

PACK RATS' CHEESEBITS

MT. AIRY V.H.F. RADIO CLUB, INC., PHILA., PA.
(50.2, 145.2, 221.4, 432.3 & 1296.3 Mc.)

CLUB CALL: W3CCX

AFFILIATED CLUB: AMERICAN RADIO RELAY LEAGUE

MEMBER CLUB: DELAWARE VALLEY COUNCIL OF AMATEUR RADIO CLUBS

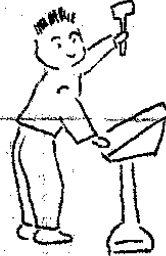
MEETING NOTICES: LAST PAGE

VOLUME XI

FEBRUARY 1968

NUMBER 2

OUR PREZ SAYS



As this issue of the old paper goes to press, another January contest is now just history, but what history! (See the full report elsewhere in this issue.) Seems like we came through a battle about like those of ten years ago. There was more going on than I can ever remember. Cross mod, interference, power line leaks, and just a lot of plain snapping and snarling thrown in. There was a good six meter opening extending as far as New Mexico and Nevada for several hours, ground wave was very good at various times and poor at others. Two meters as usual was jumping on the low end of CW. I managed to snare 16 sections, and in checking over the logs I find that at least three other sections were worked by others.

The club score is not too much different than other years and when you consider there was no aurora this year, the sum total effort adds up higher than last year. I would like to congratulate the whole club on an excellent job. I feel confident that once again the Pack Rats have taken the top honors. We will have to wait the official count by the league to be sure, but I have not heard of any organized effort that can beat us. Our top scorers have turned in another top effort ... our middle echelon has shown that our club has strength in depth ... and please note that we even have a few beginners who will place among the leaders of the country. Again.. nice job fellows, and I hope that all had as much fun as I did.

Now that one major event for the year is over, it will pay to take stock of the station. Look around ... compare notes ... pick out those weak spots and find a way to correct them. Now is the time ... few deficiencies ever correct themselves.

Coming up on the schedule for March 20, is a full blown auction of radio equipment and parts and components for the benefit of the seller. The club only takes a small bite to cover expenses, the rest goes to the owner. This is the way to convert some of that unused material to cash. Let us know if you need help moving anything. Spread the word among your buddies who may not be members ... talk it up on the air. Everybody is welcome and refreshments will be served.

Dave, W3LHF

ARRL BULLETINS

10¢ 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.

DEADLINE FOR ARTICLES IS THE 20TH OF EACH MONTH.

ALL INFORMATION SHOULD BE SENT TO:

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215 - ME 5-1078

AWARDS CHAIRMAN:

W2EIF, JOSEPH KILGORE
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STRATFORD, N.J. 08084

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

CODE PRACTICE:

7:00 to 7:30 P.M. MONDAY THROUGH FRIDAY, 50.2 MC. BY W3CL, HARRY STEIN.

MONDAY NIGHT NETS:

145.2 -- 7:30 P.M.
50.2 -- 8:30 P.M.
221.4 -- 9:30 P.M.
432.3 -- 10:30 P.M.

OFFICERS -- 1967-1968:

PRESIDENT: W3LHF, DAVID ZIMMERMAN
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PHILADELPHIA COUNTY ARPS:

E.C.: W3PST, WOODY HALDEMAN
1732 LONEY STREET
PHILADELPHIA, PA. 19111
215 - RA 5-1106

MEETINGS: FOURTH WEDNESDAY OF EACH MONTH AT 8:00 P.M.

NR 148, December 28, 1967: The Annual Simulated Emergency Test of the Amateur Radio Public Service Corps will be conducted on January 27 and 28. We take this opportunity to again remind all amateurs of these dates which are a change from the October dates on which the exercise has been conducted previous years. January QST has full details on pages 10, 66, 68 and 96. Mark these dates on your calendar and plan to be active in one of the ways suggested in QST AR

