

PACK RATS'



CHEESE BITS



PACK RATS

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 XXV

FEBRUARY, 1983

NUMBER 2

THE PREZ SEZ

Another great time was had by everyone during the recent "VHF Sweepstakes" Contest. And, the Pack-Rats were out in force. The "Crying Towel" session, during our January meeting revealed that the Contest was not without anxiety. Congratulations to Mike, WB2RVX for having the saddest story and for winning the "Towel".

Phil, WA3NUF and his crew really did an outstanding job at planning and conducting all of the Contest preparation activities. Thanks fellows!! Additionally, thanks to all of the Pack for both your individual and group efforts. Special thanks to all who worked Pack-Rats during the Contest.

Personal assessment of this contest is that it was one of the best ever. Though band conditions were not as good as before, activities on all of the bands was surely good.

Sure hope that you have read John Lindholm's article on Pages 49-51 in the January issue of QST. "VHF/UHF Century Club Award" sounds like a good idea to me. Let's read it with complete understanding before we pass premature judgment. This could be the shot-in-the-arm that VHF/UHF needs. Great job, John!

Attendance at our regular monthly meeting is improving. We are working on a good Program for 1983. Our meetings will begin at 8 PM and will be more exciting and meaningful. Let each of us bring along a friend. There are a lot of VHF'ers who might enjoy attending our meetings.

February's meeting features "Home Brew Nite". Bring out those good and not-so-good projects and share your experiences with all of us.

CUL, Bill, WA2DPU

* * *

CHANGE OF ADDRESS

WB2RVX - Michael F. Gullo
59-B Village of Pine Run
Blackwood, NJ 08012
609-228-5872

ADD PHONE NUMBERS TO DIRECTORY FOR N3AHI

Home - 404-945-3655
Office - 404-452-1769

VOTED TO MEMBERSHIP

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

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DEADLINE FOR ARTICLES IS THE GENERAL
MEMBERSHIP MEETING: THE THIRD THURSDAY
OF THE MONTH

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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	K3IUV-WA2DPU
9:30 PM - 1296.025 MHZ	W3CXU

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CALENDAR OF COMING EVENTS
Syllabus by Lee, K3MXM

FEBRUARY

- 2 Ground Hog Day - Well what's it going to be this year - miserable or nice
ONLY THE S-H-A-D-O-W knows.....
- 8 Boy Scout Day - established 1910
- 10 Board of Directors Meeting - QTH - WA3NUF, Phil Miguez, 435 Ivy Street,
Warminster, Pa. 18974. Directors and interested persons always welcome.
Phone: 215-675-4277
- 14 Valentine Day - Don't forget your better half for tolerating your January
activities.
- 15 Mardi Gras/Shrove Tuesday
- 16 Ash Wednesday
- 17 General Club Meeting - "Home Brew Nite". The button popping nite - to show off
to your peers what you can do and have done down in the dungeon. An open
meeting to all amateurs and friends - Refreshments.
- 19-20 ARRL - DX- CW Contest
- 20 Lancaster Hamfest - The first area hamfest of the year..usually a good one.
Only about an hour plus from Phila.
- 21 President's Day - National celebration of Washington and Lincoln's Brithday
- 23 Federal Radio Commission established now (FCC) - wonder how long it will last
under present budget conditions.
- 25 Sixteenth Amendment authorizing income tax passed 1913. BLACK FRIDAY
- 26 "73" RITY Contest
- 27 Purim
- 27 Vienna Virginia Winter Fest.

MARK YOUR CALENDAR

The Split Rock ARC of Morris Plains, NJ is holding an auction Friday evening
March 5 at the VFW Hall. Talk-in on Repeater 146.385.

Shore Points ARC (SPARC) announces Springfest 83 - 4-H Fairgrounds, Egg Harbor
City, N.J. Saturday March 12, 1983

The Trenton Computer Festival (TCF), will happen again on April 16-17, 1983.
(Details on both of these events in the March & April issues of Cheese-Bits).

