

PACK RATS'



CHEESE BITS



CLUB CALL: W3CCX

MT. AIRY VHF RADIO CLUB, INC.

MT. AIRY VHF RADIO CLUB, INC., PHILADELPHIA, PA.

ARNS

50.125, 144.50, 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 XXIV

DECEMBER, 1982

NUMBER 12

A NOTE FROM THE PREZ

By now those of you who attended the last meeting know of my resignation. The pressure of my job and its requirements to cover half of the United States make it impossible to give the time necessary to perform the functions of the club president. In my many years as a club member, I have felt I belonged to one of the finest groups in or out of Ham Radio.

I will always give of my time where possible to support it. May God bless all of you.

73, John, K3KTY

* * *

THE VICE-PREZ SEZ

Thanks to Herb, W3IWU for letting us know that JALVOK was going to be in the area during our November meeting. We were all treated in hearing Hatsuo Yoshida, JALVOK talk about his VHF activities during Cycle XXI. Over 8000 QSQ's on 6M- looks like he was busy, Huh? It is nice to know that 6M is enjoyed in other parts of the world as it is here in the USA.

Harry W3CL, you did it again. Your program for the November meeting was great. Al, W3AYJ did an outstanding job with the playing of the tape recording of Roy Neal, W6DUE of NBC. It really made us feel that we all were attending the 1982 ARRL Convention - some kind of a speaker, that Neal fellow. Lets not forget the Dr. Lee DeForrest tape on the occasion of his 85th birthday.

Well the Winter and Contest season is almost here. Pack-Rats, lets get ready before the distractions of the Xmas Holidays. Get those stations in 'TOP' working conditions!

Winter propagation on VHF tends to peak in January, thus coinciding with the Contest. Openings are short, but there is a way to catch them. WWV propagation bulletins at 18 minutes after the hour will assist. The A index and K index can provide us with some valuable information. The entire forecast which changes at the beginning of a new day (GMT) gives the flux and A count of the previous day and the K index update every three hours. A high A index/K index means things could happen on VHF. So lets listen to WWV and get used to interpreting these reports. (tnx to W2XQ for his tips on WWV reports)..

Pack-Rats be sure to circle December 16, 1982, our regular meeting date. PLAN TO ATTEND THIS MEETING. It is a closed meeting; see you all there, Right?

73, Bill, WA2DPU

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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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W2EIF, JOSEPH KILGORE
609-783-9478

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
9:00 PM - 432.1 MHZ	K3IUUV-WA2DPU
9:30 PM - 1296.025 MHZ	W3CXU

PACK RAT REPEATER 222.98/224.58 MHZ
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VICE-PRES: WA2DPU, BILL SMITH
COR. SECY: W3ZD, DAVE ZJMMERMAN
REC. SECY: W3NSI, LYN ROWLAND
TREASURER: K3GAS, DOC CUTLER
DIRECTORS: W3IIT, HARRY BROWN
WB2RVX, MIKE GALLO (2 yrs)
WB2VLA, DAVE POWER (2 yrs)
WA3JUF, DAVE MASCARO (1 yr)
WA3NUF, PHIL MIGUELEZ (1 yr)

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CALENDAR OF COMING EVENTS
Syllabus by Lee, K3MXX

DECEMBER

- 4-5 ARRL - 160 Meter Contest - see QST Nov. Page 84 for rules and regulations.
- 5 General George Custer born 1839 - okay you history buffs - What were Custer's famous last words....
- 7 PEARL HARBOR DAY - 1941
- 9 WLAW Qualifying Run - chance to get your CW in shape for the Jan. Contest.
- 9 Board of Directors Meeting - QTH - W3NSI - Lynn Rowland, 926 Tusin Street (Off Veree Road - 1 mile north of Rhawn St., Phila., Pa.) Directors and interested parties always welcome.. Phone: 215-742-7695
- 11-12 ARRL - 10 meter contest - see Page 84 November QST
- 11 Happy Chanukah
- 12 Marconi's first signal 1901 - again history buffs - what was sent....
- 16 General Club Meeting - Getting ready for the Contest - closed meeting to all but club members. Special preparations - receiving packets and s-e-c-r-e-t-s of the BIG Contest - only a month away -- The Mario Raffle - Frankie's Silent Auction - Refreshments..
- 17 Wright Brothers First Flight 1903
- 21 Winter Begins - Now is the time to work on Anetnas - it is an official day for cold weather and icing conditions.
- 25 Merry Christmas - Hope you all had your stockings filled with all those catalogue goodies you have been hinting about all year...
- 31 Happy New Year - And may all your resolutions be carried out and come true!
- January 15-16 THE CONTEST
DUES ARE DUE IN JANUARY!