NR 150, January 11, 1968: February presents an excellent opportunity for every amateur to test his frequency measuring skills by participating in an ARRL Frequency Measuring Test. WIAW will transmit signals for measurement at 0230 GMT February 10 on approximately 3506, 7027 and 14,067 kc. A second series of test signals will be transmitted at 0530 GMT February 10 on about 3551, 7100 and 14,171 kc. Note that this is the evening of February 9, local time, for most U.S. and Canadian amateurs. Each participant will receive an individual report comparing the accuracy of his measurements with those of a professional frequency measuring laboratory. Further FMT details appear on page 97 of January QST AR

DID YOU KNOW

That W2EIF, Jo Kilgore, worked the VEF contest with the wrong RF tube in the 2-meter converter.
That W3MVF, Pres Funk, and WA3CAG, Dave Funk, his junior op.
(a) are obviously in the top five in this year's January sweepstakes.
(b) Live about a mile apart.
(c) Operated alternately on 6 and 2 meters.
(d) Forgot to work each other in the contest.
(30. NOTE: Pres estimates that this error will cost him 300 points.)
That K3EOD climbed his 60 ft. tower at least five times to change the antenna position since his rotor was frozen at the start of the contest.
That K0ZZW/3's phone number is 643-2724.

FLASH! RESULTS OF COORDINATORS MEETING OF JANUARY 20, 1968:
contributed by W3CL, Harry Stein

Jan. 6-7, 1968 VHF SS - interesting contest statistics:

Table with 3 columns: Call Sign, Score (x), and Total Score. Includes entries for W3MVF, WA3CAG, K31PW/3, W2EIF, W3LHF, W3CL, W3KKN, W3MVF, W2AKU, K3IUV.

continued page 3

CONTEST SCORES continued

90 Pack Rats participated. 95 logs were submitted (included -- club call W3CCX plus four logs for portable or mobile operation). 27 Pack Rats made over 10,000 points. 52 made over 5,000 points. TOTAL COMPUTED SCORE = 751,563.

Following is list of calls and scores over 10,000:

W3MFY = 51,910	WA3CAG = 38,430	K3IPW/3 = 34,304	W2EIF = 25,926
W3LHF = 24,245	W3CL = 20,800	W3RKN = 19,338	W3HFY = 18,496
W2AXU = 16,128	K3IUV = 16,016	WA3EPS = 15,238	WA3CQO = 15,180
K3JJZ = 14,076	K3UJD = 13,904	K3BPP = 12,782	WA3BIV = 12,204
K3GAS = 11,932	K3DUC = 11,894	W5NFD/3 = 11,077	K3GQJ = 11,020
W3SAO = 10,812	W3CCX = 10,744	W3CJU = 10,744	W3MVF = 10,374
W3ANW/2 = 10,266	K3ZPN = 10,225	W3GSW = 10,074	

Following list includes above plus all those over 5,000:

K3ACR = 9,024	K3HSS = 8,976	K3KTY = 8,896	WB2IOE = 8,840
K3EOD = 8,240	K3KVS = 8,194	WB2NOK = 7,740	WA3HIT = 7,700
W3CLQ = 7,657	K3IGX/3 = 7,521	K3BOY = 7,500	K3NMM = 7,400
W3CKU = 6,340	WA3LMT = 6,310	W3FGQ = 6,750	K3WFK = 6,732
K3JJO = 6,356	K3WGJ = 6,324	WA3EHD = 5,580	W3AJF = 5,820
K3ZPQ = 5,792	WB2QAD = 5,550	W3HKZ = 5,328	K3LNV = 5,312
K3MCM = 5,200	WA3CND = 5,096	K3WEU = 5,070	K3YPL = 5,070
		WB2SZK = 5,018	

W3CL, Harry Stein, received the following interesting letter from Chip Taylor, W4LW, who is presently stationed with the Air Force at San Antonio, Texas:

"What happened was extreme pressure from my Draft Board. I left for the Air Force right in the middle of an extensive rebuilding program of shack and VHF equipment (sob!) (snif!)

"I finish OTS on February 16, spend 12-13 weeks at tech school in Illinois and then get assigned as a missile officer somewhere in the middle of the country.

"Please keep me on your mailing list and spread the word on VHF that I will do my best to return to Vermont on leave during contest periods! I will be taking a 75 meter SSB rig with me when I leave for tech school, and hopefully will again be active on VHF when I get settled in my permanent station. Of course, I expect to return to Vermont after Uncle Sam is through with me.

