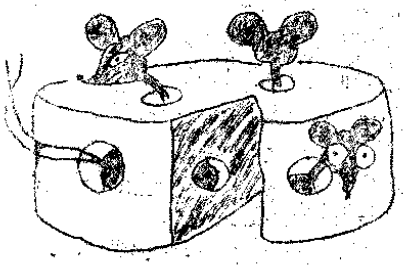

PACK RATS' CHEESE BITS

MT. AIRY V.H.F. RADIO CLUB, INC., PHILA., PA.
(50.2, 145.2, 221.4, 432.3 & 1296.4 MC.)
CLUB CALL: W3CCX
AFFILIATED CLUB: AMERICAN RADIO RELAY LEAGUE
EDITOR: HELEN BRICK, XYL, W3SAO
MEMBER: AMATEUR RADIO NEWS SERVICE
MEMBER CLUB: DELAWARE VALLEY COUNCIL of AMATEUR RADIO CLUBS
MEETING NOTICES: LAST PAGE

VOLUME VIII JANUARY 1966 NUMBER 10

OUR PREZ SEZ

If this issue reaches you before the VHF Sweepstakes, I hope you all had a very happy Holiday and can concentrate on the weekend of January 8 and 9.

If this issue reaches you after the contest, I hope you had a most enjoyable weekend and that you will do your utmost to get your log sheets in good order and back to your co-ordinator post-haste.

The January meeting is always hilarious and if the pattern of previous years is followed, many crying towels will be evident.

The last issue of Cheese Bits was sent out "First class" to our members, and this made a decided difference in delivery, so we will do the same in the future. Subscribers will still have to suffer through the long delivery because of the 4 cents postage.

W3CL, Harry, is doing a wonderful service with the code practice sessions every evening at 7:00 on 50.2. Keep up the good work, Harry.

At the last meeting, the members voted to give a "Pack Rat of the Year" Award as is done in many organizations. The recipient will be a Rat who has done the most for the club the previous year. A committee will be appointed to present the nominees and the club members will have the final vote. The award will be presented either at Ladies' Nite or our picnic.

An opportunity presented itself for the club to acquire a six meter transmitter at a good price. At the last meeting the membership voted that we acquire same. This will be done. You may not remember what a terrible time we had last year to get a six meter rig for the June USO party. This cost us the contest. We will now have a rig, with good power, that will be avail-

(Cont'd next page, right column)

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

10¢ a copy $1.00 a 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 PROPER CREDIT IS GIVEN.

DEADLINE FOR ARTICLES IS THE 20th OF THE MONTH.

ALL INFORMATION SHOULD BE SENT TO THE EDITOR: HELEN BRICK, XYL, W3SAO
821 W. Lindley Avenue,
Phila., PA 19141
215- DA. 4-7524

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Phila., PA 19117
215- ME. 5-1078

AWARDS CHAIRMAN:
W2EIF, JOSEPH KILGORE
#5 Sunnybrook Court,
Stratford, NJ 08084

DIRECTORS' MEETINGS are held on the second Wednesday of each month at designated locations.

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

OFFICERS: 1965 - 1966

PRESIDENT: K3GAS, DOC CUTLER
VICE-PRES: W2EIF, JOSEPH KILGORE
COR. SEC.: W3SAO, FRANCIS BRICK
REC. SEC.: K3BOY, JAMES BOWMAN
TREASURER: W3MVF, DAVID BLOCH

DIRECTORS: W3LHF, DAVID ZIMMERMAN
W2AXU, JOHN POWER
W3ELI, GEORGE VAN DYKE, JR.
K3HSS, CHARLES LUSTICK
K3CIV, RALPH HERSH
(EX-OFFICIO)

****

JANUARY BIRTHDAYS

W3MFY, Press; W3ELI, Van; K3MSV, Jule; K3EHQ, Jim; W3BYB, George; K3ACR, Rich; K3OBY, Jim; K3CIV, Ralph; W3BVR, Ted; W3FSC, Ozzie; WA3EPS, Mort and W3WIJ, Tom.

