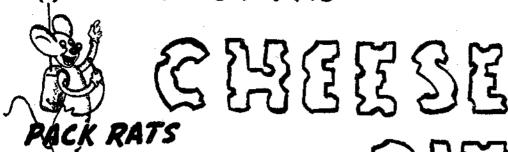
PACK RATS





CLUB CALL: W3CCX

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MT. AIRY VHF RADIO CLUB, INC., PHILADELPHIA, PENNSYLVANIA ARNS 50.125, 144.150, 220.125, 432.110, 1296.110 MHz, W3CCX - Repeater 222.98/224.58 MHz

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 19866

VOLUME XXVI

MAY , 1984

NUMBER 5

THE PREZ SEZ

Thanks to Mr. Paul Drexler, for an outstanding presentation during the regular meeting for April. (Surely a chip off the same block, Paul, WB3JYO). Isn't it amazing what talents are right among us. Emergency communications are often taken for granted. However, when we take a close look at all of the coordination required, it's simply amazing to see how complex the operation really is.

Looks like Doc, K3GAS has everything under control for the Annual "Ladies Nite" banquet. Saturday Nite will have been an outstanding success by the time you read this; sure hope that we saw most of you at the affair.

The program for the regular meeting for May promises to be interesting. We are expecting to have visitors from the League. Let's come out and support the activities of this yearly event. (It is Gavel #24)

Support the Sprints and keep those "Grid Squares" where they belong!

73,

Bill, NF2L (WA2DPU)

Our best wishes to the Director of the Atlantic Division, Hugh Turnbull, W3ABC elected to the executive board of the ARRL.

* * *

IN MEMORIUM

JAMES C. BOWMAN, K30BY, BECAME A SILENT KEY APRIL 5, 1984. HE WAS A MEMBER OF THE CLUB FROM THE EARLY DAYS. MAY HIS SOUL REST IN PEACE.

Pack Rats CHEESE BITS is a publication of THE MT. AIRY VHF 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: THE THIRD THURSDAY OF THE MONTH.

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CLUB HISTORIAN:

W3CL, HARRY B. STEIN

MONDAY NIGHT NETS	NET CONTROL
7:30 PM - 50.125 MHZ	W3CL
8:00 PM - 144.150 MHZ	W2EIF
8:30 PM - 222.98/224.58	K3GAS
8:45 PM - 220.125 MHZ	WA2DPU-K3GYS
9:00 PM - 432,110 MHZ	K3IUV-WA2DPU
9:30 PM - 1296.1 MHZ	W3CXU

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CALENDAR OF COMING EVENTS Syllabus by Lee, K3MXM

MAY	
2	Spring Sprint - 432 Mhz 7 to 11 P.M.
6	Bergen ARA Ham Swap-n-Sell Hamfest - Bergen Community College - Paramus, N.J.
10	Board of Directors Meeting - QTH - WB2VLA, Dave Power, 25 Van Duyn Drive, Trenton, N.J. (Ewing Township) Tel. 609-882-1040 Directors and interested club members invited and urged to attend.
10	Spring Sprint - 1296 MHz - 7 to 11 P.M.
12	1984 Louisiana World Exposition from May 12 thru Nov. 11th
13	Tri-County ARA Hamfest - Passaic Community Center - Valley Road, Stirling, N.J.
13	Mother's Day
15	Penumbral eclipse of the Moon
16	Grand League of Horseshoe Pitchers Assoc. organized Kansas City 1914
17	General Club Meeting - Topic: ARRL Nite - ARRL Atlantic Div. Director, Hugh Turnbull, W3ABC will be our guest speaker. Meet the speaker dinner at the Buck Hotel 6 P.M. Open meeting to all amateurs and their friends. Come out and meet the Pack Rats and join in the fun of the best VHF Club in the whole USA. Nomination of Officers. The Mario Raffle, Frankie's Silent Auction, Free Refreshments.
19	NADC 40th Anniversary Open House - 10 A.M. to 6 P.M. (See notice in this issue Cheese-Bits)
18-19	Atlantic Division ARRL Convention and Hamfest - Rochester, N.Y.
19	ARMED FORCES DAY - Special awards and stations on the air. Delaware Valley Chapter QCWA Spring Meeting - Buck Hotel, Feasterville, Pa.
19	Spring Sprint - 50 MHz.
20	IRAC Hamfest - 12th Annual Hamfest - Boys and Girls Club, Union, N.J.
20	WARMINSTER ARC HAMFEST - at the Middletown Grange Fairgrounds - Wrightstown, Pa. A very good local hamfest and well worth attending. Just a few miles North of Southampton just off Rte. 232. Plenty of signs and local 2m talk-in on 147.09 and 146.52.
24	First Major League nite baseball game, Cincinnati, Ohio 1935
27	Maryland FM Association Hamfest - Howard County Fairgrounds, West Friendship, Md.
30	Annular Eclipse of the Sun - Depending on your location along the Eastern Coast, with special eye protection you will note as much as 99.6% of the Sun will be covered and the landscape will darken.