"You might spread the word that K1BKK (Vermont) is very active on 2 meter SSB (1KW) and is about ready to get on 432 Mc. K1KRP with a KW (CW) us on 2 meter when not in school. There are a few hams on 6 meters with medium power but I don't know how active they are.

"I am looking forward to hamming again and especially getting going on VHF again (from Vt. or ?). Hope to work you all on the bands in the future".

V.H.F. SWEEPSTAKES
K3HSS, Chas; Contest Chairman

With the last details of the contest such as the tabulation of the scores and other statistics and finally the forwarding to ARRL headquarters of the logs now completed the committee and coordinators can now relax with the other contestants and enjoy the feeling of satisfaction that their performance this year has matched those of previous years that turned out to be winners. This achievement did not come about by wishful thinking but by the efforts of devoted members permeated with a commodity called club spirit and team work. No one knows this better than the contest chairman whose efforts would be fruitless without this kind of support. So at this time I extend my thanks to all for their wonderful support and participation in the contest.

I would also like to extend my individual thanks to these groups of club members for their contributions to the contest:

Contest Committee: W3CL, Harry; K3GAS, Doc; W2EIF, Joe
Contest Coordinators: W3CL, W3FGQ, K3 WGX, WA2JNA, K3DUC, WA3CQO, WA3BIV, K3GAS, W2EIF, W3CJU, W3SAO, WA3ERQ, W3MFY, K3UJD, K3BOY, W3OZP, K3HWZ, WA3EPS

THE BEST PAY IN THE WORLD"Mother Rat"

Everyone knows that January 6 and 7, 1968, was a hectic weekend what with "C.Q. Contest", equipment breakdowns, sections hard to get because of the weather and you are on A.M. and quite a number are on S.S.B.

Boy, that bed feels good at 12:30 A.M. on January 8. If you are fortunate enough to work where you receive annual leave you can sleep that day. So you set the alarm for 9:00 A.M. Ahhhhh, what a beautiful dream!

January 8, 7:05 A.M. the phone rings. You jump out of bed, grab the phone and say a sleepy "hello". The voice on the other end greets you with "this is the Red Cross, we have a two alarm fire at the Normandie Hotel, 36th and Ludlow Streets." You say "O.k." and hang up. Frankie and I are volunteers on the Red Cross Disaster Action Teams and this is our duty week.

7:10 A.M., grab a cup of coffee. By now it is a three alarm fire.

7:15 A.M., leave home. You know better than to use the expressway at that hour so you take the shortest 'long' way. On the way you learn it is now a six alarm fire.

7:40 A.M.; you arrive at the fire scene just in time to be chased away from 36th and Ludlow as the wall is about to fall and also to restrain a woman from trying to get through to look for a friend. (I would like to point out that we live nine blocks east of Broad Street and fifty-one blocks north of Market Street and the fire was one block south of Market Street and twenty-two blocks west of Broad Street, so you can see that we made good time taking the 'long way'.)

You have to take the long way to get in the back entrance of the Divine Tracy Hotel, across the street from the Normandie, where a great number of the evacuees are. No lights. So you grope your way through the basement and up to the first floor. What a calming effect that white helmet with the red cross has. No, they were not panicky, but you can see the relief on their faces when they see it. You just about get the people in some semblance of order and stop some of them from leaving, when word comes ... "Everyone out." The roof was on fire.

Here we go again. I stayed at the head of the basement stairway to keep the people in line while the police and other workers scatter to find flashlights. This is where Frankie and I got separated. I took a group to the Tabernacle Presbyterian Church, 37th and Walnut Streets, and Frankie wound up at a Home for Widows. He came to the church but tried the wrong door.

We weren't there long when workers from the church showed up and pitched right in to help. The first thing they did was to make and serve coffee. They made all of the phone calls and even made arrangements with Wills Eye Hospital to make glasses for one man, in a hurry, as he had had two cataract operations and lost both pair of glasses in the fire. I'm sure they were kept busy on the phone after we left for the Armory. We were in the church for about three hours when the bus came to take us to the Armory. We were the first bus load to arrive.