* * *

NOTICE

Plans are being made by the Penn Jersey YL's for their annual Christmas luncheon on 18 December, 1982, at noon at the Wm. Penn Inn at Rt. 63 and 202. They will each bring a pollyanna not to exceed \$5 in cost (imagination is more appreciated). Reservations are being accepted by WA3NGN, Edith Sutton at WI 7-2451. Some of the girls will bring their OM. Deadline Dec. 10th. (Thanks - Edith, W3AAU)

* * *

APPLICATION FOR MEMBERSHIP :

N3BHS - John G. Blubaugh - XYL - Diane
221 Leon Ave., Norwood, Pa. 19074
215- 534 - 2441

AC3T - Len Moncaleri - XYL - Ruth
2657 Abington Rd., Wilmington,
DE 19810
302-475-9402

NEW PRODUCTS OF INTEREST TO HAMS

By Lyn, W3NSI

1. TWO METER PA FOR HIS: The new Daiwa LA 2035 is an all mode linear amp that will boost the output of your HT on 2 meters to up to 30 watts output. Input level can be 1/2 to 3 watts from the HT. The unit is equipped with RF activated circuitry for antenna changeover. Price \$79.95.
2. MOTOR DRIVEN ANTENNA MOUNTING SYSTEM - LIL SLIPPER: The Polar Research Co. has a very interesting antenna system that the ham might find very useful. The unit surrounds the tower and supports up to four beams on this motor driven track. The advantages of this below the tower top mount are better wind loading and easy accessibility for antenna adjustments. Mount will accept vertical or horizontal beams with up to 2" masts. Price \$399.95
P.O. Box 781 Thief River Falls, MN 56701
3. CUSHCRAFT 432 MHZ BOOMERS: Three new boomer antennas have been added to the Cushcraft line. The #424B is the big job, 17.5' long with 24 elements. The #410B uses 12 elements on a 6' boom. The 416TB uses 16 elements on a 6.7' boom set up for 435 MHz to use with satellites. Actually, the 416TB is two eight element beams at 90 degree angles on the same boom, arranged for circular polarization. Price 424B-\$90 410B - \$70 416TB - \$85

* * *

VHF/UHF REPORT

By Joe, W2EIF

Activity continues to be low on the VHF/UHF bands, Even the FM channels have much reduced activity including our own 222.98/224.58 MHz channel! Maybe the recession should be blamed!! There have been some reports of 6 meter openings to the Caribbean and South American regions including LU land, but nothing lately, at least to this area. I hope that all it means is that everybody is getting ready for the January Contest. Charlie, WA3RSQ is operating a 6 meter net on Sunday mornings, 10 AM on 50.150 MHz. He has a lot of power, a huge antenna, and is located on a high point. So look for him and sign in. He also can be heard throughout the week for contacts.

NOTE: W2AXU reports that there were openings on 6 meters Nov. 18, 1982 from the San Francisco area to the New England states and to the Mid-Atlantic Coastal areas; Hawaii to the West Coast and as far East as Colorado. The West Coast opened to Florida, the Caribbean and down to LU land.

* * *

VISITORS AT THE NOV. 18, 1982 MEETING

WB3IGR, George - Abington, Pa.
KB3XG, John, Newtown, Pa.
KA2NYF - Janet, Deptford, N.J.
JA1VOK - Hat, Chiba (In Tokyo Area) Japan
N3BHS, John - Norwood, Pa.

AC3T - Len, Wilmington, DE.
W3AYJ - Al Schnipper, NE Phila., Pa.
K3RFL - Joe Schnipper, NE Phila., Pa.
WB3EFO - Ed Lee, Huntingdon Valley, Pa.
WA2ZMN - Rod Finger - Pennsville, N.J.

