

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 8:00 P.M.

Southampton Free Library, 947 E. Street Road
Southampton, Pennsylvania.

VOLUME XVIII

FEBRUARY 1976

NUMBER 2

THE PREZ SEZ

The January Contest wrap-up meeting was held at W3ZD's on January 24. Many members turned out and pitched in to contribute to the speedy completion of the task at hand. Thanks to Tony, W3HMU, his committee, and all members that attended for a fine job.

The annual crying towel meeting was once again a howling success. Although we heard many heart rending tails of woe it seems that there is always one story that is head and shoulders above the rest. This year was no exception. The judges were unanimous in their choice of Rich, K3HIN, as the most deserving recipient of the coveted terry cloth tear soaker. I could not possibly retell Rich's story here, but those who listened to the original can attest to his obvious thespian talents. Rich is always moaning about how his business is going to the dogs (a pun is obviously intended). I think he should stop pushing flea collars and litter pans and persue a career on the stage. All kidding aside, thank you Rich and all the other story tellers for a fun filled evening. Also thanks to the W3HMU family for coming up with a really super crying towel for this year. (See pix elsewhere in this issue) Rich assures me it will occupy a conspicuous spot in his shack.

This month's meeting is once again Home-Brew night. Please bring as many projects as possible. Don't worry about what it looks like or how poorly or great it works. The main theme of this meeting is the communication of ideas. No matter how dismal a failure your project was I am sure you learned something new. That's what we want to find out. So come out and enjoy a fine meeting whos subject matter is what some of us think Ham radio is still all about. Walt, K3BPP, is the chairman of the nights activities.

73, Ron, WA3AXV

VISITORS AT THE JANUARY MEETING:

WA3JMM, Russ, Aston, Pa.

WA3IEL, Jim, Drexel Hill, Pa.

WA3UDS, Ric, Churchville, Pa.

WA3SZD, Dennis, Phila., Pa.

WA3WQR, Charlie "Carlos", Phila., Pa.

Guest: Matt Hedson, Phila.

APPLIED FOR MEMBERSHIP: WA3UDS, Richard Janssen, 143 Fairhill Road, Churchville, Pa. 18966
215-355-1980

Change of membership to retired list: W2AXU, John B. Power

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CHEESE BITS MAY BE REPRINTED,
UNLESS SO STATED, AS LONG AS
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SWAP SHOP ITEMS - NO CHARGE

DEADLINE FOR ARTICLES IS THE
GENERAL MEMBERSHIP MEETING.

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7317 RYERS AVENUE
PHILADELPHIA, PA. 19120
215 RA 5-1928

TYPIST:

WA3TEM, MARSHA STEIN

<u>MONDAY NIGHT NETS:</u>	<u>NET CONTROL</u>
145.2 - 7:30 P.M.	W2EIF
50.2 - 8:30 P.M.	W3CL
221.4/224.58 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.	WA3AXV

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K3ACR, RICH PATTISON
W3HMU, TONY SOUSA
W3HQT, BILL OLSON
WA3JUF, DAVE MASCARO

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

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Ed Clark

CALENDAR OF COMING EVENTS
Syllabus by Lee, K3MKM

FEBRUARY

From the Latin februa - a Roman purifactory festival celebrated on Feb. 15th - which in plain words means time to get out of those long johns and take a bath..

- 1 First Anniversary of W3CCX/3 EME - Moonbounce Operation
Score to date - 8 countries
5 continents.
- 2 Ground Hog Day, an indication if the weather will be okay for that delayed antenna work.
- 7-8 DX Phone Competition - see Dec. QST page 61 for info.
- 11 WIAW Qualifying Run, Good chance to get your CW under control and test yourself.
- 11 Board of Directors Meeting -QTH - K3GAS, Doc Cutler, 7815 New Second Street, Elkins Park, Pa. If lost ME 5-1078. Directors and interested parties invited.
- 14-15 10/10 Net Winter QSO Party. Exchange contacts and 10/10 numbers. Logs to Grace, K5MRU.
- 14 Valentines Day, Don't forget that box of candy to you know who..
- 15 Vienna, Virginia Winterfest. First one in the close area. About 3 car hours from Phila., area.
- 19 General Club Meeting: Home Brew Night; many categories, conversions of surplus, new ideas, modifications etc. Here is your chance to show your peers whats been going on in the shack and on the bench, and also a chance to impress the XYL with a nice award. An open meeting to members, friends and interested parties. Doc's Silent Auction, The Mario Raffle, Refreshments. Southampton Free Library, Street Road, Southampton, Pa. 8:00 P.M.
- 21-22 DX Competition, C.W.
***** Participate in the Book Review Nets on Tuesday Evenings at 8 P.M. on 50.2MHZ.
W3HK, George Net Control.