That's where the work began. I had the job of registering each one as they came in with the help of a man from the City Welfare Department and a couple of women who volunteered to help. This is where we also lost some people because their family or friends took them away without letting us know. We had to make an announcement to the effect that no one was to take anyone away without stopping at the table and registering their name, address, phone number and relationship with us.

At 7:00 P.M. we got 'orders' to go home and return at 6:00 A.M. the next day. So, we reluctantly got into the police car and the driver took us to 36th and Market to get our car. There we saw a most beautiful picture painted by Nature, the ice encrusted remains of the hotel. We could have appreciated it much more had it been a complete building painted by rain instead of water from the fire hose.

We arrived back at the Armory at 5:45 A.M., January 9. Here I was handed seventeen pages of names and where they were located. Five of these pages listed names of people whose locations we did not know. At 7:00 A.M., when we got everyone up for breakfast, we found twenty-two of them were still in the Armory.

This was both a rewarding and heart breaking day. At 9:00 A.M., other workers from the Red Cross came to man the phones. Inquiries were received for people who were not registered with us. We later learned that most of these were either picked up by relatives or went their own way after being discharged from the various hospitals, thanks to the tracking-down done by the police.

Two instances of heart break are: one man who came from Pittsburg, Pa., looking for his father. Because of a similarity of names he was given the wrong location of his father. The other, a woman from Baltimore, Md., looking for her brother who

Continued

was one of those not registered with us, whom we later learned had been to a hospital and discharged.

So we set up two boards, one 'lost' and one 'found'. It certainly was a pleasure to remove the names from the 'lost' to the 'found' board, but when we left, these two names were still on the 'lost' board.

At 3:00 P.M. representatives from the Police, Red Cross and the Department of Public Assistance got together and compared lists. Here we found a number of the 'lost'. Some of the 'lost' we learned, were no longer living at the hotel at the time of the fire. After comparing the lists we came up with about forty people still unaccounted for. I would like to point out that not all of the people we handled were from the Normandie Hotel; some were from the Devine Tracy Hotel and from other homes set on fire in the 3400 block of Chestnut Street. At 7:00 P.M. the list was completed and Frankie and I went home, but the list still had to be typed up and duplicated for the workers the next day.

This story could go on and on with different incidents both humorous and heart-breaking but that would make it too long. The victims have a marvelous sense of humor without which we would have had a real calamity on our hands. Even though this operation was headed up by the Red Cross, the efforts of all organizations dovetailed and worked together as on big unit.

If you have read this far, you are probably wondering where the title came from. An Army sergeant came to me and told me about an elderly man who had asked him to call his daughter to come for him. She doesn't drive and he husband was sick so she couldn't come for him until the next day. The sergeant didn't have the heart to tell him, so I told him that he didn't have to worry, we would take care of him and let his daughter know where he was so she could get him the next day. As I was leaving the room, he called me back, took my face between his hands, planted a big kiss on my cheek and said, "God bless you." Those three words are the best pay in the world.

V.H.F. SWEEPSTAKES continued

For providing accommodations for the coordinators meetings which were enjoyed by all: W3KKN, W3MFY, K3GAS and W3LHF.

Included in your copy of CHEESE BITS are contest statistics provided by W3CL, who felt they would be appreciated by the members and I'm sure they will be. Many thanks, Harry. 73 for now.

"ARE YOU GOING TO MAKE IT 'SPLODE' AGAIN, DAD"

K3JJZ, Elliott Weiman

There will be many stories concerning the January Sweepstakes just past and unfortunately the best of them will probably never be printed. The following is just one portion of what went on around this 27th January '68:

As per usual we spent several days at the QTH of K3EOD getting him ready for contest. (His gear only works from one contest to another.) However, we got the big 5-meter rig running, and the 2-meter rig, and the mute circuit, and the coax relays. Thought we were all finished?? Guess again. About a week before the contest, Al called. EOD: "El, I got troubles." JJZ: "What's the matter?" EOD: "The blasted 2-meter converter won't work." JJZ: "O.k., I'm coming over."