NEW PRODUCTS OF INTEREST TO HAMS By Lyn, W3NSI

- 1. AUSTIN CUSTOM ANTENNAS: The Austin Co. has introduced some very interesting VHF/UHF antennas for ham use. Two multiband units cover 144/220 and 432 Mhz vertical polarization. The Metropolitan is 19" high and is designed for vehicle use. The Suburban is 72" high and is ground independent. Both are fed with 50 ohm coax. Another antenna for 2 meter multimode use is mounted on the bumper and has two 38" whips which can be swiveled for horizontal or vertica use. As a vertical, one of the whips is clipped in place against the fiberglass mast. For horizontal use on SSB the whips are at 90 degree angles to each other so that no part of the antenna extends past the car. The Omni, as it is called, is two half waves in phase, center fed thru a universal matching stub and a 4/1 balun for a 50 ohm coax feed. Hams interested in VHF and UHF would do well to send for the catalog and price list. Price Metropolitan \$40. Suburban \$70; Omni 2 M \$65. Austin Custom Antennas, P.O. Box 357, Sandown, N.H. 03873
- 2. <u>NEW 220 RIGS</u>: Rumors are flying concerning three new 220 rigs. As of the middle of March it appears the Icom 37A will soon be on deck. The Azden PCS 4200 is still up in the air. KDK has advertised their FM 4033 as being on the way. As of now, nothing is certain. Kenwood is also thinking of bringing out something for 220, but again who knows if and when.
- 3. REGENCY MX 5000: The MX5000 should be on the shelves as you read this. Covering the rang 25-550 MHz without gaps, AM, FM wide and narrow, can be selected for any frequency by front panel push buttons. Reports coming from England Via W2AXU, indicate the radio has been well received there, where it is sold as the AØR 2001. The unit is made in Japan and while designed for fixed use, is still small enough to be used mobile on 12 VDC for which terminals are provided in back. Price \$379

* * *

VHF/UHF REPORT By Joe, W2EIF

All VHF/UHF bands, 50 MHz and up have been quiet. There have been some auroras during the latter part of March and first week of April as reported by Jay, KS2T. On March 29, Ernie, W3KKN was fortunate to work LU7DZ in Buenes Aires, SA. He was called by LU8AHA, also of the same city. There have been a few other transequatorial contacts about the same time period. Plus a few sporadic E openings. The 6 meter band if on schedule should start to open consistently about mid May.

The 2 meter sprints seemed quite active this Spring and with much better participation in the Northeast in the opinion of this observer.

We have reports that N8FCY (Dennis) will be active on Spruce Knob, W. Va. sometime in May on 2304 Mhz. No definite info. as yet. He must live near the 4860 Ft.- Knob to be up there so much. He was in the 2 mtr. Spring sprint with good signals to this area.

W3HQT, Bill, will be making a scouting expedition to Spruce Knob, also in May and will cart along 1296 gear. If any info on date and time becomes available, we will have it on the nets. Don't forget the upcoming Sprints on 432, 1296 and 50 MHz during the month of May.

* * * * Lee's Space Filler

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This year marks the 100th anniversary of Adolph Wilhelm Herman Kolbe, a great chemist, who made life bearable for millions of people. You never heard of Adolph Wilhelm Herman Kolbe - well, he was the chemist who found an inexpensive way to produce salicylic acid, the key ingredient in acetylsalicylic acid, best known as aspirin.

FOR SALE: Yaesu CPU 2500R - 2 mtr. FM, 25/3W \$185. Yaesu SP-102P, Ext. spkr, fone patch \$45. NYE Matching network - MB II \$125.

CONTACT: Jay Miller, KS2T Phone: 201-244-7623

FOR SALE: Sanyo B&W video camera, can feed into your VCR \$85. Drake R4-C, T4X-C, AC4, Ameco pre-amp, MS4 spkr -

All for \$350.

