1. Walt Maxwell, W2DU, RCA, gave a talk on the Quadrifilar Helix Antenna Design and it's application for the Oscar VII 2304 antenna. The antenna shows promise for 146 & 28 Mhz as a receiving antenna for Oscar. Walt should be writing an article shortly for Amsat with all necessary information.
- 2. Walt Bohlman, K3BPP, gave a talk on his 432 Mhz Dual-Polarity Feed. This was the same talk Walt presented to the Pack Rats at last months meeting. It was received with great interest by many of the active Moon Bouncer's present at the affir.
- 3. John Strom and Dr. Herman Ehrenspeck of the AFCRL, gave a lecture and slide presentation on the Back Fire Array. This was the most unusual and interesting of all the lectures presented. Although no handouts were available on specific information, anyone interested in obtaining information on a particular backfire antenna should contact:

Dr. H. Ehrenspeck

J. Strom

LZR/AFCRL

Hanscom AFB

Bedford, Mass. 01730

Dr. Ehrenspeck, the leading expert in the field, answered questions from the floor after the slide presentation by John Strom. My thanks to the AFCRL for an excellent presentation.

- 4. Dr. Gordon Pettengill, WlOUN/KP4DFX-M.I.T., presented "The Arecibo Dish". This was a slide presentation showing the recent modification of the 1000' antenna. This modification will enable the dish to be used through 6 Ghz. Dr. Pettengill also explained the dish feed system. The main feed is over 70' long and weighs 10 tons.

 5. Joe Reisert, WlJAA/W6FZJ gave a talk on "Low Noise Preamplifiers Design".
- 5. Joe Reisert, Wijaa/W6FZJ gave a talk on "Low Noise Preamplifiers Design". This was the same talk that Joe presented at the Central States V.H.F. Conference and was very well received by all. Joe is a dynamic speaker and strongy believes in the Modular Design Concept in VHF converters.
- 6. John Beanland, G3BVU, of Spectrum International, gave a talk on "High Dynamic Range VHF Receivers". This covered the cause and effect of cross modulation and overload.
- 7. Our guest speaker was none other than Ed Tilton, WlHDQ. Ed spoke on a pet project of his; propagation. To be more specific the "K" index put out by WWV. I won't attempt to explain it; so Ed, you will just have to write an article for QST. Wait until W2AXU finds out what you have been up to: (Editors note: He knows!) Next were the door prizes the Pack Rats cleaned the place out!!
- 8. The busiest place of the day was, "Noise Figure Measurements" by Emil Switzer, WiGGM. The results will be published in a later edition. About 12:20 A.M. we were all thrown out of the convention center and called it a day.

(CONTINUED ON PAGE 11)



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

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

HILA., PA. 19114

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

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to 1971. Best offer.

CONTACT: K3ACR, Rich Pattison

717 Paxton Avenue Wyncote, Pa. 19095 215-885-3830

There is new management now at Ham Buerger, Inc. Bob Hershman and Herb Koch, W3HXK have taken over and are anxious to do a good job. Note their ad once again in this issue and the new store hours. Best luck.

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TID BITS

We are saddened to report the untimely death of our second president (1957) - Oscar Jacoby, W3FSC on Friday, March 21, 1975. Our condolences to the family.

A speedy recovery to Herm, K3GOZ and Jim, W3SMK. Sid, W3GEW is at home after his sojourn in Jeanes Hospital.

Chuck Benevides, WAIKIR, was hospitalized with a virus infection - made it out in time to participate in the recent VHF/UHF Conference.

Len, W2GGB reports a recent 5 week hospital stay after surgery; then his XYL Violet turned in for a 12 day stint. Enough sickness for now! Lets hear from you soon, Lenny.

We are happy to announce the engagement of Paul Rilling, WA3HIT/8 to Betty Kibler. She and her seeing-eye dog, Dolly live in Boston. Paul and Betty will be in Phila. on April 25th. Paul will be leaving for Cleveland on the 28th. Our best wishes to you.

George VanDyke, W3HK is president of the Greater Northeast Chapter (No. 596) of the National Association of Retired Federal Employees. They did a nice profile on him in their bulletin as well as appointing him a delagate for the upcoming State Federation Convention.

LATE FLASH: Louise (Lou) Moreau, W3WRE YL Editor, QST will be the guest speaker at the Pack-Rat Banquet on April 26th.

