

# 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.

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SOUTHAMPTON, PENNSYLVANIA

VOLUME XVII

FEBRUARY 1975

NUMBER 2

THE PREZ SEZ

We were all saddened to learn of the passing of a fellow Pack Rat, Ray Whitehead, W3ZRR. Although I did not have the privilege of knowing Ray personally, I have been told of his many accomplishments both in and out of ham radio and his contributions to the club over the years. My sincere condolences on behalf of myself and the Pack Rats to Ray's family. A page has been set aside in the club minutes in memory of W3ZRR. We will all miss him.

The January Contest wrap-up meeting was held at W3ZD's on January 18. There was a fine turnout of members, over twenty, which contributed to the speedy completion of the task at hand. Thanks to Rich, K3ACR, his committee and all those who attended.

The annual "Crying Towel" meeting was a laugh success with a near capacity crowd gathered to hear all the tales of woe. Many almost unbelievable stories, relating much humor, hardship and tribulation were communicated. Of course, all pertaining to the now infamous January Contest weekend of 1975. The "Crying Towel" judges had a tough time deciding on a winner. However, when the waters receded, one individual "towered" above the rest and walked off with the coveted terry cloth tear soaker. Ernie, W3KKN, is our redeyed tear stained winner of Crying Towel XV. Better luck next year guys!

This month's meeting is Home-Brew night so bring all those shiny new fruits of your midnight construction labors and share your ideas and frustrations with your fellow amateurs. In addition to the usual amateur radio type projects, Tony, W3HMU, would like to see some non-ham projects displayed. Many of our members possess talents that are seldom revealed to the outside world. Many for good reasons. However, if you engage in a "G" rated hobby or craft, we'd like to see what your up to when not playing amateur radio.

A committee of seven has been appointed to study, and further to formulate, a unified club position of Docket #20282. W3KKN will chair this committee. We also urge every club member to obtain a copy of this latest FCC proposal to amend the rules for the Amateur Radio Service. Careful study and comment by every individual is imperative for this is one of the most significant and sweeping proposals to affect amateur radio in recent history. W3HQT has accepted the position of June Contest Chairman. Let's all pitch in and give Bill a hand at capturing the elusive number one spot in June. This month's cryptogram:

Now is the hour to check our towers lest the rust devour  
EFN UJ KSV SFLI KF XSVXB FLI KFNVIJ CVJK KSV ILJK WVMFLI. 73 Ron WA3AXV

Solution to last month's cipher: "Situation normal all fouled up". (SNAFU)

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

10c 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.

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SWAP SHOP ITEMS - NO CHARGE

DEADLINE FOR ARTICLES IS THE GENERAL MEMBERSHIP MEETING.

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7815 NEW SECOND STREET  
ELKINS PARK, PA. 19117  
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PHILADELPHIA, PA. 19141  
215 - DA 4-7524

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

CLUB HISTORIAN:

W3EAO, 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:

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K3ACR, RICH PATTISON  
WA3JUF, DAVE MASCARO  
K3KDN, GEORGE GAKOUMIS  
W3YXF, JOE RUSHTON

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

MONTHLY NIGHT NETS:

TIME	NET CONTROL
7:30 P.M.	W2EIF
8:30 P.M.	W3CL/K3ACR
9:00 P.M.	K3GAS
9:30 P.M.	K3IUV
10:00 P.M.	W3HMU

FRIDAY NIGHT ATV NET:

499.250 - 7:00 P.M. W3ZKO/WA3AXV

PACK-RAT REPEATERS - 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-  
CONTINUED DOCKET #20282 WRITE:  
WRC - WASHINGTON, D.C. 20554

JUNE 1975 VHF GEO PARTY CHAIRMAN -  
W3HQT, BILL OLSON

ARL'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 ARL'S CD-82 TODAY.

de Auto Call

CALENDAR OF COMING EVENTS

Syllabus by Lee, K3MXX

FEBRUARY

- 1 - 2 ARRL DX Contest - Phone - Full details, QST
- 7 - 8 The Boy Scouts in the western suburbs will set up and operate a 6 meter AM station at the new Springfield Mall. Look for them and contact them.
- 12 Board of Directors Meeting: - QTH - K3GAS - Doc Cutler, 7815 New Second Street, Elkins Park, Pa., 19117. Directors and interested parties invited.
- 20 General Club Meeting - Southampton Free Library - 8 P.M.