MARCH

- 10 Board of Directors Meeting, QTH, W3KKN.
- 11 Maryland FM Swapfest.

COMING EVENTS:

- April 24,25,26 - Dayton Hamfest
- May 2nd, Delaware Valley ARC Auction, Pennington Fire House, Rt. 31 Pennington, New Jersey.
- May 16th: Warminster ARC Ham-Mart, Warminster, Pa.
- June 12/13: June QSO Party, Hilltown, Pa.
- June 26-27: Field Day
- June 23,24,25: ARRL Bicentennial Celebration-BARCC- Phila., Pa.

Help your directors with your thoughts and ideas for a solid state project which all club members can participate. Convertors, counters, memories, submit your thoughts to Ron, WA3AXV or Walt, K3BPP.

FCC Ruling - Applicants for Extra Class License no longer need to have held a lower class Amateur License for a year.

The Pack Rats are busy guys: The EME Team will be speaking at the RF Hill ARC Meeting in Feb. Dick Pierce K3MWV will be speaking on Amateur TV at the Penn Wireless ARC on Feb. 16th

NEW PRODUCTS OF INTEREST TO HAMS

By Lyn, W3NSI

1. Digital Voltmeter: James Electronics has a kit, JE 801, which is very compact, low in cost, and has four ranges of 2,20,200 and 2000 volts. Unit features automatic polarity, and rated accuracy is .1%. The LED display, 4 digit, is .3" and the entire PC unit is 3x3 1/2 x 1 1/4 inches. Power supply can be anything from 15 to 35 volts since all regulation needed is built onto the board. Price \$40. P.O. Box 822, Belmont, Calif. 94002

2. VHF Power/VSWR Meter: This unit, C 1277, is designed to cover 27 MC -- 450 MC and read watts direct and also SWR. Wattmeter accuracy is 10% and CW power rating is 50 watts up to 225 Mc, and, 25 watts from 225 Mc to 300 Mc. Above 300 Mc the power rating drops to 15 watts. Type N connectors are normally supplied, but other types are available on request. Price \$89.50, Werlatone, Inc. P.O. Box 258, Brewster, N.Y. 10905

3. Frequency Counter: Counters keep getting cheaper. Hufco (TWS Labs), now has a unit, the TWS-6, good up to 30 Mc, using six digits, and can be read to 100 Hz. The unit is very compact, built into a plastic case, with a metal panel. Available as a kit or wired and tested. Price kit \$70. W&T \$90, P.O. Box 357, Provo, Utah 85601

OFFICIAL BULLETIN NR 572 FROM ARRL HEADQUARTERS NEWINGTON CT JANUARY 12 1976 TO ALL RADIO AMATEURS BT: A major auroral disturbance beginning around 1500 UT January 10 brought extraordinary propagation conditions on all amateur frequencies in the hf and vhf portions of the spectrum. Intensity and geographical distribution of the effects may have exceeded those of any similar event in at least 18 months. Coming near the solar activity minimum it is of more than ordinary interest. Participants are asked to report significant details to ARRL as soon as possible. Please give earliest time at which unusual propagation effects were noted, and details of any contacts or reception. Reports are needed for all amateur frequencies, and should be sent to W1HDQ, ARRL Headquarters. AR.

FROM TRI-STATE REPEATER BULLETIN

Increasing audio output on the Clegg FM-21... Receiver audio output on the FM-21's is notoriously low. Here's a simple procedure to increase the level. 1) Parallel R39 (18K resistor) in the audio circuit with a 1 uf cap (any type). If electrolytic, such as a Tantalum, observe polarity. This simple step increases audio output considerably. K3GQC

SPACE NET CONTEST AWARDS MADE

At the Jan. Meeting of the Packrats, Plaques were presented to the local winners of the Spacenet Apollo 11 Contest sponsored by Tony, K4AWS. The following were the winners. Awards presentations were made by Harry, W3CL:

Club Award: 1st Place, Mt. Airy VHF Radio Club, Paul, WA3HIT top score
2nd Place: Mobile Sixers, Russ, WA3JMM top score

INDIVIDUAL AWARDS: Class I: Both 1st and 2nd place out of our area.
Class II: 1st Place, Russ, WA3JMM
2nd Place, Dick, WA3WYL (Unable to attend)
Class III: 1st Place: Paul, WA3HIT
2nd Place: Gordon, K3VYG
Class IV : 1st Place: West Coast Station
2nd Place: Dennis, WA3SZD

Mobile Sixers represented by the President Jim, WA3IEL who accepted for the club, and Russ, WA3JMM top scorer/ 1st place, Class II.