Paul Mercado, W3FBF announces his candidacy for filling out the remaining term (A1, W3ZRQ resigned) for SCM Eastern Pa.

LIGHTNING FLASHES By Lee, K3MXM

FCC Okays Calculators - now you can bring your calculator to FCC exams.

With the coming metric system Americans will have to accustom themselves to it and relearn a few common expressions. Maybe you have a few to send in yourselves..

A miss is as good as 1.069 kilometers.

A decigram of salt

Beat him within 2.54 centimeters of his life.

28.350 grams of prevention is worth 453.592 grams of cure.

Peter Piper picked 8.81 liters of pickled peppers.

125 Tons of Gold used annually by U.S. electronic/electrical industry, according to "Electronic Design" magazine...okay get those calculators going - see what that is in dollars and cents with the price of gold today at approximately \$178.00 an ounce.

Want to learn CW and get it together. The Warminster Amateur Radio Club is conducting slow speed CW (up to 5 wpm) on Wednesday Nites on 50.5 Mhz after their regular nets. Starts around 8:30 to 8:45 P.M. Good to listen in and get with it...

VOTED TO MEMBERSHIP: WB2MTU - A.W. Slapkowski (Tony) XYL-Mary Box 909, Sicklerville, N.J. 08081 609-227-1809

VISITORS - PACK RAT MEETING MARCH 20,1975

WA3HKQ - Scott Hower, Cornwells Heights, Pa. WA3LBI, Jim Malone, Phila., Pa. WA3YZC, Gary Dallas, Churchville, Pa. W2EA, Walt Schmidt, Haddonfield, N.J. WA3MCK, Hal Weinstein, Phila., Pa.

W2FYS, Amor Klotzbach, Cherry Hill, N.J.

WA3SBT, Bob Fabrizio, Huntingdon Valley, Pa.

MOVING THE MONSTER By Pete - WA30VH

It was a bleak pouring rainy day. Cold as a tomb. And there was "Chicken Livers" (W3CL) Harry, leaning on his horn at 7 A.M. the other Saturday morning in back of Penn ARC. "Where in the H... are you Shavney - we got a job to do...." (Harry is also known as "Granpa Rat" to those of us who have discovered who the "BIG CHEESE" is in "Cheesebits", the publication of the Pack Rats - the Mt. Airy V.H.F. Radio Club.)

So into Northeast Philly we whizzed with Harry playing his favorite game at every intersection (He has to live-r up to the first part of his nickname...) We finally made it to the rental agency only to be told that the medium size truck with the electric tailgate was not available and we would have to take one twice the size but at no extra cost. So since poor me was the driver (I once drove a fifty passenger bus to Niagara Falls) I said O.K. we'll give it a try, although I was already sweating at the thoughts of Ron Cohen's narrow street where the 600 pound monster had to be picked up and the narrow Penn ARC driveway with about 1/4 inch clearance on each side.

It took a lot of backbreaking shoving and swearing to truncle the monster using pipe rollers and a heavy duty dolly across Ron's rough driveway and onto the electric tailgate, thanks to a half dozen brother rats (I'm one too you know) that big daddy rat had arranged - and every once in a while to help things along, he would throw us a handful of - you guessed it - cheesebits to the snarling ratpack.

It was a good ride from Ron's to Penn ARC once we got clear of his narrow street, none of the little passenger cars seemed anxious to tangle with our BIG truck along the way. Since we had to make about six backups in the pouring rain in the middle of Easton Road to get into the narrow alley with zero angle, a nearby traffic cop obligingly charged out and held up traffic for us during our maneuvering. Once when I heard a crunch, I thought perhaps I had run over him, but then found it was only the rainpipe at the beginning of the driveway. It was a tough job; at the moment the rainpipe was rubbing, the mirror was scraping on the other side.

However, that didn't really matter much as the mirror was already cracked and the rainpipe already dented, and there at the other end of the driveway was grand daddy rat standing under a large black umbrella, and holding up a large clear plastic bag full of tidbits (cheese of course) and waving me on with a flourish to beat the next publication deadline. Somehow we made it down the driveway only to find we didn't clear any of the many coaxial cables feeding the great Penn ARC antenna farm. So Doc Cutler (K3GAS) came to the rescue with a twenty meter beam element from the Penn ARC junkpile and propped up the wires so we could back up near the basement entrance. We didn't know how we were going to get the monster through the cellar door and down the stairs to it's new home until we thought of the two ten foot long four by fours in the woodpile. These were made to order for the job and permitted us to smoothly roll it down the incline on the previously used pipe rollers to the concrete floor and then into its present location just in front of the antenna rack.