HOME BREW NITE - AND SECOND HOBBY

Here is your chance to show your peers what you can do and have been doing down in the shop all these long winter evenings. Several classes to compete in, awards will be given.

Many of us have secondary hobbies such as photography, coin and gem collecting, star gazing, etc. Bring in some samples or models of your work so we can all see and appreciate.

Doc's Silent Auction - - The Mario Raffle

REFRESHMENTS

OPEN MEETING TO ALL

MARCH

- 12 Board of Directors Meeting
- 20 General Club Meeting
- 22 QCWA - Delaware Valley Chapter - Spring Dinner Meeting - Buck Hotel, Feasterville, Pa. Speaker - Lou Moreau, W3WRE
- 22 - 23 First Eastern VHF/UHF Conference.  
University of New Hampshire - Durham, New Hampshire

Our own Chuck Benavides W1K1R is on the organizing committee and full information and a flier can be obtained by writing him at - 103 Peabody Drive, Stow, Mass., 01775

HAMFEST CALENDAR

- February - Greater Vienna, Virginia Winterfest
- April 25-27 Dayton - Special note - a 220 repeater is now available 223.34 in - 224.94 out
- October 5 Pack Rat HAMARAMA
- October 19 Gaithersburg

It saddens us to report that Raymond Whitehead, W3ZRR passed away on January 2, 1975. Ray served the club in various capacities over the period of years from the early days of our existence. A fine gentleman of the old school now lives in our memories. The club members extend sincere condolences to his family.

OFFICIAL FINAL SCORES  
OF THE PACK RATS

CALL	SCORE	CALL	SCORE
K3ACR	303-10-12120	W3HMU	441-20-26460
W3AJF	207-11- 8694	W3HQT	455-23-30030
WA3AQA	203- 3- 5278	WA3HVL	111- 3- 2886
W2AXU	9- 4- 252	W2HX	50- 3- 300
WA3AXV	412-20-24720	WA3IDQ	148- 4- 4144
K3BOY	77- 3- 2002	K3IGX	221- 4- 6188
K3BPP	307-12-13508	K3IPM	535-28-40622
W3BRU	155- 7- 5270	K3IUV	319-16-16536
W3CCX	184- 5- 5520	K3JJZ	305-10-12200
W3CJU	193- 5- 6176	WA3JSR	108- 3- 2808
W3CL	320-11-13449	WA3JUF	253-15-12650
W3CLT	100- 7- 3400	WA1KIR	146-14- 7008
W3CXU	159-11- 6657	W3KKN	501-21-31062
WA3DJF	200- 3- 5200	W3KM	32- 2- 768
K3DLS/M	60- 3- 1560	K3KTY	190- 9- 7220
K3DMA	245- 5- 7350	W3KXH	40- 2- 960
W2EIF	370-19-21431	K3MNV	390-19-22591
W3ELX	232-10- 9280	K3MXM	206- 6- 6592
K3EOD	165- 5- 4950	WA3NFB	107- 2- 2568
K3EPB	169- 9- 6422	WA3NGK	315-13-14490
WA3EPS/AM	11- 2- 264	K3NMN	133- 4- 3724
K2EVW	56-12- 2464	W3NSI	129- 3- 3354
WA3FOF	233-10- 9320	K3OBY	7- 1- 154
W3FQD	127- 6- 4064	WA3OVH	263- 3- 6838
K3GAS	234- 8- 8424	W3PST	6- 1- 132
W3GEN	207- 5- 6210	WA3PUL	245-12-10780
W2GGB	53- 2- 1272	W3QB	19- 2- 456
W2GIA	130-11- 5460	WA3SPR	126- 4- 3528
K3GOZ	196- 3- 5096	K3VEQ	48- 3- 1248
W3HFX	347-16-18044	W3YFX	145- 9- 5510
K3HIN	136- 4- 3808	K3ZKO	8- 2- 192
W3HK	218- 8- 7848	W3ZD	410-21-25420
W3HKZ	35- 2- 840	K3ZSG	359-20-21450