* * *

NEW PRODUCTS OF INTEREST TO HAMS
By Lyn, W3NSI

1. TS 430S KENWOOD T/R: This compact new rig from the Kenwood company covers 160-10 meter bands on transmit and the receiver section covers the range 150 KHz to 30 Mhz. Unit is all solid state and runs 250 watts PEP on SSB, 200 Watts on CW, 60 Watts on AM and with the optional FM unit, which installs inside the case, 120 Watts. Eight memories store mode, frequency, and band information with a lithium battery backing up the memories. Scan circuits cover memory or can be programmed to scan band segments. Squelch is used on all modes. Other features include noise blanker, tuneable notch filter, speech processor, dual digital VFOs, and IF shift. Up/down tuning with push buttons is possible on either desk or hand microphones (optional) size 3 3/4" high and 10 3/4" square. Price \$900.
2. KENWOOD R2000 RECEIVER: The new R2000 does not replace the R1000; the 2000 is a more advanced unit which features band and memory scan (10 memories), all mode operation including FM, and all mode squelch circuit. Narrow or wide band filters can be selected for CW, or AM, with 15 KHz standard on FM. A 2.7 KHz filter is used on SSB and can be used on the narrow position with AM. A 500 Hz filter is a CW option at extra cost. Three tuning speeds are available at the push of a button. Frequency readout is a 7 digit fluorescent display. If you like push buttons, this R2000 is for you!!! Front panel contains speaker, 6 knobs, S meter and readout, plus 34 push buttons. Price \$600.
3. MOBILE MOUNT: Larson Electronics is selling a "Quik-Change" mobile mount that allows the user to remove the rig by sliding out of the two piece mount. No manual connections to disconnect. The power, speaker and antenna leads plug together as the mount pieces are re-connected. A lock is optional. Price \$36. Box C 11611 N.E. 50th Avenue, P.O. Box 1799, Vancouver, WA. 98668

Spec-Note-Word is out as of now (Dec. 15) that the Icom Co. will introduce a 220 rig IC35A to match the 25A for 2 M and 45 A for 440 Mhz. More later.

* * *

UHF/VHF REPORT
By Joe, W2EIF

The openings on 6 meters have died down as they usually do in Jan. There were no openings during the Jan. VHF Sweepstakes to my knowledge. Activity prior to the contest indicated that a lot of people were preparing for and testing out rigs prior to the contest. There was a very good aurora opening; good through 432 Mhz on Sunday, January 10.

The contest itself in this area was not particularly effected by the adverse weather conditions - there was little snow compared to other areas and quite a few of us compiled scores at least 10% better than last year.

Six meters appeared down in activity, with a big jump in 2 meter action, and an increase also on 220, 432 and 1296. This may be partly blamed on the excessive number of football games on the weekend therefore a lot of six meter ops did not want to be on because of possible TVI.

The Pack-Rats have added a new net on Monday evenings. It is the 220 SSB net on 220.125 MHz at the low end of the band.

Have heard hints that the grid system as described in Jan. QST, P50. Will be used in some of the VHF contests. Arguments have developed for and against. In my own opinion the bookkeeping and paper work is already an overwhelming task, so why add something to make it worse? It can only lead to decreased activity in something that should be fun. What are your thoughts on this.

NOTE: WB2BJH, Rus is net control for the Swap Net on Wed. evenings on 144.250 MHz at 9 PM. KS2T, Jay reports a 6 meter beacon is now active on 50.070 Mhz feeding a vertical antenna; the Id includes the grid square, charter members of the new 220.125 MHz SSB net on Mon. evenings at 8:45 PM are as follows: WA2DPU net control; W3CXU, K3IUV, W3KKN and W2EIF. The net was inaugurated Mon. Jan. 17, 1983. (6 stations reported in on Jan. 24, 1983 = keep coming gang)

VHF CONTEST REPORT
By Phil Miguelez, WA3NUF

Well, it's finally over! Judging by the intense activity out of the EPA/SNJ sections, it seems that the Pack-Rats have again made their claim to another Sweepstakes gavel.

A few of the Rats who hadn't been heard from in a while blew the dust off the gear in time to join in the fray. Hope we hear those medodious tones some more in the coming months. For those who missed it, Steve Simons (ex-WA3WAS) could not stay away any longer and flew in from the West Coast to do a bit of operating in QRM alley (Multi-op at W3ZD).

Special thanks to Ralph, WA3FOF who organized the W3CCX activity. The addition of the club call was a welcome sight in all our logs.

A last reminder to finish your logs and get them to your team captain or myself. Thanks for making this a very successful contest effort.

* * *

CRYING TOWEL VIA US MAIL

Dear Harry:

As promised, this is what my crying towerl is all about.

1. I could not get my 432 unit working, had it checked out ahead fine - got home no work after much searching, looking up all kinds of info - I heard a voice from above say - check the voltage stupid - so I checked my voltage - 8 instead of 12 - upped the voltage worked great but no one could hear me because they did not think to point West!!

2. I had my Tempo hooked up through a hole I cut in the floor to then get me down into a socket for 220 volts which we had the dryer on - Voice from down stairs - if you want any shirts for your trip I have to dry them - so I shut down 2 meters until my shirts were dried. What do you think about that - raw score - 225 6 + 2; 26 220 - 432. Sections 18 - including VE3 - but no volume from E. Pa. and S. NJ.