Friend Dennis, WA3SZD, 2nd place winner, class IV accompanied Paul, WA3HIT, top man for the Pack-Rats.

There will be a SPACE NET ROUND UP EVERY WEEK-END IN JULY SALUTING USA APOLLO 11 AND APOLLO/SOYUZ ANNIVERSARY. Details in later issues of Cheese-Bits.

VHF/UHF REPORT

By Jo, W2EIF

The 6 and 2 meter bands showed an activity increase in the last half of December. The upper bands showed normal activity. Preparation for the Jan. VHF Contest was probably responsible for the activity increase. A number of the new commercial T/R units have been heard on 2 meters. These include the KLM Echo II, the Multi-2000, and the Kenwood TS-700A. The latter is giving a good account of itself on AM, FM, SSB and CW.

The contest went off as scheduled Jan. 3 and 4 but the activity seemed down compared to last year. This is due, in the writers opinion, to 1. Poor publicity and announcement by the ARRL itself and 2. The continued exodus from AM/SSB/CW to 2 meter FM.

The contest conditions tropowise seemed poor from this location. Fortunately, E skip on 6 meters livened up the contest for the 6 meter boys. The writer, with a bad case of laryngitis could not take advantage of the 6 meter DX.

The contest date was poorly chosen, being too close to New Years when quite a few people are still away on Holiday. The date also coincided with the professional football playoffs, contrary to past practice. Contestants are also football fans and if one has any TVI at all, he sure is going to hear about it from rabid football viewers!! If the contest was held, as in the past, the weekend before the Super Bowl, there would be less likelihood of complaint.

Saturday Jan. 10 produced one of the best auroras that have occurred in years. This one lasted from 2 PM to 10 PM approximately. It was so intense that contacts as far south as Georgia and Alabama were heard and worked on 6 meters. Stations as far south as N.C. Tenn. and Ky, were heard and worked on 2 meters. States to the West includes Missouri and Iowa and of course the Northern States and New England. The frequencies affected included 432 Mhz. where contacts were made into Michigan and Ohio. This writer worked W8IDU, Michigan and WA8PKB, near Cleveland on 220 Mhz. These signals were 5-7A for long periods of time. Sunday Jan. 11 produced a brief aurora (9.45 to 10.05 PM EST). This writer heard W9YF near Chicago, and worked K9UIF in Indiana.

A peculiarity of these aurora openings was that they seemed to bear no relation to the K and A indices broadcast from WWV. The K index got up to K5 for a brief period. K6 and over was supposed to warn of an impending aurora opening!!

During the contact with WA8PKB and schedule was arranged for Tues. Nites at 8:30 P.M. EST on 220,020 Mhz. It can be reported that the first attempt, Jan. 13 was a success. WA8PKB was 5-7-9 with cloudy conditions, while I received 3-3-9 from him with a snow storm and heavy EME noise at his end! This contact is over a 360 mile path across the Allegheny Mountains!

EYEWITNESS NEWS CHANNEL 3 ANYONE?

By Pete, WA3OVH.

Congratulations to all of you Public service enthusiasts. It looks as if we have really outdone ourselves this year. For years, Lee Cohen, MXM and later Pete, OVH have been plugging away at the increasingly popular once a year message traffic blast on Christmas Day. This year fifteen hospitals and fifteen teams of two meter links were established to forward morale messages from the patients stuck in their beds to their loved ones around the country. This year over three hundred pieces of traffic were handled by the PennARC base station WA3RCA and another hundred by the WA3PZO base station which operated independently in the Delaware Valley area.

High point of the day unexpectedly occurred when Robin Macintosh and his team of video experts walked in the back door loaded with video and camera equipment. They said to please ignore them and carry on as if they weren't there. Of course this wasn't easy piling this unknown element on top of the usual radio room chaos. On the ICOM was Dave-NHO copying incoming traffic, Ralph-FOF on the HW202 while Pete-OVH was relaying outbound traffic in the Low band shack. Meanwhile the traffic sorting table was being run by Ed-YKA, Dan, AIP, and new PennARC member Jim. Also Al-ADP, Don-ALL.