* * *

VOTED TO MEMBERSHIP

KS2T - Jay Miller
527 Woodview Road
Toms River, NJ 08753
201-244-7623

CHANGE OF ADDRESS AFTER 12/18/82

K3IGX - Richard & Muriel Boyle
9061 W. Royal Palm Road
Peoria, Arizona 85345

SWAP SHOP

FOR SALE: QTH of W3BBB - 4 bdrm 2 story frame residence w/large 2 car heated garage. Oil HW,A/C, lot 80x150, full bsmt, alarm system.LR, DR, lg kit, 6bdrms, full bath & 1/2 bath. 124 Central Ave., North Hills, Pa. \$73,500.00

CONTACT: Jim Spencer, W3BBB
Phone: 215-884-8469

FOR SALE: Audio Cassette Tape Recording Roy Neal, W6DUE, Keynote speech at the 1982 Dayton Hamvention & Dr. Lee DeForrest speaking on the occasion of his 85th Birthday Aug.'58. Cost \$2.00

CONTACT: Al, W3AYJ
Phone: 215-725-2869

FOR SALE: 12V 8Amp pwr sply - \$20; Heathkit DX 60B xmitter \$20; Gertsch FM-3 freq. mtr - 20-1000 MHz .001% - \$35.

WANTED: 6 mtr SSB/CW gear.

CONTACT: WA3IWT, Richard Prim
Phone: 215-355-1192

FOR SALE: Midland 13-509 - 220 Mhz xcvr w/14 sets of xtals \$220. FM 2 mtr twist ant. \$25.

CONTACT: Don, WA3HVL
Phone: 215-969-9622

FOR SALE: Heath Matrix decoder & manual \$25; Heath model 10-4560 5" scope & manual \$120; Heath micoder II microphone & manual \$25; Realistic compact cassette recorder ctr 48 \$25; Realistic AM-FM 8 trk stereo player, portable \$30; Dumont Fairchild portable freq. standard (5-500 MHz) \$20; Concord reel to reel stereo tape recorder \$30; Ampex reel to reel stereo tape recorder \$75; Duofone Tad 20 telephone answering system \$25; Heath Mohawk receiver w/Heath 6&2 mtr. converter & manuals \$100; Realistic 8 channel scanning receiver - Pro 52 \$25.

CONTACT: Doc Cutler, K3GAS
Phone: 215-635-1078

FOR SALE: Xmitting set-up: Hallicrafters HT-32A xmtr, Astatic mike, micronta swr bridge, MFJ-9000 transmatch, dummy load, tap key, TR switch, ant. switch, key monitor, jumpers & connectors, dipole ant. \$175 or best offer.

CONTACT: Ed Dressler, 8713 Patton Road Wyndmoor, Pa.
Phone: 215-836-2360

FOR SALE: FM 21 220 Rig - xtals in all 6 positions \$125. VU Mtr in case, 16 EL col. 220 mhz ant., pwr sply, Hickok sig gen, HiFi amp, 24V blower (sq. cage), 6 mtr mobile AM (pwr sply - DC to DC), Halo & mnt, 2 - 6mtr 20 milliwatt rigs (QST), 2 VFO's for 6 mtrs & 2 mtrs, AR22 rotor & control (needs work), pwr sply for Gonset most items at K3GAS, QTH. 2 Rohn #6 & #25 roof towers - complete top section, rotor plate w/roof mtg angles & 10 ft. steel masts. Good condx. \$25 ea. (located at QTH W3CL)

CONTACT: Dick Boyle, K3IGX (leaving area Dec. 18th)

Phone: 215-927-6471
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* * *

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7x5x2 - 3.10	1.65	10x12x3 - 7.00	3.50
7x7x2 - 3.25	1.75	10x17x3 - 7.75	3.75

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HUDSON DIVISION CONVENTION REPORT

By Dave Zimmerman, W3ZD

Our sister division to the North, the Hudson Held its biannual convention at the Americana Hotel, formerly the Playboy Club at Great Gorge in McAfee, NJ on Oct. 30,31, 1982

It would have been impossible to order a finer location with a finer weekend. The weather was perfect Indian Summer, and the mountainous terrain with the Fall foliage possibly in its peak of spectacular color, together with the fresh air made it very difficult to go back indoors after sampling it.