Now I have heard of guys mistuning rigs and blowing up the transmitter but never had I heard of blowing up a converter. When I got there, sure enough the converter did not work. By looking at it, I couldn't find anything obvious that was wrong. "When in doubt, find out." So we called K3GJJ, Jack, and he straightened us out and the converter was running. We were finished with a week to spare.

That's what we thought anyhow. The morning of the contest I got a call from EOD. "El, the two meter rig started smoking." JJZ: "Doesn't it know that it will stunt its growth?" EOD: "Come on, you clown, I'm serious. What should I do, use the other rig?". Now at this point I have to stop and explain that Al has spares for everything. He is so used to rigs blowing up that for every transmitter and receiver there is an extra, just in case. This 'just' gives me more stuff to repair before each contest. Now, back to the phone. JJZ: "It's 10 a.m. now: we have four hours. Bring it over." EOD: "O.k., I'm on my way."

Al came over. (There is a well-worn path from his house 1-1/2 blocks away to mine.)

"ARE YOU GOING TO MAKE IT 'SPLODE' AGAIN, DAD" continued

The two meter rig was propped up on the work bench and we proceeded to examine same. I remembered this rig. I worked on it last year, and the year before that, and if he would have had it two years ago, I'd have worked on it then.

EOD: "It looked like the smoke came from here." JJZ: "Aha, the electrolytic is bad."

Out came 8 mfd/450 volts. And we replaced it. I might add that my No. 1 son supervised this entire operation. We plugged the rig in, hung a dummy load on it, and tuned it up. Everything O.K. In tune position. Now for the smoke test. It flunked. Oh boy, did it ever flunk. The capacitor that we replaced went the way of all mistreated electrolytics, with a hiss large enough to run the best steam engine.

No. 1 son ran from the work bench area to the front of the basement. He looked rather frightened. I looked at Al. Al looked at me. I scratched my head. Well, back to work. It appeared that another electrolytic which was in series with the now defunct one had shorted. We set about to replace both of them. There were no unusual occurrences, and we were just about to put the line cord in when up spoke No. 1 son.

No. 1 son: "Are you going to make it 'splode' again, Dad?" EOD: "Shut up, kid." JJZ: "Glen, you had better stand at the other end of the basement. Al's usual luck might hold." No. 1 son: "O.k., but if it blows up, can I have them 'pacitors' and things inside?" JJZ: "Just do what you're told." EOD: "Ready?" JJZ: "As ready as I'll ever be."

Plugged it in, tuned it up, gave it the smoke test. EOD: "Hot dog, it works." JJZ: "There you go, just like new." No. 1 son: "I guess I can't have those 'pacitors' and things."

TWO METER ACTIVITY W3LHF, Dave Zimmerman

After several months of griping about troubles with the station, vfo, antenna, weather among other things, I can report this month that things are much better. Let's talk about the band first.

At least two good Aurora openings occurred, one just before New Year's, and the second on the evening of the fifth just before the contest. Too bad it wasn't on the sixth, but you can't have everything. The most common state heard and worked here was Michigan, but all states in the Northeastern tier from the Mississippi east and extending down to Kentucky were heard here. Signals were fairly strong, but not quite strong enough to copy SSB easily. Best beam direction here was about 330 degrees but this varied a bit during the period to North and back again. All AM stations on the band had a growl so this is a good indicator for aurora. Also, the word is always passed on 221.4, so that some of the gang may consider monitoring the club freq for news of band openings.

Finally got the new vfo to behave with the aid of on the air measurements by W2AXU and others. Seems that I had a combination of four things that were just a little wrong, but all together, they added up to a mess. The worst was an oscillating 6360 driver ... that one was taking out TV sets three blocks away ... but it would only take off under certain drive conditions, when peaked for max. The thing to look for here is grid current ... a stage is not stable unless you can remove the drive, and see no grid current while tuning the grid and plate through full range. This check is hard on tubes where fixed bias is not used!!! The second and third things contributed FM ... use shielded cable to run power to the vfo ... and bypass all leads at both ends, particularly when you run higher power. RF getting into the wrong places such as filaments and cathodes of vfo's and speech amps can do strange things. The last ... even though you use a regulated supply for the vfo, check the voltage with a meter while you modulate to insure that it moves not at all. A small flicker of change may be an indicator that corrective action is needed.