Judging from the number of enthusiastic comments from around the Valley and in particular from amateurs, the final product on channel Three, KYW (which was telecast at 6 PM Dec. 25, and at 11PM for nearly two minutes) was an outstanding chronicle of the public service aspect of amateur radio. Both the color and the presentation were superb. We have written for a copy.

(CONTINUED ON PAGE 6.)

EYEWITNESS NEWS CHANNEL 3 ANYONE?
CONTINUED

In previous years, much of the traffic was routed over MARS facilities, but this has been steadily going down in favor of a 100% ARRL NTS stateside operation. However, the expertise will be available should some future emergency change emphasis once more to a quasi-military (MARS) procedure.

At this time a large scale RTTY system to cover the Delaware Valley, with links to Red Cross, Montgomery County, CD, and others is in the R&D stage with many links now in full operation. PZO copied a number of messages for the first time this year on Christmas from one of his links and thought it worked very well.

Packrats and others who would like to assist in 1976, don't hesitate to send us your names now for next year. Send a card or call Lee, K3MXM or Pate, OVH.

NOTE: PennARC looking for instructors to assist in theory classes Wed.

Nites, 7:30 P.M. - - -

THE AMERICAN RADIO RELAY LEAGUE, INC.

Administrative Headquarters HEWINGTON, Connecticut, USA 06111

January 19, 1976

ARRL BOARD MEETING HIGHLIGHTS

ARRL OBS: If transmission of this bulletin runs over ten minutes, don't forget to identify. Make extra transmissions if you can, because of the importance of this information. Thanks 73, WINJM.

OFFICIAL BULLETIN NR 573 FROM ARRL HEADQUARTERS NEWINGTON CT JAN. 17, 1976 TO ALL RADIO AMATEURS BT: With major emphasis on preparation for the 1979 World Administrative Radio Conference, the Board of Directors of the American Radio Relay League in Annual Session January 15 & 16 initiated an extensive training project coordinated through local radio clubs to promote increased growth of the Amateur Radio Service. Programmed learning techniques and materials will be made available to achieve uniform class instruction leading to an amateur license. The aim is fifty percent growth prior to the conference. The fund for defense of frequencies was replenished to a total of one hundred thousand dollars, and monies advanced to the ARRL Foundation to finance a solicitation program for funds to cover the extensive costs of WARC preparation and participation. In the domestic regulatory field the Board requested the general manager to explore a system of frequency coordinators particularly for repeaters. It directed increased efforts toward the solution of RFI problems, and to alleviate interference and eliminate jamming of the amateur bands. FCC officials W3CAH and K3BNS met informally with the league assembly to exchange views on problems in the amateur radio service, worldwide as well as national, and to pledge mutual cooperation in achieving solutions. Responsibility for affiliated club relations was transferred to the general manager. Deadlines for director nominations and elections were eased to avoid lateness of ballot distribution and return. A regular schedule of SCM elections and terms of office will be established. Approval was granted for a national convention in Seattle in 1980. A new family life membership class was established. President W2TUK and Vice Presidents W4KFC, VE3CJ and W0BWJ were reelected, along with W4WHN, W5EYB, W6KW and W7PGY to the executive committee. W1RV was named secretary, and W1RW treasurer. David H. Houghton, who retired after 35 years as treasurer and a total of 54 years in League service, was elected as Honorary Vice President. The Board ordered studies made by appropriate league committees in the fields of 50 and 420 MHz band plans, an outgoing QSL Bureau, phone patch code of ethics, contest rules, reduced regular and life membership fees for elderly and handicapped, repeater and remote base operation, and possible alignment with national search and rescue groups in emergency communications areas. Minutes of the meeting will appear in March QST. AR

TID-BIT



Dick Boyle, K3IGX has now taken up the duties as official printer for Cheese-Bits and other club publications. The 1250 Multilith is in fine running condition. Your dedication to this vital club activity is appreciated. We want to take this opportunity to thank Carl, WA3DJF who served in a similar capacity for a long time... it is a fun job but is hard work also.