Congratulations and may God grant you life to enjoy many more.

****

PHILA. COUNTY AREC

EC: K3FYS, MOLLIE SILVERSTEIN,

REGULAR MEETINGS: first Wednesday of each month. Telephone alerting system used for location. 8:00 P.M.

PLANNING MEETINGS: last Wednesday of each month. 8:00 P.M.

HELP is needed for the following;

MEDICAL EMERGENCY NET

TRAINING AT EASTERN PENNA STATE SCHOOL & HOSPITAL

OPERATORS FOR SHRINERS HOSPITAL RADIO STATION

WORK PARTY TO FINISH INSTALLATION AT INGLES HOUSE

Join our nets at 29.36 - 8:30 P.M.
50.2 - 9:00 P.M.
each Thursday and volunteer your services for one of the above, or all, worthy services. Better still, attend the meetings.

The first meeting of 1966 will be held on January 6 at the Fox Chase School. You will be alerted by telephone as a reminder.

****

OUR PREZ SEZ, (CONT'D)

able when needed. Our technical committee will go over the piece of equipment and make sure all is in readiness before it is used.

I would like to welcome our new members and hope they will enjoy the interest and friendliness that we offer.

73, Doc, K3GAS

****

EDITOR'S CORNER

On several occasions it has come to my attention that a number of the members do not have a copy of the membership. Now, as I did before, I urge each of you without one to contact Doc.

Due to the great volume of mail at this time of the year articles for "Cheese Bits" that were mailed in time, did not arrive until December 23 that is the reason for this issue being late.

As of January 1, 1966, all mail must contain the Zip Code number. Check your address on the front of this issue, and if yours is missing, send it to K3GAS, Doc (see address in first column) immediately. Should it be incorrect, send him the correct one.

****

OSCAR IV

All I have to say is; THE HAMS DOOD IT! Of the four satellites launched only Oscar operated fully. Even though not in the correct orbit, it didn't take the hams long to find it. (That word after HAMS is "dood", I can't help it if the "O" & "D" look alike)

OSCAR IV received more publicity than his three brothers because of the misfire.

OSCAR IV's FREQUENCIES: Input, 144.1 Output, 431.972, Beacon. 431.962

****

ARRL BULLETIN NR 38 CORRECTED COPY, DECEMBER 16, 1965

The estimated launch of the OSCAR IV satellite is December 21. A brief announcement appears on page 41 of December QST. The translator has an input frequency of 144.1 Mc, and an output center frequency of 431.972 Mc. which is a change from the origianl announcement. The passband is about 10 kc and peak power output about 3 watts. A beacon is incorporated on 431.962 Mc., again a change from the earlier announcements. Experimenters are urged by Project Oscar to employ c.w. to conserve the restricted bandwidth of the satellite system. All reports on signal reception or contacts made via the repeater should be reported to Project Oscar, Foothill College, Los Altos Hills, California. W1AW will carry further information as received. Summarizing, input 144.1, output 431.972, beacon 431.962, launch predicted December 21. AR

****

OSCAR IV . . . QRV?

From ARRL CD BULLETIN, JANUARY 1966

Shades of 1922. There were more fellows heard via Oscar III than got heard in the first transatlantics! You will note in Dec. QST that 98 amateur stations made two-way contacts in the course of the orbiting. Also (on page 41) there's the news that a new OSCAR IV satellite is to be launched from Cape Kennedy. We hope, for 1966, that OES and all other appointees can find new satisfaction and results in Amateur Radio.

About Oscar IV, plans are that it will be solar powered and have a life of about a year, with a semi-synchronous orbit at 18,000 miles and a 30-day eastward drift; radio coverage 81° north and south latitude.

Decision on which of the two most promising packages will be launched will be made shortly after this bulletin is mailed. (1) W1FRR's RSVS group plans a 1-watt beacon on 144.050 Mc., with companion beacons on 432.15, possibly also on 1296.45 Mc., identifying "HI" on each. (2) W6YQZ's TRW club-group anticipates use of a linear translator with a 10 kc. passband. The center freqs. are input 144.1 Mc., output 431.935 Mc., 3-watts p.e.p. Every 10 minutes a 431.935 Mc. beacon will actuate the translator with 12 secs. of carrier and "HI" twice.