\* Outside Area

TOTAL 564,565

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OFFICIAL BULLETIN NR-516 FROM ARRL HEADQUARTERS NEWINGTON CT JANUARY 9, 1975 TO ALL RADIO AMATEURS BT

A recent action of Congress approved by the president has amended the Communications Act permitting aliens to hold licenses in the Safety and Special Radio Services. When suitable changes have been made in the amateur regulations, it will be possible for non-citizens to take FCC tests and receive FCC licenses regardless of type of visa, age, length of stay here or previous holding of a license elsewhere. The changes also are expected to speed up issuance of reciprocal operating permits to visitors licensed by certain other countries, since the requirement for clearance by other agencies has been deleted. Details February QST. ARRL

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VHF/UHF REPORT

By Jo, W2E1F

The VHF report for this month is rather skimpy. There were the usual last minute stations getting on just before the contest and the usual collection of bad signals on during the contest. Maybe its just as well that we won't hear them again until next year. Conditions were poor but what I consider normal for the January VHF contest period. The high point for me was a single 1296 Mhz contact which I made with K1PKE, 140 miles northeast of me during the "poor" conditions. It points up the lack of use of the bands above 2 meters because of the present rules for the January contest. Here is hoping that activity picks up on all bands during the coming year. Don't forget the EME activity of WA6L on February 22, 23, 1975. Listen at 144.190 and 432.190 for his signals. Reply at 144.100 Mhz or 432.100 + 2- Lhg. The times will be 0500 to 1000 GMT, Feb. 22, and 0000 to 0500 GMT, Feb. 23rd. Gud Luck!

\*\*\*\*\*  
THE AMERICAN RADIO RELAY LEAGUE, INC.  
223 Main Street, Newington, Conn. 06111

OFFICIAL BULLETIN NR 518 FROM ARRL HEADQUARTERS  
NEWINGTON CT JANUARY 18 1975 TO ALL RADIO AMATEURS

The Board of Directors of the American Radio Relay League in annual session January 16,17,'75, examined FCC proposals for restructuring in Docket 20282 and laid the groundwork for an extensive survey of member attitudes and opinions to be gathered prior to a special board meeting called for May 16, 1975. Directors will seek member reaction in each division but agreed to ask similar questions in each case so national as well as regional views can be tabulated. ARRL officers were authorized to take all necessary measures in opposing continuing efforts in government agencies to reallocate a portion of the amateur 220 Mhz band to a class E citizens radio service. In response to an FCC inquiry, the League will file a brief seeking U.S. support for expansion of amateur bands at the 1979 World Radio Conference. Richard L. Baldwin, W1RU, was named ARRL General Manager effective February 1, on retirement of John Huntoon, W1RW, who continues his term as secretary. Thomas Watson, W6DW, plus league directors K2SJO, W4ACY and W8ETU were elected to the board of the ARRL foundation. W4WHN, W5EYB, W6KW and W7PGY were reelected to the ARRL executive committee. In the operating awards field, a CW DXCC will become available for contacts after January 1, 1975; a special WAS will be issued for contacts during Bicentennial Year 1976; A plaque will become available to DXERS reaching top of the honor roll. The technical merit award was made to DJ4ZC and DJ5KQ. A cooperative project with the sister cities program will be expanded. To increase public service capability a workbook will be designed for quick reference use in disaster communications procedures, and WIAW will expand bulletin information during emergency communications activities or alerts. A world wide system of alerting amateur networks in impending or actual disasters will be explored. Minutes of the meeting will appear in March QST. AR

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Official Bulletin NR 517 from ARRL Headquarters Newington CT January 14, 1975 to all Radio Amateurs BT: While few amateur installations will be affected by new FCC rules to implement the Environmental Protection Act, all applications for station licenses after January 20, '75 must so affirm by including a statement to the effect "This is not a major application as defined in Section 1.1305 of the Commission's rules". This assumes an antenna less than 300' high, or a dish less than 30' diameter, and a station location other than in a wilderness area, wildlife preserve, national historical area, etc. Check with ARRL Hq. if any questions arise. AR

NEW PRODUCTS OF INTEREST TO HAMS

BY Lynn WJMSL

1. Converter Kit 432 Mc: Hamtronics, Inc. will introduce a new 432 Mc (or 450 Mc) converter kit in January 1975. The unit is constructed on a 3 x 4" epoxy PC board and can be adjusted for output in the 2, 6, or 10 meter bands. Operation is from 12 VDC. A 432 (or 450) preamp will also be available in kit form. Price \$20.00. Preamp Kit \$15.00, wired \$25.00. Crystals \$5.50.