After a round of "Kilowatt" coffee for the sweating ratpack, we disbanded operations except for moving the big truck back to North East Philadelphia. Easing back out the driveway was a cinch this time with nary a scrape on either side - probably due to "Someone's" previous enlargement of the statutory clearance..... Oh yes.... Almost forgot to tell you what the monster is. It's the 9,000 copy per hour Pack Rat printing press!

BARCC MEETING OF MARCH 25, 1975

The Bi-monthly dinner meeting of BARCC was held at the Casa Conti in Classide, Pa. A total of 24 delegates and committee members attended including our ARRL Atlantic Division Director Connie-Mac, W3SW.

Reports by the Committee Chairman projected positive progress. W3WRE, Lou Moreau, a member of Paul Mercado's Banquet Committee, displayed a prettily designed format of the Banquet Program Booklet.

An attractive two color flyer designed by Dan Sauter was distributed (Printed by courtesy of the "Pack-Rat Press"). This flyer will be the first advance publicity device for large scale distribution.

Caroline, W3GTC, reported that the Penn Jersey YL Club is sponsoring a White Elephant Sale to be held at the Flea Market (across the way from the "Peddlers Village" at Tahaska, Pa.) They are raising money for hospitality expenses at the convention. Please send "White Elephants" to W3TNP, Willow Grove, Pa. (no plants, clothing, food or electrical items please.)

Chuck, WB2EIZ reported that his committee is working-up a rough draft of the program booklet.

Bob, WA3PZO (Public Relations) asked for profile information on delegates for submission to their local hometown papers.

Ken Miller, W2KF (Exhibits and Displays) reports 14 manufacturers have signed up to date — more on the way. This committee is scheduling a meeting at the Ben Franklin Hotel in the next week or so.

Dave Zimmerman, W3ZD the Chairman asked for volunteers to represent Upstate Pa. since Al Breiner, W3ZRQ has resigned.

John Wolf, W3IMU was appointed lottery and door prize chairman in addition to his duties as Historical Coordinator.

The next meeting will be on Tuesday evening at 6:30 P.M. May 20th. Same place, The Casa Conti, Glenside, Pa.

ADDITIONAL VHF/UHF CONFERENCE COMMENTS CONTINUED

9. VHF/UHF Power Amplifier Design Forum.

Chuck Benavides, WAlKIR

Tony Souza, W3HMU

Bill Fairing, WlAJA

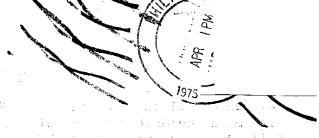
Bill Olson, W3HQT

Various VHF Amplifiers were presented for inspection by the group. Tony, W3HMU displayed his 432 KW.

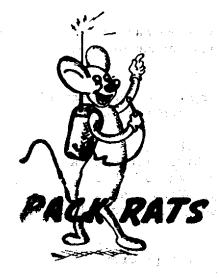
10. Jack Klobischar, WlBZT, AFCRL "E.M.E. Fading". This presentation was of the slide and lecture type. It dealt with the cause and effects on signals transversing the lumar path. Jack also showed graphs on electron density and gave suggestions for improving E.M.E. reception. All attending were very interested and I considered it an enlightening presentation.

FLASH: Final Tidbit - The interference that has plagued Oscar VII may be located in the St. Petersburg area. Possibly, K4NTD may be abe to get a better fix on it from his location. This interference has been affecting the 432 to 146 Mhz link. My source says it may be HIRAN!!!

Cheese Bits 2087 Parkdale Ave. Glenside, Pa. 19038



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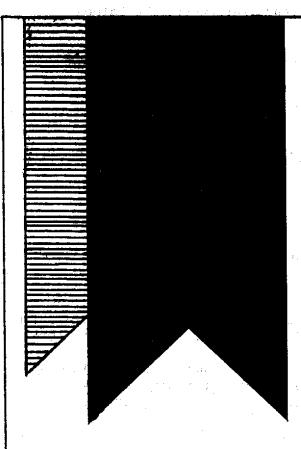
W3FQD Dick Huntzinger
130 Fairhill Drive
Churchville, Pa. 18966

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MEETING NOTICE



AMATEUR

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