LISTEN FOR W1AW/W6EE bulletins for launch date or other Oscar IV news.

(ED. NOTE: Seems to me there are going to be quite a number of new 432 rigs on the air.)

****

ARRL BULLETIN NR 36, DECEMBER 2, 1965

F-1 Radioteleprinter operation is currently authorized in the non-voice portions of the 80, 40, 20 and 15 meter bands. To bring ten meters into line with this basic allocation principle on other high frequency bands, the ARRL Executive Committee has directed the filing of a petition with the Federal Communications Commission seeking authorization for RTTY in the A-1 segment 28.0 to 28.5 megecycles. It is anticipated that, as on other bands, RTTY stations will voluntarily select a spot frequency or two to centralize such activity. AR

ARRL BULLETIN NR 37, DECEMBER 9, 1965

A reciprocal operating agreement becomes effective immediately between the United Kingdom and the United States. Amateurs of one country visiting or residing in the other may obtain permission to operate their own amateur stations there. The current note covers the British Isles only. Separate agreements will be needed for other parts of the Commonwealth and the Crown Colonies.T he United States has previously reached such agreements with Australia, Belgium, Bolivia, Canada, Colombia, Costa Rica, the Dominican Republic, Ecuador, Luxembourg, Peru, Portugal and Sierra Leone. (They omitted Spratly Islands, as reported in Bulletin NR 31, October 28, 1965) Many others are being negotiated and successes will be announced as they occur. AR

****

CONTEST THOUGHT

Six hours of sleep is enough for a man, seven for a woman, and eight for a fool. --George III of England.

*****

INCENTIVE LICENSING -OR: ADVICE TO FCC

In the ancient Greek State of Locri, there was a rule - whoever proposed a law should do so with a rope around his neck, and if his proposal were rejected, he should be strangled on the spot.

******

THOUGHT FOR THE SEASON

If the world's population of three and one-quarter billion people were compressed to a thousand people, only sixty would be Americans. These sixty would receive half of the total income of the world, and own fifteen times as much goods as the other 940 combined. The Americans would use twelve times as much electricity, twenty-two times as much coal, and fifty times as much general equipment as the remaining 940 persons would use. Except for two hundred others among the thousand, all the rest would be ignorant, poor, hungry and sick. Half of them would not be able to read or write. Three hundred and three would be white, and the remaining 697 would be non-whites. The sixty Americans would have a life expectancy of seventy years, while the rest would average less than forty.

--Victor C. Studley
in THE MANAGEMENT LETTER

******

(The preceding three articles are from "BANDSPREAD" Cedar Valley ARC, Editor; WØIKQ, Bob Noyer, ARNS,;submitted by W2AXU, Jack Power)

****

TWO METER ACTIVITY

By W3LHF, Dave Zimmerman

After a period of some months, it was considered advisable to take a moment off from other pressing and urgent affairs to once more report on the happenings on Ye old favorite band. My apologies to one and all, and I hope that no further lapses will occur.

Within the last week, a definite upsurge in activity was noted. One should not inspect the present action pony too closely, but I will, anyway. The reason is probably the coming contest coupled with the generally lousy weather up and down the coast. Some good propogation along the front of this poor weather is occuring but I'm afraid that in many cases, there is no activity to take advantage of it. This applies to the Phila. area as well as the New England area. Some nites I have heard a single station coming through from VA., Conn., or Long Island, and working possibly one station in this area. Unless there is some new magical mode of skip taking place, other stations would be heard anytime one is heard. The answer is to begin calling (on another frequency, please) in the hope of raising other stations in the same, or even farther areas. You can always come back and get in line to work the DX you are already hearing.