182 Belmont Road, Rochester, N.Y. 14612

2. Tunable Slotline Filters: Wirex, Inc., has three transmit and receive filter units for 50Mc, 144Mc, 220Mc which can be inserted in a coax feedline to give up to 80 Db rejection of unwanted signals. The two higher frequency units are built into 3 x 3 x 12" boxes while the 50Mc unit is 1.7 x 6 x 4". Insertion loss is 1.2 Db. Power handling capacity is 150 watts. Price \$40.00 (\$50.50 Mc unit) 602 Harrison St., Davenport, Iowa 52805

3. VSWR Indicator: Antenna Specialists ASM 104 uses LED indicators rather than a meter. While actual values cannot be read this way, the unit is of value in that when the 144 or 220 rig is on, the LED on one end of the box will light, and if a mismatch is present, the LED on the other end will light. Power limit is 25 watts on either band, which should be enough for most of the rigs now in use. Price: \$20.00.

12435 Euclid Ave., Cleveland, Ohio 44106

\* \* \* \* \*

MTID BITS

We wish Hy Eckel, WA3NDE a speedy convalescence after suffering a heart attack recently.

It was nice to see and chat with W3KXHP, Jim Spry and Jerry Tessier, W2GIA at our last meeting. Try to come out more often fellows!

Congratulations to Edith and Sid, W3GEW on becoming grandparents on January 10, 1975. The proud parents of Benny Nicole are the K3NDA's.

Doc and Loretta, K3GAS went to Miami, Florida to visit with their daughter Linda who is in training to become a golf pro. Keep your eye on the ball, Linda!

Herm, K3G02 reports a contact with one of the original Pack-Rats W3UAY, Doc Nichols affectionately known as the "Blue Jay of Happiness" who sends his 73 to the gang. If you would like to get in touch with George, his call is now W2G3B, QTH - 240 E. 27th St., Beach Haven Gardens, N.J., 08008. Tlx Herm for this info.

Notice to owners of FM-21 Clegg 220 mhz units - W3AJF reports that care should be taken when inserting the power plug when using the rig in the car. It's possible to put the plug offset into the socket and blow a fuse.

Winners of the "Crying Towel" - W3RRN, K3J3Z and WA3HVL - we had to mop the tears from the meeting room floor.

Tony, WB2MTU, Director of the Space Net presented trophies to the various class winners of the Skylab III contest at our January 16th meeting. The Pack-Rats placed first in the club competition.

Our VHF SS "wrap-up" meeting at the QTH of W3ZD was a huge success on Saturday, Jan. 18th. The following members participated: K3AGR, WA3AXV, W3CL, WA3DJF, K3D15, K3DMA, W3FQD, K3GAS, W3GEW, W3HMO, W3HQT, K3IGX, K3IPM, K3IUV, K3J3Z, WA3JUF, W3KKN, K3MNV, WA3NFV, WA3NCK, W3SAO, W3YXF, and W3ZD.

We extend our good wishes and luck for the future to John Huntoon, W1RW who resigned in January as General Manager, ARRL.