Best 73, John, K3KTY; Your man in warm Tampa

* * *

APPLICATION FOR MEMBERSHIP

K3GYS - Augusto H. Nicolella (Gus)
RFD #2, 54A Raymond Avenue
Atco, NJ 08004
609-767-3628

VISITORS AT THE JANUARY 20, 1983 MEETING

Pat Harrington, Librarian - Southampton Free Library
Ian Janssen (Harmonic -K3QQ) - Churchville, Pa.
K3GYS - Gus Nicolella - Crowfoot, N.J.
WB3EFO Ed Lee, Huntingdon Valley, Pa.
WB2BJH, Rus Edmunds, Kinnelon, N.J.

N3BHS - John, Norwood, Pa.
KA3FRH - Michelle, Norwood, Pa.
KA2NYF - Janet, Deptford, N.J.
K3KDF - Bud Smyth & Judy, Phila., Pa.

* * *

TID BITS

Sunwatcher, Jack Power, W2AXU reports the monthly Sunspot No. for Dec. 1982 = 126.4 - Smoothed No. for June 1982 = 117.2

Our newest member John Blubaugh, N3BHS was escorted to the January meeting by his daughter Michelle, KA3FRH, who was very active in the recent VHF SS - made many contacts with the Pack-Rats.

Hal Grace, W3HFY reports he didn't rotate his antenna system on the VHF SS event and rackedd up 40K points anyway. Bet you had the beams pointed NE Hal!!

TID BITS CONTINUED

At a recent luncheon at Kenny's in N.J. I was pleased to talk to Doc Nichols W2GJB (he was Pack-Rat W3JAY - "The Blue Jay of Happiness". Then I ran into Lenny, W2GGB (He was Pack-R W3HYO - "The Hi Yo Silver Station"). Also met a friend of 50 years ago, Joe Bonstead, W2E. Back then he was known as Max and his call was W3EO.

* * *

OUT OF THE PAST 60 YEARS AGO

Date: March 4, 1922
Place: Stacy Trent Hotel
Subject: Radio Phone

"On the above date, A.G. Wentzel, Jr. addressed the ENGINEERS CLUB OF TRENTON. His presentation included a discussion of the history and development of Radio Telegraphy and Telephony, including transmission and antenna design, and a demonstration of the modern Radio Phone Receiving Set, through which will be received the daily radio program.

"The meeting was conducted by President Harry F. Harris and attended by 80 members and guests."

BeBe Wentzel was 18 years of age when he addressed the Club and was so impressed with the organization he became a member in December of that year.

BeBe's entire life has been devoted to electronics. In fact, he is at present the consulting coordinator on all communication equipment for Mercer County. This includes the Sheriff's Dept. Detention Center, Corrections Center, Highway Dept., and Civilian Defense. He not only writes the specifications for new installations but oversees the testing and installation of new equipment.

BeBe is a life member of the Engineers Club and when time permits still manages to attend the Club functions.

(BB Wentzel, W2HX is a
Pack-Rat)

From a recent copy of "The Engineer"

* * *

RANDY BYNUM UPDATE- FROM THE ARRL LETTER
OF DECEMBER 21, 1982

To the complete surprise of the attorneys on both sides of the case, the N.J. Supreme Court has declined to hear an appeal by a radio amateur who contends that an RFI ordinance adopted in 1979 by Winslow Township, N.J., is pre-empted by the federal government. The biggest part of the surprise is that court decided in March of 1982 to not hear the case. Yet it is only now that the attorneys have learned of the decision.

In December of 1979, Winslow Township adopted an ordinance which made it unlawful to "Transmit ... any radio emission, signal or transmission which either causes or creates electrical visual or audible interference, or, by said transmission annoys, disturbs or endangers the comfort, repose, health, peace, safety or general well-being of others within the limits of the Township..." The Township adopted the ordinance in response to pressure from neighbors of Randy Bynum, WB2SZK. According to the neighbors, Randy's operations on the six-meter band caused interference to television, stereo radio, intercoms, and other home-electronic equipment. When FCC field engineers from the Commission's Philadelphia office investigated, they informed the neighbors that the Amateur Station was operating properly. The engineers also suggested to the neighbors experiencing the interference that they contact the manufacturers of their electronic devices, explain the problem and request filters. The neighbors found this to be unacceptable, so they prevailed upon their township officials to pass an RFI ordinance.

Randy challenged the ordinance in N.J. Superior Court, lost on that level, and brought an appeal to the Appellate Division. In September 1981, the Appellate Division upheld the lower court, so Randy sought a writ of certiorari from the N.J. Supreme Court, hoping that the court would review the Appellate Division and rule in his favor.