Among the stations worked recently of interest are: K4SUM- Va. and K1IED, Larry, from Morris, Conn. Recently Larry was separated from the service and returned to his old haunts. Many of you will remember him either as a portable Four in Va., or from meeting him at one of our last two picnics. His home has about 1100 feet elevation and the rig runs about 100 or so watts. Most of the gang will hear him quite well.

It's nice to hear a bit of cw traffic on the low end again. Let's keep in mind the old gentlemen's agreement not to operate fone in that lower 100 kc. The whole two meeter band needs more activity, but not down there!

Merry Xmas and a Happy Contest to ALL.

****

1956 CLUB MEMBERSHIP

By W3SAO, Frankie Brick

LEGEND: (D) deceased; (R) retired; (X) resigned

CLUB ORGANIZERS: W3IBH, CHARLES CLEMENTS (D) & W3SAO, FRANCIS BRICK

CHARTER MEMBERS: MAY 15, 1956

W3IBH, CHARLES CLEMENTS (D)
W3SAO, FRANCIS BRICK
W3CL, HARRY STEIN
W3FSC, OSCAR JACOBY (R)
W3CPT, KENNETH HARRISON
W3HYO, LENNY CIUCCI (R)
W3RZU, ELIO COLUSSI (R)
W3NKD, VICTOR LEES (X)
W3HWV, WILLIAM BENNER (X)
W3ZEY, RUSSELL WIDGER (X)
W3DHH, EDWARD STEWART (X)

W3IBH WAS APPOINTED HONORARY PRESIDENT AND W3SAO APPOINTED SECRETARY

VOTED IN SEPTEMBER 25, 1956

W3LMI, WILFRED JONES (D);
W3OZP, WILLIAM MILLER
W3KKN, ERNEST KENAS
W3ALR, EDWARD APPLE (X)
W3FOZ, CHARLES KOELSCH (X)
W3TYX, BYRON McCOLLUM (X)
W3DRC, THOMAS TOMLINSON (X)
W3VGN, HARVEY COON (X)
W3VOC, JACK KESSOCK (X)

(CONT'D NEXT PAGE)

VOTED IN DECEMBER 19, 1956

W3AJF, HORACE DEACON
W3CXU, JOHN ALLEN, JR.
W3FUL, SAMUEL POLSTON (X)
W3JAY, GEORGE NICHOLS (R)
W3UMQ, CHESTER RATASKI (X)
W3NXT, CONARD (BUCK) HARVEY (X)
W3UKI, GERARD FOLEY (X)

****

YOU LOSE AGAIN, MOM

(CONCLUSION)

By K3JJZ, Elliott Weissman

As you can see, the XYL has really and truly lost the battle to win No.1 son away from Ham Radio.

When No. 2 son was born, and before he could walk, the XYL declared, "This one is mine. No tools and dirt for him!" I couldn't really argue, but in the meantime No. 1 son started to ask questions.

"When Brian gets bigger will you build him a workbench with a vise like mine, huh Dad?" Being a fair father, I answered, "Yes." "Oh, no you don't," retorted the XYL. "Well, he can share mine," answered No. 1 son. Daddy just smiled and said nothing.

Gradually, as No. 2 son grew, he got more and more under the XYL's feet. After dinner, when No.1 son would say, "Let's go down the basement.", we would go and leave the littly guy upstairs with mom. This worked for a while, but he soon got curious and it got so that he would stand at the basement door and cry, and call for his brother. Now, big hearted daddy would have loved to go up and get him, but I figured that this would result in another domestic squabble, so I let him cry.

Finally it happened --- One night after dinner;
Jr. Op.; "Hey, Dad, we go down the basemant?"
OM; "Ask your mother if it's OK."
Jr. Op.; "It's OK, Mom?"
XYL to OM; "You had better take little one with you too."
I stared in disbelief. I couldn't possible have heard right.
"What?", I said.
"You're not going to leave him up here crying at me while you're downstairs."
We took him.

Now, No1 son was adequately trained as to what could be touched and what could not. Not so with No 2 son. While my back was turned the bandswitch on the rig somehow or other got flipped to the 80 meter position. This bandswitch should have been rusted in the 6 meter position, because that is where it has been for the past five years. Have you ever tried to tune up using an 8 megacycle ARC-5 VFO with the bandswitch in the 80 meter position? I tell you, the plate current meter pinned, the transformer hummed and I muttered.