AD
MANAGER
K3MM

ADS

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

<p>NE 7-8928</p> <p>GEORGE S. VAN DYKE, JR., P.E. CONSULTING ENGINEER</p> <p>W3HK</p> <p>4607 CONVENT LANE PHILA., PA. 19114</p>	 <p>AMERICAN RADIO RELAY LEAGUE HARRY A. McCONAGHY, W3SW/W3EPC DIRECTOR, ATLANTIC DIVISION</p> <p>8708 FENWAY DRIVE - POTOMAC BETHESDA, MARYLAND, 20034</p>
<p>609-429-0087</p> <p>BRADDOCK ASSOCIATES MANUFACTURERS' REPRESENTATIVE</p> <p>EDWARD BRADDOCK MEMBER I.E.E.E. W2BAY</p> <p>POST OFFICE BOX 305 HADDONFIELD, N.J. 08033</p>	<p>(215) 747-5052</p> <p>W3CL</p> <p>HARRY B. STEIN ASSOCIATES COMMUNICATIONS CONSULTANTS</p> <p>HARRY B. STEIN</p> <p>2087 PARKDALE AVE. GLENSIDE, PA. 19038</p>
<p>(609) 424-4258</p> <p>GREENTREE PRESS Business cards - Envelopes QSL cards - Tickets - etc -</p> <p>1980 GREENTREE ROAD CHERRY HILL, N. J. 08003</p> <p><u>A request from your AD Manager</u> 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>	 <p>1 year - \$10 2 years - \$17 3 years - \$20</p> <p>73 magazine for radio amateurs</p> <p>PETERBOROUGH, NEW HAMPSHIRE 03458</p>

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CONTACT: Joe Reed, WA3QNS
Phone: 215-279-1517

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SEARS Spirit Duplicator. Stencils, fluid and instruction manual included. Excellent Cond. \$20.00

CONTACT: Harry B. Stein, W3CL
2087 Parkdale Ave.
Glenside, Pa. 19038
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—Guru Maharaj Ji

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MT. AIRY VHF RADIO CLUB, INC.
SUMMARY OF CONTEST SCORES, JAN. 3-4, 1976
VHF SWEEPSTAKES

CALL	CONTACTS	SECTIONS	SCORE	CALL	CONTACTS	SECTIONS	SCORE
K3ACR	65	3	1690	W3HQT	462	35	21490
W3AJF	188	12	8272	K3HSS	47	2	1128
WA3AQA	187	3	4862	WA3HVL *	89	2	2136
WA3AXV	425	27	31450	WA3IDQ	105	3	2730
K3BOY	69	3	1794	K3IGX	188	3	4888
K3BPP	269	15	13425	K3IGX/M3	16	2	384
W3BRU	58	3	1508	WA3IMT	101	4	2828
W3CCX	116	3	3016	K3IUU	294	20	17550
W3CJU	34	3	884	K3IUU/M3	17	2	408
W3CL *	321	11	13482	K3JJZ	359	18	20104
W3CLT	91	8	3276	WA3JSR	122	3	3172
W3CXU	64	4	1792	WA3JUF	247	19	14297
K3DLS	53	2	1272	W3KKN *	534	26	38304
K3DLS/M3	44	2	1056	K3KM	48	2	1152
K3DMA	180	4	5040	K3KMN	44	3	1144
K3DMA/M3	10	1	220	K3KTY	199	10	7960
W2EIF	296	17	15957	WA2MWB/2	5	2	120
W3ELX	210	14	10080	K3MWV	401	29	31278
K3EOD/3	325	24	22100	K3MXM	185	4	5180
K3EPB	171	7	5814	WA3NFV	74	5	2220
WA3EPS	191	4	5348	WA3NGK	301	17	16200
K2EVW	65	13	2990	W3NSI	102	2	2448
WA3FOF *	324	11	13608	K3OBY	78	2	1872
W3FQD	156	8	5616	WA3OVH *	179	3	4654
K3GAS	239	6	7648	WA3PUL	296	18	16576
W3GEW	210	6	6720	W3SMK	166	3	4316
W2GGB	49	2	1176	WA3TEM	38	1	836
W2GIA	114	8	4104	WA3UXM	44	2	1056
K3GOZ	184	2	4416	K3VEQ	43	2	1032
K3HES	79	2	1896	K3VYG	158	4	4424
K3HIN	94	3	2444	WA3YUE	267	15	13350
WA3HIT	172	2	4128	WA3YZC/1	38	12	1650
W3HK	204	14	9792	W3ZD	450	20	27000
W3HKZ	20	2	480	K3KZO	5	1	110
W3HMU	307	20	18420	K3ZSG	183.5	13	8441
						TOTAL	<u>538214</u>

* Multi-Operation

Contest scores of the out of the club area members

K4AWS - 44 x 24 = 2992, WALKIR - 155 x 26 = 11160

TID BIT

Sid, W3GEW is back in the Jeannes Hospital with a heart problem. A few days before the attack he did a yoeman job in the contest (See score above). A speedy recovery Sid.