(CONTINUED ON PAGE 7)

RANDY BYNUM UPDATE CONTINUED

All of this took place before the passage of the Goldwater Amateur Radio legislation. With the passage of this bill, now Public Law 97-259, there is no question that matters of radio frequency interference are preempted by the Federal government. In fact, Senator Goldwater's staff and the ARRL Hq. and General Counsel's staff worked the following language into the conferee report with the Bynum case in mind:

The Conferees believe that radio transmitter operators should not be subject to fines, forfeitures, or other liability imposed by any local or state authority as a result of interference appearing in home electronic equipment or systems. Rather, the Conferees intend that regulation of RFI phenomena shall be imposed only by the Commission.

Soon after the passage of this new law, Randy's attorney wrote to the N.J. Supreme Court, informing it of this dispositive development. That is when the Court informed the parties of its decision.

This means that as far as the courts in N.J. are concerned, the case is over unless Randy petitions for reconsideration and the court reverses its decision to not hear the case. Randy also has the option of going into a federal court and starting the whole procedure over, an option he is actively considering. However, Winslow Township has also seen Public Law 97-259, and it does not want to litigate the case any further. The Township is willing to settle the dispute by dismissing the criminal charges against Randy. Latest word from Randy is that he will consider that option only if the Township agrees not only to drop the outstanding charges against him, but also agrees to eliminate all antenna ordinances. We will keep you informed of any further developments.

* * *

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VFO 230 - \$240; SP 230 - \$45; MIRAGE D-1010N
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220MHZ Xverter - Hamtronics/Advance Receiver
Research - \$125; Gonset 903A 500W. SSB
2 mtr AMP. Mint - \$400

CONTACT: WA2DPU, Bill Smith
Phone: 609-386-2348

FOR SALE: (2) KLM 160W. 2 mtr AMPS,
manuals - \$50@; NC 183D Gen. Coverage Rcvr
W/cooling fan & Variac, Mint - \$125; PALOMAR
Mod. 310X Xcvr, Pre-Amp 1.8 to 54 MHZ-\$65

CONTACT: W3KM, Bill Benner
Phone: 215-539-6409

FOR SALE: HYGAIN 66B - 6 El. 6 mtr beam-\$45

CONTACT: Gary Hitchner, WA2OMY
Phone: 215-539-6409

FOR SALE: TS 600 W/Vox accessory, TS 700 SP
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2 mtr walkie-talkie -TT pad, case & R. Ducky

CONTACT: Bruce Loss, WA3YUE
3347 Warfield Dr.

Huntingdon Valley, Pa. 19006
Phone: 215-947-4166 (Home)
215-542-2966 (Work)

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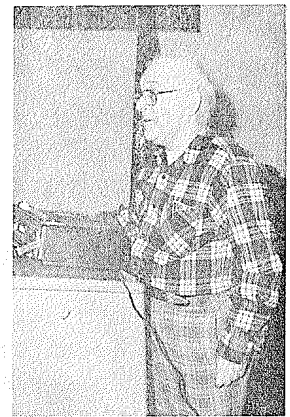
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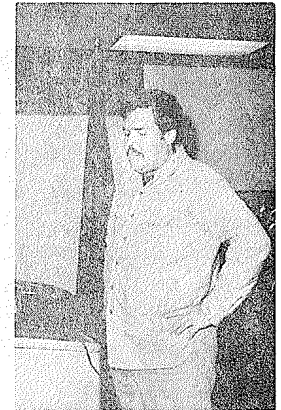
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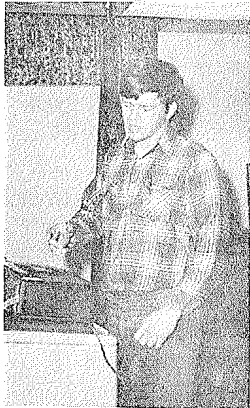
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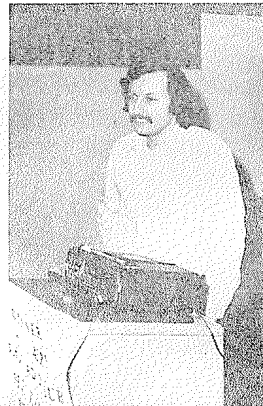
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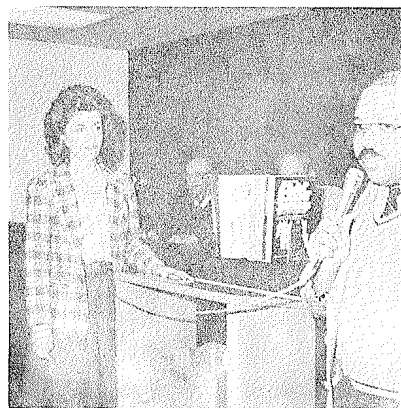
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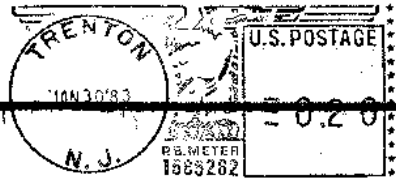
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