No 1 son to the rescue.
"Hey, Dad, Brian was turning your knobs." Ah, Hah! so we found the trouble and smacked it's rear end. We packed No. 2 son and No. 1 son in the playpen, which we hurridly erected. This was to be where the Jr. Ops. spent their time while daddy got to do something at the workbench.

Now, I've already told you that the XYL had given up on No. 1 son, but No. 2 son she still expected to turn out to be a normal child. Her definition of normal excludes anything to do with ham radio.
Little by little, it seemed that she lost the battle. There were signs.

The little guy started twisting the knobs on the one-eyed monster. This wasn't too bad, but when he turned the volume all the way up and then walked away, it was another story. There were other incidents. During the day, he would stand at the basement door and cry, "Down, down."

Well, the last straw finally came. We were in the process of loading the car for a trip to Grandmom's. The trunk was loaded, the back seat was loaded, everything was loaded but the OM. Lastly, I hefted No. 2 son into his riding spot, the car seat between the XYL and myself. As luck would have it, this spot is right over the mobile rig.

The XYL turned white.

I smiled.

No. 2 son had picked up the mike, and, holding it very close to his lips, was jabbering away to beat the band.

I looked at the XYL and proclaimed,

"YOU LOSE AGAIN, MOM!"

THE FCC DOES ELIMINATE SOME INTERFERENCE!

or

THERE'S HOPE FOR HARRY-IF HE LIVES SO LONG

By W2AXU. Jack Power

While thumbing through the December issue of Auto Call, I ran across the "Notes from the FCC Engineering Field Reports." I thought it to be interesting. It does seem that the FCC does, or will, make an effort to eliminate industrial interference. The first two notes seem to indicate something.

The pretzel factory took four years to finally fix their interference after the FCC brought it to their attention.

"INTERFERENCE WITH A NEW TWIST.

A major interference problem continued over four years while a pretzel factory worked out a way to eliminate arcing in gas flamesigniters in its ovens. Its eventual solution cost the firm $14,000, not to mention the manhours spent in trying different schemes. Four ovens were involved, each about 7 feet high, 10 feet wide and 80 feet long. Since each oven had 60 burners, the 240 ignition spark contacts played havoc with nearby TV and radio reception. Many efforts failed, but the company persisted and finally installed a system which eliminated the ignition spark as well as the interference. A final FCC inspection of the bakery elicited comment that its only regret was that after spending so much money 'the pretzels didn't taste one bit better.' "

The cannery in Douglas, Ariz. promptly eliminated their interference,

"CHILI BURNS UP AIRWAVES

The FCC Douglas, Ariz. monitoring station found a similar source of interference in a local cannery using a gas furnace to burn off the outer skin of chili peppers. Radiation of spark-gap igniters used in the furnace invaded radio frequencies of a nearby airport. The cannery company promptly installed corrective equipment."

Why did it take one company four years and the other company promptly? My guess is that the pretzel company probably only interfered with Hams, TV viewers and radio broadcast listeners. The cannery interfered with the airport operations.

Sure, the airport operations are important because the safety of life is involved. But, if one company can do it promptly, why not the other? The interference is the same.

W3CL, Harry, has been living with an interference problem for many more years than four. The Philadelphia office of the FCC made a firm effort for a period of time and the offending company made, what I would call, a token effort to decrease the interference. Then, all of a sudden, the Philly office of the FCC was no longer involved since the case and file had been transferred to the Washington, D.C. office and everything came to a grinding halt. That is, all except Harry's efforts. However, after conversations by his representative tith the FCC in Washington, he was told there really wasn't anything that could be done by the FCC. The FCC couldn't take the company to court because it would be costly and, besides, it was only one citizen that was being bothered. And maybe they didn't have a good case.