Got the SSB going pretty good, but the activity is a bit thin. I got a surprise though. I tried injecting carrier and keying the SSB exciter. Haven't used the xtal for CW since. This method gives an xtal signal with a vfo control. All DX stations tune around on two but ... I find that as usual the guy closest to the freq gets the contact. Still lots of work to do, so I better get to it. CU on 2.

THE INNOCENT BYDRIVER
WA3BIV, Carl Barrish

Why "bydriver"? Well, he wasn't standing, he was driving. Seems that about 7:00 p.m. Sunday, January 7, 1968, a car disappeared. The reason is not known; we know where he was, but not where he went, or why he went where he went. We do know this though, the guard at the entrance to the Johnsville Naval Air Development Center saw the car disappear. He said he saw the car (and its occupant) slowly become transparent, and then invisible. We think that the car didn't disappear completely, but become invisible and it is still around somewhere. Of course, this is just a theory, but let me explain why this theory came about.

On the Monday morning following, there were four similar reports to the Warminster police. All four reports were filed by drivers who claim something hit their cars, but it wasn't visible. All four drivers were sober, and witnesses to each accident confirm that there was nothing visible that could have caused the damages to the cars. Also that morning there was a report of a ghost in a woman's home. She said she felt someone, but saw nobody. The same woman also filed a missing person report on her husband.

Recently, we have come to agreement on a theory as to what caused this weird phenomenon. Sunday, January 7, was the date of the VHF contest. There are quite a few VHFers in the Warminster area. Some of them run high power. We have checked with W3LEF, K3UJD, W3KKN, W3MFY, W3CL and a number of others. It seems that at the time this car disappeared, the beams of at least 20 hams in this contest were pointed in the direction of the Air Development Center and the concentrated amount of RF on various frequencies all hetrodyned to produce a frequency that equaled the resonant frequency of the car and its driver at just the moment he passed through the point of intersection of all this power. This coincidence produced the phenomenon that the guard saw; the car disappeared (or became invisible). Assuming our theories are fact, we must devise a way to return the car and driver to its visible state. Unfortunately, this seems to be an impossible task for we cannot possibly hope to repeat the parameters present at the time the phenomenon occurred. Maybe, if luck prevails during the next sweepstakes in January 1969, all the conditions will prevail and the car and its occupant will become visible again. Until then, we can only hope Mr. Phelps and the I.M. force can solve the problem.

As a final note, I advise all drivers to avoid the Warminster area and in particular the Johnsville Naval Air Development Center until the problem is solved.

BOOK REVIEW NET
Paul R. Behrmann

The BOOK REVIEW NET meets each Tuesday evening at 8 P.M. local time on the Club frequency of 50.2. It has gained wider acceptance, indeed exciting enthusiasm from week to week. We have also relearned a fact, first discovered nearly four years ago when we started an MCH net on MARS ... namely, that many, many stations listen, even though they do not check in. Most of the amateurs who have done the reviews have been Pack Rats ... and each has done a superb job... Joe (W2EJF), Bob (K3APQ), Don (K3WGX) and George (W3ELI). I can vouch for the fact that many really great books are being lined up for review in subsequent weeks.

We have also received requests from xyl's for review of books of general interest, that is, of a non-technical nature. This had been planned and will be done within the next two or three weeks. Upcoming on a technical level, will be ELECTRONICS 1-7 edited by Mileaf and published by Hayden Books. It is easily one of the most effective set of books we've ever seen. Since the material is so extensive and so brilliantly presented, we have asked George (W3ELI), to handle the reviews over a period of not less than three separate weeks ... perhaps in four installments.

To our best knowledge, this Book Review Net is a "first" ... for we know of no such net which has ever been devoted exclusively to a review and discussion of books. It has been registered as an official net with ARRL in the NET DIRECTORY.

You are invited to check in ... ask questions of the reviewer and/or make your comments. You'll find the discussions brain-stretching, stimulating, and we should warn you, habit forming.