CONTACT: Bill Benner, W3KM (Phila.)

Phone: 215-224-1489

FOR SALE: Collins 7583B rcvr w/tubesters, 3282 xmtr, 516F pwr sply, spkr - exc. cond. \$800. Icom 551D W/IC20 pwr sply - pass-band tuning & FM \$500. Complete 450 Mhz rptr w/Phelps-Dodge supper stn master ant. Ready to go-make offer.

CONTACT: Dave Gindin, K3BPK

Phone: 215-688-5709 (anytime)

FOR SALE: TS-930S, SP 930, MC 80 mike, AT 930 ant. tuner - brand new - 2 weeks old \$1500 for complete pckge. Must sell.

CONTACT: Ed Razzi, WB3DVN Phone: 215-887-6758 FOR SALE OR SWAP: Collins R390A rcvr, Collins 75A4 W/3 filters rcvr, Need or swap

for 1296/28 MHz transverter.

CONTACT: Gus. K3GYS

Phone: 609-767-3628 after 5:30 P.M.

FOR SALE: Pair of Eimac SK-400 air-system sockets for 4-400, 3-400, or 3-500 w/blower & "Plumbing" to connect blower to sockets \$50.

Plus ups, or swap for 220 "Boomer".

CONTACT: Jack, KCØW,

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Byers Chassis-Kit 5120 Harmony Grove Road Dover, Pa. 17315

VHF TRADING POST AD

The VHF TRADING POST is a service to the VHF/UHF Microwave community and adheres to the following guidelines: 1) Ads will be accepted from individual amateurs and commercial advertisers. 2) Ads will be accepted only for VHF, UHF and/or Microwave communications equipment and accessories/test equipment intended for use on, or modifiable to, amateur radio frequencies. Ads for commercial, military or home-brew equipment are acceptable. 3) Ad rates are five (5) cents per word for non-commercial advertisers, with name, call, address and one telephone number run free. Rates for commercial advertisers are fifteen (15) cents per word, with display rates available on request. 4) Subscription rate is \$3 per year (12 issues), with checks for subscriptions and ads to be sent to VHF+TRADING POST, 1420 East Sweet Avenue, Bixmarck, ND. 58501.

* * *

NADC 40th ANNIVERSARY OPEN HOUSE

The NADC Amateur Radio Club K3NAL will be operating and awarding certificates during the 40th Anniversary Open House to be held at the Naval Air Development Center, Warminster, Pa. on Saturday May 19 from 10 A.M. to 6 P.M. Visitors are welcomed to the celebration. Certificates will be awarded to stations contacted during the event. The following frequencies will be used: (7.235, 14.285, 21.360, 28.6, - SSB) (146.52 - FM)

Static aircraft displays, tours of selected areas, hot air balloons, demonstrations and much more will be offered. Try not to miss it.

73, Doug, WA3DSP

* * *

DO YOU SUBSCRIBE TO QEX? QEX is the ARRL publication bringing you the latest information on high level technical developments in amateur radio. Two of our members have authored articles - Dave Mascaro, WA3JUF and Paul Drexler, WB3JYO. ARRL members can subscribe for the special rate of \$6 for 12 issues.

* * *

Membership in the Northeast VHF Association, including receiving the newsletter, is \$3.00 per year. Send your dues to Lewis D. Collins, Treasurer, 10 Marshall Terrace, Wayland, MA 01778. Make checks payable to "Northeast VHF Association". Canadians are requested to submit US funds, due to the fees charged by our bank for processing Canadian checks.

* * *

VISITORS APRIL 19, 1984 MEETING

KA2NYF - Janet, Deptford, N.J.

WB3IGR - George, Abington, Pa.

WB8ZAR - Dave, Cinnaminson, N.J.

APPLICATION FOR MEMBERSHTP
WB3IGR, George M. Fazio
2169 Schaefer Road
Abington, Pa. 19001
215-576-1897

NEW TELEPHONE NUMBER

W3AJF, Horace Deacon - 215-657-0673

* * *

NEW VHF/UHF COLUMN IN HAM RADIO MAGAZINE. NEVHFA Member Joe Reisert, WlJR, is now conducting a monthly VHF/UHF column in Ham Radio Magazine. This new feature began in January. I'm sure all NEVHFers support Joe in this new venture at furthering the cause of VHF/UHF experimentation.

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