Well the FCC Rules and Regulations are rather specific about this type of interference. If it's a law, it should be enforced for one person as well as for many. If it can't be enforced, then the law is not good and should be removed.

If Local Ham was causing interference with his rig, he would be told to fix it, and if he didn't, or told the FCC they could go to you-know-where, he would be hauled into court, fined and/or imprisoned and his license taken away. Well, the local company has, in essence, told the FCC to go you-know-where and nothing happens. I guess it's nice to have money.

Suck up, Harry, - if you live a long life, and I hope you do, maybe the problem will go away.

********** ********** **********

The following report from the same Auto Call seems to show that one person's complaint got results.

"SMOKING OUT TV INTERFERENCE

A TV viewer, her patience exhausted, called the FCC Baltimore field office to complain that smoke from a nearby factory was hurting her video reception. Engineering rationale to the contrary, she was adamant that the smoke was the source of her trouble. She was so compelling in her presentation that

(cont'd next page)

an engineer was sent to the scene. Sure enough, while viewing the complainant's receiver, the interference appeared precisely at the same time a cloud of smoke emerged from the suspect chimney. And, as the smoke dissipated, the interference faded away. Each belch of smoke brought back the interference. Further investigation revealed that the trouble was caused by an electrical device controlling the flue in the chimney. Notification to the factory owner resulted in corrective action. The complainant can now enjoy her TV while the chimney puffs away."

Here's one way to get rid of it, Harry, although we don't recommend it.

"BURNING ISSUE

A case of interference from a heater using radio frequency energy being investigated by the FCC Philadelphia engineering office ended in an impractical yet effective manner. The heater's owner was adamant in not having it certified and continued to operate it. But the latest visit to his plant proved that the case could be closed. The building had burned to the ground, fortunately with no loss of life but eliminating the interference."

All prededing quotes are from December Auto Call, Washington, D.C.
Editor, W3NL, Andy Anderson, ARNS

****

DID YOU KNOW

That Isabel, the XYL of W3OHY, Tom, now has the call letters WA3EPL?

That Mother Rat received a present on Christmas Eve from CQ Magazine? Yes, it is the long awaited trophy for the highest club score in the Spring CQ VHF Contest, 1964. I understand that we are to keep it until another club is able to top our score. If you treat me nice, I might let Frankie bring it to the meeting.

That K3AA, Papoo, is in the hospital for an operation? Send his get well cards to his QTH. K3AA, Lewis Clement, Sawmill Road, R.D.3, Doylestown, PA 18901.

That W3BNU, Oscar Hiskey, passed away recently? Our sympathy to his family.

That the answer to last month's puzzel is The Norwegean drank water and the Japanese owned the Zebra?

****

NEW PRODUCT ANNOUNCEMENT

LAFAYETTE MOBILE LINEAR AMPLIFIER MODEL HA-250

The Model HA-250 Linear Amplifier can be used on 6, 10, 11 or 15 meters to boost transmitter output to a full 100 watts P.E.P. power. It will amplify AM, FM, SSB, DSB or CW signals. Compact broadband linear amplifier features an RF sampling circuit which automatically switches the linear. No extra switching or wiring is required. Other features include a 12-volt DC solid state power supply which requires 1 ampere of idling current, over-sized heat sinks, and illuminated tuning meter. Small size permits easy installation under dash or in trunk.
Size: 7 x 9 x 2". Stock No. 40-0160WX. Net Price: $79.95

LAFAYETTE 1966 WINTER CATALOG NO. 662 may be obtained by writing to: Lafayette Radio Electronics Corp., P.O. Box 10, Dept. PR, Syosset, L.I., NY 11791

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LATEST BULLETIN ON OSCAR IV

ARRL BULLETIN NO. 39 DECEMBER 22, 1965

OSCAR Headquarters indicates that OSCAR Four is in a highly elliptical orbit with an estimated period of 600 minutes. The inclination is 26 degrees, apogee 18,000 miles and perigee 106 miles. Late tracking information indicates the input frequency is 144.1 Mc., the output center frequency 431.940 Mc. and the beacon is on 431.928 Mc. The first confirmed report of contact through OSCAR was between W6YK and W4AWS. OSCAR bulletins are carried by W6EE on voice on 3935, 7235 and 14.235 at 0400 GMT, on c.w. 3507.5, 7014 and 14.040 at 0415 GMT, and on RTTY on 3625, 7040 and14.090 at 0445 GMT. Reports on signal reception or contacts made via the repeater should go to Project Oscar, Foothill College, Los Altos, California. W1AW will carry further information as received. AR