The committee did a very nice job with all the arrangements; all the technical programs were reported to be very interesting. I was told that the banquet was very well done with fine food and an excellent keynote speaker. Attendance was reported to be about 250 with the overall attendance at the convention estimated to be about 1500. Judging from the past years at the Playboy, I would say the attendance was way down, at least in the flea market area.

Those that ran the DX forum and the VHF forum seemed to be very disappointed at the 15 to 20 who attended these sessions. There must have been other sessions with low attendance also; I looked into one room that had about 8 or so listening to the speaker. This then would be classed as not one of the biggest successes of the Hudson Division.

Casting about for the reason for the low attendance the small number of sellers at the flea market, and the very small number of commercial dealers would lead one to just one item; the cost. Setting the registration fee at \$9.00 at the door, \$7.50 advance with the small flea market renting for \$10.00 per day, \$20.00 for both days seems to me to be an action of the committee that is programming the event for failure. I do not know what the booths rented for, but judging by the number sold it must have been very steep.

It is true that this is a very plush place, and the rentals charged to the group a bit high, and then too, isn't everything going up these days?, but fellas, this is a bit too much gouging! And apparently a lot of the gang that stayed away from the affair in droves agreed with me. Let us hope that the damage is not permanent.

* * *

TID BITS

Sun watcher, W2AXU, Jack Power, reports the Sunspot No. for October, 1982 = 94.3. Smoothed No. for April 1982 = 123.9.

Holiday Greetings from Dave, WB2VLA, Nancy N2AII and Harmonic, Nathan.

Congratulations to Mike, WB2RVX on obtaining his Extra Class License. Thanks also Mike for bringing Hatsuo Yoshida, JA1VOK who hails from Chiba (Tokyo area) Japan to our November meeting. Hat gave us a thumbnail sketch of his VHF activities having worked 63 countries on 6 and made a record 5000 KM contact on 2 meters to VK land. (Note greetings in Japanese on Holiday Greeting Page)

Many thanks to Rich, K3ACR in helping to remove the roof tower and antennas at K3IGX QTH.

Thanks to Al, W3AYJ and brother Joe, K3RFL for making possible for the excellent tape presentation at our Nov. meeting. Roy Neal, W6DUE of NBC discussed the possibility of we amateurs to get into the space satellite communication program in the future. There was also a tape of Dr. Lee DeForest on the occasion of his 85th birthday. Al sprung a short portion of a tape made by W1HDQ of a special CW DX contact. Al volunteers to tape our "Crying Towel" session at the January meeting.

Congratulations to Joe, K3VEQ when Wedding Bells will be ringing in Jan. 1983.

It was nice to greet Don, WA3HVL and his two boys at the meeting.

Ed, WB3EFO came to the meeting spry as ever. Keep up the good work.

We want to say a pleasant farewell to Dick & Muriel (K3IGX) who are moving to Arizona this month. Keep in touch, please!!

(PACK RAT NOSTALGIA)
A BUS PILGRIMAGE TO ARRL HEADQUARTERS
NEWINGTON, CONNECTICUT, SEPTEMBER 16, 1967
Reported by Harry, W3CL

The big forty-one seat air-conditioned bus left the "Doria" rain and wind-swept roadway of the N. Phila. Airport at 7:10 AM. Frankie, W3SAO stood there forlornly but loyally to say his goodbyes. (Frankie and Helen couldn't make the trip due to a death in the family).

A number of distinguished travelers were aboard: W3YA, Director, Atlantic Div., W3ELI, SCM, Eastern Pa. W2ZI, SCM, Southern N.J. and W2HX, Secretary, Delaware Valley Chapter of the QCWA.

The complete passenger list follows: W2AEW, W2AXU and XYL Libby, W2EIF, W2HX and XYL Louise, WB2IOE, WB2NOK, W2RLY, W2ZI, W3AJS, WA3BIV, W3CL and XYL Sylvia, WA3CQO and Sharon (WA3FBK), W3CXU, W3ELI and XYL Gracie (WA3BJQ), K3EOD, W3FGQ, K3FYS and friend, K3GAS, K3GAY, WA3GNV, WA3HIT, K3HSS, K3IUUV, K3JJZ, W3LHF, W3MPY, K3PGC, W3YA and Mrs. Crosley, K3ZPN and mother, and K3ZPQ. WB2OAD, XYL Noel and son vacationing in New England joined us at Newington.