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



AD  
MANAGER  
KSMW

**ADS**

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<p>000-122 0007</p> <p><b>TELECOMMUNICATIONS ASSOCIATES</b> MANUFACTURERS REPRESENTATIVE</p> <p>EDWARD SHADDOCK MEMBER, I.R.E. W0RKY</p> <p>POST OFFICE BOX 601 HARRISBURG, PA 17109</p>	<p>000-122 0002</p> <p><b>HARRY B. STEIN ASSOCIATES</b> COMMUNICATIONS CONSULTANTS</p> <p>HARRY B. STEIN</p> <p>507 PARKDALE AVE. HARRISBURG, PA 17104</p>
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CONTACT: Pete, WA3RCA - 215 - TU 6-1859
- FOR SALE:** 1- HP Oscilloscope Model 185 - \$300.00. Wide band, excellent condition.  
1- Eico 753 with AC 7 DC power supply - \$150.00. For 117V. or 12V.  
1- Tektronix Model 661 - wide band scope - dual trace. \$250.00  
1- ATV Fast Scan - needs tinkering, has remote, monitor, camera - views one way, two way, sound only, etc. - \$300.00  
1- Friden Photocopy machine - never used. - \$45.00  
CONTACT: Don, WA3OUM - 250 Alden Ave., Morrisville, Pa., 19067  
215 - 295-2436
- SALE OR SWAP:** Drake SC-6 6 meter FET converter, CPS-1 Power supply, SCC-1 Crystal Calibrator. Package only with manuals - \$60.00
- NEED:** Quality grid dip meter LSB filter for TR-6  
CONTACT: WA3AXV, Ron - 215- 355-5730



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THIS IS YOUR LIFE (THE PACK RATS)  
Part #7 "In Memory Of-----"

As the year 1975 begins I think it is time to reflect on other by-gone years. In most organizations at least once a year they have a moment of silent prayer for those members who have passed on. I would like you at this time to take a few moments to read the list of our SILENT KEYS. After you have read all the names, sit back and try to remember. Did I know him? I wish I had known him. He joined the club the same year I did. There are all kinds of things you can remember. What did he do for the club? Why does he live in memory? After you have thought for awhile you realize that these men helped to make the Pack Rats what they are today. What will be your contribution to the club?

W3CCX	Matthew Gelardi	2- 4-58	K3HWZ	William McCutcheon	10- 9-69
K3MTL	Courtland Manning	6- 9-61	W3BVR	Theodore Leaf	10-15-69
W3ASD	Karl Vincent	2-25-63	W3IK	John Specialny	11-19-69
W3AYG	John Harris	10-22-64	K3ALK	Georgé Kéyzér	2-12-70
W3UMI	Wilfred Jones	7- 9-65	W3MVF	David Bloch	4- 2-70
W3CFS	Edward Albert	10-24-65	K3EQU	Paul Pfeleger	10- 5-70
W3IBH	Charles Clements	10-31-65	W3JSD	John Houser	1-13-72
K3LBT	Alfred Obenland	1-10-66	K3ZPO	Robert Elmer	1-31-72
W3CPT	Kenneth Harrison	3- 7-66	W3IA	Thomas Coin	9- 1-72
W2SXO	Wilbur Stites	9- 1-66	K3GLV	Ralph Hersh	4-22-73
W3GLI	George Reed	1-10-67	K3UJO	Mario Fontana	3- 4-74
K3PXT	Carmen Diodati	6- 3-67	K3WGK	Donald Cooper	8-11-74
WA2QCQ	Donald Gilmore	8- 8-67	W3ZRR	Raymond Whitehead	1- 2-75

In the above list we have the following: Founder of the club, Past Presidents, Past Vice-Presidents, Past Recording Secretaries, Past Treasurers, Past Directors, and Past Raffle Chairman: (to be continued)

W3SAO Frankie, Club Historian

\* \* \* \* \*

AN OBSERVATION

During the perusal of the log sheets from the recent VHF sweepstakes contest (Jan. 4, 5, 1975) it was noted that the following stations were on the air with the year of license as shown. It was interesting that almost a complete sequence was represented.

1916 - W3HB	1927 - K3MWQ, K3HQX, W3KXH
1917 - W2IP	1928 - W3CL
1918 - None heard and suspect that none issued due to WW-1.	1929 - W3GHX
1919 - W2HX	1930 - W2EA
1920 - W2BV, W2KWE, W2UK	1931 - W3HK, K2SWZ
1921 W2BAY	1932 - W2EIF, W3CLT, W3CXU, W3BBC, W3LUL, W2FSN
1922 - W3AJF	1933 - W2IDZ
1923 - W3IMU, W3CGV	1934 - W3ETB, W2GUX
1924 - W1KK	1935 - W3GEW
1926 - None heard	

This could have been continued further but with the exception of 1936, 1937, and 1938, considerably more space would be required. It is interesting to note that operators licenses only were issued during WW-2 and that comparatively few were heard.

Dave Zimmerman; W3ZD (1944)

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**