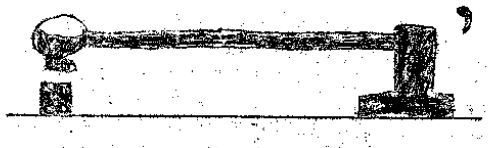
****

JUST A PASSING THOUGHT

Over the Christmas Holiday weekend 721 Americans were slaughtered needlessly.

The total Americans killed in the war in Viet Nam is 1546. Perhaps the protest marchers should go to war in Viet Nam where their chances for survival are better.

IN MEMORY OF OUR SILENT



'S

W3CCX, MATTHEW GELARDI-FEB.4, 1958

K3MTL, COURT MANNING-JUNE 9, 1961

W3ASD, KARL VINCENT-FEB. 25, 1963

W3AYG, JOHN HARRIS-OCT. 22, 1964

W3UMI, WILFRED JONES-JULY 9, 1965

W3CFS, EDWARD ALBERT-OCT. 24, 1965

W3TBH, CHARLES CLEMENTS-OCT. 31, 1965

SWAP & SHOPPE

Conducted by; W3ZRR, Raymond Whitehead
4534 N. Smedley Street,
Phila., PA 19140
215- DA. 4-5910

FOR SALE: HG-10 VFO, 2 to 80 meters Checked & tested. New $30.00

HQ129X with Q multiplier. Good condition $95.00

55C Atwater Kent Radio. Antique. Still in use. No cabinet. Original speaker. Make offer.

HX20 CW & SS Xmtr $135.00

150 w xmtr AM & CW. Fully metered (5 meters) on 2 7" rack panels. 80,40, 20, 15 and 10. $75.00

6 meter converter. nuvistor pre-amp with power supply. 5x7 chassis. 7 Mc crystal included. $25.00

CONTACT: K2QOK, Ed
1-609-931-6853

****

MEETING DATES

DIRECTORS	1966	REGULAR
Jan. 12		Jan. 19
Feb. 9		Feb. 16
March 9		March 16
April 13		April 20
May 11		May 18
June 8		June 15

****

REGULAR MEETINGS are held, when possible, on the third Wednesday of each month at 8:00 P.M. at the West Oak Lane Jewish Community Center, Sedgwick & Thouron Streets, Mt. Airy, Phila., Pa.

****

MEETING NOTICES

JAN. 12 DIRECTORS' MEETING

The Directors' Meeting will be held at the QTH of W3ELI, George Van Dyke, 4607 Convent Lane, Phila. If unable to attend, please call; 215-NE. 7-8329. 8:00 P.M.

Past Presidents are always invited to attend.

JAN. 19 REGULAR MEETING

The regular meeting will be held on Wednesday, Jan. 19 at 8:00 P.M.
Speaker: YOU
Subject: "Crying Towel"

JAN. 26 PHILA. CO. AREC PLANNING MEETING 8:00 P.M.

FEB. 2 PHILA. CO. AREC REGULAR MEETING 8:00 P.M.

****

REMEMBER: APRIL 16, BUCK HOTEL
PACK RATS' LADIES' NITE

NEW MEMBERS

WA3BIV, CARL BARISH
7948 Thouron Avenue,
Phila., PA 19150
215- LI. 9-6486

WA3EPS, MORTON (MORT) MAZER, XYL, CONNIE
7747 "B" Washington Lane
Phila., PA 19117 (Elkins Park)
215-885-0825

W3IA, THORNLEY (TOM) COIN, XYL, SARA
115 W. Rosemar Street,
Phila., PA 19120
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