HERE AND THERE
Ham Fax, 9/67

Famous last words: "There is a man here to see you from the FCC, dear."

SUMMARY OF CONTEST SCORES

January 6 - 7, 1968 VHF SS

Call	Contacts	Sec	Score	Call	Contacts	Sec	Score
K3AA	70	4	1,960	W3HKZ/3	45	3	1,170
K3ACR	206	12	9,042	K3HSS	281	6	8,976
K3AFT	123	4	3,416	K3HWZ	78	2	1,872
W3AJF	194	5	5,820	W3HYO	70	4	1,960
K3ALK	53	2	1,272	W3IA	5	2	120
W3ANW/2	177	19	10,266	K3IFH	55	2	1,320
WAXU	224	26	16,128	K3IGX/3	200	9	7,581
WA3BIV	339	8	12,204	W3IHT	15	1	330
K3BOY	250	5	7,500	WA3IMT	227	5	6,810
K3BFP	291	12	12,782	WB2IOE	260	7	8,840
WA3BRV	118	3	3,068	K3IPM/3	536	22	34,304
WA3CAG	520	27	38,480	K3IUU	364	12	16,016
W3CCX	316	7	10,744	W3IXL	126	2	3,024
K3CIV	126	2	3,024	K3JJO	137	13	6,356
W3CJU	316	7	10,744	K3JJZ	391	8	14,076
W3CL	416	15	20,800	W3KKN	440	12	19,338
W3CLQ	202	9	7,657	K3KTY	278	6	8,896
WA3CND	182	4	5,096	K3KUB	128	5	3,825
WA3CQO	345	12	15,180	K3KVS	241	7	8,194
W3CXU	171	10	6,840	W3KXH	144	2	3,456
K3DLS	53	2	1,272	W3LHF	449	17	24,246
K3DUC	313	9	11,894	K3LNV	166	6	5,312
WB2EEH	60	6	1,920	W2LZA	37	3	962
WA3EHD	195	5	5,850	W3MFY	715	27	51,910
K3EHQ	51	4	1,428	W3MVF	273	9	10,374
W2EIF	448	19	25,926	K3MXM	200	3	5,200
W3ELI	165	3	4,290	W5NFD/3	293	9	11,077
K3EOD	258	6	8,240	K3NMN	220	7	7,480
K3EPB	159	4	4,452	WB2NOK	258	5	7,740
WA3EPS	401	9	15,238	W3NSI	97	6	3,104
WA3ERQ	183	3	4,758	WB2OAD	111	15	5,550
WA3FAA	173	4	4,844	K3OBY	165	3	4,290
W3FGQ	225	5	6,750	W3PST/3	57	3	1,482
K3GAS	314	9	11,932	W3QAS	85	6	2,720
K3GAY	37	4	1,022	W3SAO	318	7	10,812
W3GEW	296	7	10,074	WB2SZK	193	3	5,018
K3GFG	93	2	2,232	K3TPM	114	6	3,648
K3GFG/3	20	2	480	K3UJD	316	12	13,904
WA3GNV	52	2	1,248	K3VEQ	129	3	3,354
K3GQJ	290	9	11,020	K3WEU	169	5	5,070
K3GQJ/M	4	1	88	K3WGJ	186	7	6,324
W3GXB	24	2	576	K3WGK	187	8	6,732
W3HAB	10	2	240	W3WIJ	100	3	2,600
W3HAB/3	41	9	1,558	K3YPL	169	5	5,070
W3HFX	272	24	18,496	K3ZKO	54	3	1,404
WA3HIT	275	4	7,700	K3ZPN	205	15	10,225
W3HKZ	148	8	5,328	K3ZPQ	181	6	5,792
				W3ZRR	132	2	3,180
							<u>750,563</u>

K3ESL 120 2 264

750,873

DE STATIC

Deah Eddita:

I see its happent again.

Ever oncet in a vila some tarn fool ops and raises dot oldt buckapoo about the club iss run by a clique.

And naw its happent again.

Vell naw, vots zo wrong vid a clique, ennoyway? Its chust annoder vay of gaying der issa liddle bunch a fellas in any group vot shoulders mosta da loat. Und zo vere is it any diff runt?