NOTICE: PENN-JERSEY YL RC PLANNING A FLEA MARKET IN APRIL TO IMPLEMENT THEIR BARCC ACTIVITY FOR THE ARRL ATLANTIC DIVISION CONVENTION IN JULY. THEY ARE ASKING YOU TO DONATE ITEMS YOU WISH TO DISCARD (NO CLOTHING, PLANTS OR ELECTRICAL APPLIANCES, PLEASE). GET IN TOUCH WITH BERT KENAS, W3TNP FOR THIS WORTHWHILE CAUSE. PHONE - 215 - 659-3485....



THE SPACE NET CONTEST AWARDS WERE PRESENTED TO THE WINNERS BY HARRY, W3CL.

UPPER LEFT -- FROM LEFT TO RIGHT -- K3VVG, WA3SZD, WA3AXV, WA3HIT, WA3IEL, WA3JMM.

UPPER RIGHT -- WA3SZD ACCEPTING FROM W3CL.

CENTER -- WA3JMM AND WA3IEL, PRESIDENT OF THE MOBILE SIXERS RECEIVING THE PLAQUE.

LOWER LEFT -- PACK-RATS WA3HIT, W3CL PRESENTING TO THE PRESIDENT, WA3AXV AND K3VVG.



RICH, K3HIN RECEIVING THE CRYING TOWEL AWARD FROM PREZ WA3AXV.

Register Now!

4000 Convention tickets go on sale in March. Cost \$3.50 in advance; \$4.00 at the door. Clubs may order bulk quantities. Sorry, no reduction in price. Banquet tickets should also be on sale by that time. Cost will be confirmed in a couple weeks.

300 rooms are available at the Ben Franklin Hotel. Further info available at P.O. Box 7170, Elkins Park, PA 19117.

The Sounds of Phila.

Ladies! Make sure your wearing them golden slippers when you enter the ladies luncheon as members of the Ferko String Band do that Mummer strut. Info from P.O. Box 7170.

Historical

200 years of communication comes to life at the Ben Franklin. W3WRE will have her keys on display. Many other items of nostalgia on display.

Advertising

Ads are still being accepted from commercial and club groups. These will appear in the program booklet. Info from K3HNP.

Wouf Hong

Penn Wireless Assoc. plans to add a new twist to this yearly event.

WM3PEN

This Bicentennial call sign in honor of William Penn will be on the air from June 26 to July 25. Various Delaware Valley clubs will have an opportunity to use the call. All convention registrants will receive a QSL.

Carrying 2 Meters?

The Philadelphia Area Repeater Association will install a 146.34/.94 in the hotel. Also a 146.16 input for the .16/.76 machine will be at the hotel. PARA will also provide primary talk-in.

VHF Bicen Award

The South Jersey Radio Association is awarding a certificate for working the 13 original colonies on VHF. Additional info from SJRA.

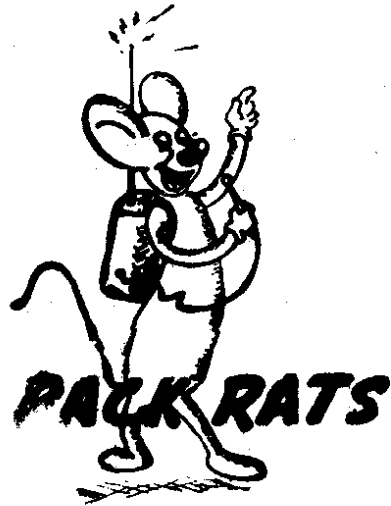
BARCC Meeting

The next regularly scheduled meeting will be held on March 30 at the Casa Conti. Dinner at 6:30 PM and business at 7:30 PM. Please notify Pete, WA3OVH if you plan to attend.

BARCC NEWS

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Published by the Bicentennial Amateur Radio Convention Committee. For further info: Bob Josuweit, WA3PZO, PR Director, 9 Derwen Dr., Havertown, PA 19083. 215 449 0473. For convention info: Chairman BARCC P.O. Box 7170 Elkins Park, PA 19117.

Cheese Bits
2087 Parkdale Ave.
Glenside, Pa. 19038



W3FQD Dick Huntzinger
130 Fairhill Drive
Churchville, Pa. 18966

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