Our first breakfast stop was the charter bus terminal on the N.J. Turnpike. Later we had a short tour of the Bronx (wrong turn by Mr. Huston, our stolid bus driver). A missed direction in the Connecticut area resulted in a one hour scenic side trip in the Hartford complex accompanied by frantic direction giving on the part of K3IUUV and company. The younger set, unruffled by the confusion, continued their card playing on the back seat of the bus.

We arrived Newington in bright sunshine (having outrun "Doria") a bit ahead schedule because of the missed lunch stop. We were greeted by Perry Williams, W1UED and the group then scattered to find a bite to eat. The headquarters building and W1AW were a different operation compared to our first visit on the Sat. four years ago when the packing cartons from 38 LaSalle Road were scattered about.

The party was split up into four groups and conducted on a tour of the facilities with excellent explanations of the operation. Our expert guides were Perry Williams, Assistant Secretary - W1UED, Ed Tilton, VHF Editor - W1HDQ, Laird Campbell, Managing Editor - W1CUT and Guy, a part time young lad - WA1GFW.

We noticed that our good friend Ellen White, W1YYM left a "Welcome Pack-Rats" notice in her office window so El, K3JJZ reciprocated by placing "Pack-Rat" signs in various strategic locations about the headquarters building.

A note of interest - W3AJS and W3CL, buddies since high school days, made boyish plans to visit ARRL headquarters forty years ago - mainly to meet Hiram Percy Maxum. At last they made the trip together but only to commune with the spirit of TOM among the nostalgic museum pieces in the building lobby and few mementos in the W1AW memorial station.

Later George Hart, Communication Manager, W1NJM joined us and participated informally in discussions of ARRL policy and plans.

A delicious catered smorgasboard meal was served in the headquarters building cafeteria in an enjoyable informal atmosphere. Dave, W3LHF, our president thanked the headquarters gang for a fine day and presented an autographed "Pack-Rat" sign to Ed Tilton, W1HDQ. Perry Williams, W1UED, speaking on behalf of the league, stated how happy they were to have us and begged us to return soon again.




The bus started away at 7 PM amid the waving of goodbyes and to many of us with thoughts of bygone days of the "Woof Hong" and "Retty-Snitch."

The return trip was rather uneventful. We made sure that our navigator K3IUUV was seated close by the driver. Dave, W3LHF kept us amused with frequent announcements on the bus amplifier system. The forty or so sandwiches packed by the caterer were consumed long before arriving at our destination.

We arrived N. Phila. Airport at 11:30 PM and went our separate ways with pleasant memories of an eventful trip.

Our thanks to WA3BIV, Chairman of the trip committee and Grandpa Bill, K3HWZ who made the parking arrangements with the airport management.

NOTE: W3ELI now W3HK; W3LHF now W3ZD; WA3BIV now WA7TCF.