It seems a shame yet dot ennyboby should run down others chust because they're the vuns willing to do the verk. Und the vun usually who sez these things iss some klinkler who couldn't get hiss own vay and is chust poot outd about it.

Vell, ve haf a saying op country - was nan gort ist keine arbeit - und it meance choining the cluqme iss easy. If you truly do value the club, schtick outd your hant ven the president sez, "Ve neet a volunteer" or say "ja" ven he asks for you to do some chob or annoder. Simple ain't? As a matta fact, let's try to make the WHOLE club one bit clique, as I always say.

Vell, Monna iss bakin some schtrudel in the kitchen and I promised to bring up the apples from the rute cellar down. I'll write again ven dere's sumthing.

The Oldt Dutchman

SWAP SHOP

FOR SALE:

100 watt, plate modulated 2 meter transmitter. Driver section needs work.

\$50

power converter, 175 watt, 12 VDC to 110 VAC. Working -- \$25

WANTED

6 Meter linear amplifier. Unselective receiver that tunes 14-16 mcs.

For all above contact:

WA3BIV, Carl Barish
794C Thouron Avenue
Philadelphia, Pa. 19150
LI 9-8765

THE NEXT GENERAL MEETING will be held Wednesday, Feb. 21, at the West Oak Lane Jewish Community Center, Sedgewick and Thouron Streets, 8:00 P.M. Program - ARRL Films.

THE NEXT DIRECTORS' MEETING will be held Feb. 14 at the QTH of K3JJZ, Elliott Weisman, 8533 Algon Ave., Philadelphia, Pa.

SWAP SHOP cont.

FOR SALE:

Lafayette H.-225 Rec. and match spkr. 1 year old, factory wired. Like new. Asking \$100

Contact: Frank Stopka
35 Lower Ferry Road
W. Trenton, N.J. 08628
609 - 882-0575
or contact
Will Power, WB2OAB

FOR SALE:

ERA Variable Power Supply, 0-50 VDC la. Regulated and filtered, and 0-125 vac. Need monitor scope, or will sell for cash, or swap.

Contact: WA3CQO, Jay Jacobson
412 E. Wadsworth Ave.
Philadelphia, Pa. 19119
CH 7-4791

FOR SALE:

1 Heath Seneca -- \$125
1 Heath Shawnee and 3 ring Halo and Hill-toper antennas -- \$165
with some spare tubes.

Contact: K3CQJ, Jack Greenage
1101 Neshaminy Ave.
Oakford, Pa.
357-1507

FOR SALE:

Poly-Comm 6 & 2 Transceiver -- \$200
National NCX-3 20-40-30 with AC and DC power supply -- \$225

13 AVQ Antenna 10-13 meters. New. \$30

Contact: WA3ITZ, Donald Krozowicz
55 Ironwood Road
Levittown, Pa. 19057
945-3712

FOR SALE: (new equipment)

NC 155 Receiver \$150
NC 270 Receiver \$175
Hallicrafter Keyer HA-1 \$ 50
SX 140 W Recvr \$ 75
NC 105 Recvr \$ 75
RME 6 and 2 Transmitter \$125
Globe HiBander Kit \$100
Globe 630 Kit XMTX \$ 30
NC 66 AC-DC Marine Rec \$ 50

Contact: W3BER, Steve
TU 6-5100

FOR SALE:

NC 190 receiver belongs to K3DUW - \$100

Contact: K3GAS, Doc Cutler
7015 New Second Street
Philadelphia, Pa. 19117
215 - 695-1076

FOR SALE:

1 Heath Hw 29 A Sixer and mobile power supply 6 or 12 V.D.C. GP 11 all recommended modifications have been made including mobile mounting BXS -- \$50 perfect working order - like new

Contact: WA3CND, H. Candy
4013 Benson Street
Philadelphia, Pa. 19136
215 - 624-6812

BACK MATS CHEESE BATS

8533 ALGON AVE

PHILA. PA.

19152



W3KKN, Ernest Kenas
2823 Old Welsh Rd.
Willow Grove, Pa. 19090

MEETING NOTICE