<p>HAPPY HOLIDAYS TO ALL THE PACKRATS K3IUV - Bert and Family MELE KALEKA MAKE</p>	<p>SEASONS GREETINGS TO ALL W3EXU JOHANIE LORETTA</p>	<p>HAPPY HOLLIDAYS TO ALL JACK WZAXU FLORENCE WAZWYE</p>	<p>SEASONS GREETINGS DE W3TNP W3KKN BERT ERNIE</p>	<p>HAPPY HOLIDAYS TO ALL JOE K3RFL BETTY IRIS MEL PATTY TED LAURA STACY</p>
<p>HOLIDAY GREETINGS FROM ARIZONA K3IGX </p>	<p>SEASONS GREETINGS W3CIL Arl & Carol</p>	<p>HAPPY HOLIDAYS  MARSHA (WABTEA), FRED, JOSHUA & REBECCA</p>	<p>SEASONS GREETINGS de SYLVIA & HARRY W3CL</p>	<p>SEASONS GREETINGS AMATEUR RADIO FELLOWSHIP NORTHEAST REGIONAL LIBRARY THIRD MONDAY OF THE MONTH 7-9:00 PM. AL, W3AYL, PROGRAM CHAIR.</p>
<p>Xmas - 7/22/22 新年おめでとう 貴方HF777のより 栄格を新して、子 de 吉田初夫</p>	<p>Merry Christmas and Hope we more active on VHF from Japan de JA1VOK</p>	<p>MERRY CHRISTMAS & HAPPY NEW YEAR LYN W3NSI SALLY</p>	<p> DE DOC LORETTA K3GAS</p>	<p>HAPPY HOLIDAYS W3FQD & XYL, MARY</p>
<p>Happy Holidays de PEG & LEE K3MXM</p>	<p>Merry Christmas & Happy New Year W3RVX K3NYF </p>	<p>MERRY XMAS ES Happy New Year DE (LW) MACK MARIE JANE - W3BOSK SCOTT DAVE - W3ED JILL</p>	<p>Happy Holidays DE W3FOF & Family LYNDA, DAWN, & DENISE MUCH DX IN NEW YEAR 73's</p>	<p>SEASONS GREETINGS DE W3HVL-L & FAMILY</p>
<p>HAPPY HOLIDAYS FROM THE PATTONS RICH, JORGE & KAYE K3ACK</p>	<p>SEASONS GREETINGS N3BHS</p>	<p> HAPPY HOLIDAYS JO (W3EIF) & SUSIE</p>	<p>Season's Greetings Harry W3IIT Rose, Diane, David & Denise</p>	<p>GREETINGS FROM Florida de Mildred & Tom Matthews K4H1JC</p>
<p>HOLIDAY GREETINGS DE GRACIE - W3BJG ES GEORGE - W3HK</p>	<p>HAPPY HOLIDAYS JOHN and BARBARA K3KTY</p>	<p> W3JMF MERRY CHRISTMAS & HAPPY NEW YEAR</p>	<p>SEASONS GREETINGS FROM CALIFORNIA W3ZSE KFGAT (ex) WASWAS W3LYHO</p>	<p>Ed Lee W3SEFO. The old spark</p>
<p>Best Regards & Season Greetings Beo W3ZDPH</p>	<p>Seasons Greetings From Helen Brick "Mother Rat"</p>	<p>Happy HOLIDAY'S W.L K3PHY</p>	<p>Merry Christmas 73's Mary WAZOMY</p>	<p>Happy Holidays DE W3AJS 160 METER ED</p>

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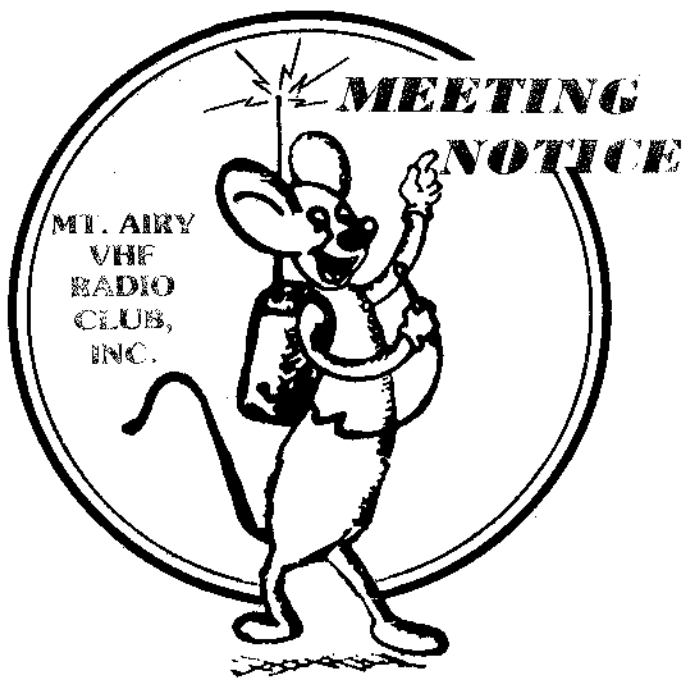
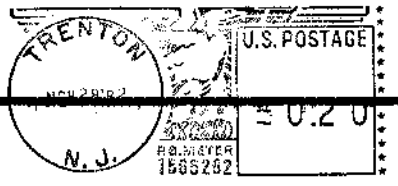
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