



VOLUME IV

MT AIRY V.H.F. RADIO CLUB, INC., PHILA., PA.
(50.2, 144.2 and 221.4 MC)

NUMBER 9

W3CCX

(meeting notices, last page) DECEMBER 1961

1961 EDISON RADIO AMATEUR AWARD

OWENSBORO, KY.--A call for nominations for the tenth annual Edison Radio Amateur Award for outstanding public service has been issued by L. Berkley Davis, chairman.

"The 1961 Edison Radio Amateur Award will mark the tenth anniversary of this program," it was pointed out by Mr. Davis, vice-president in charge of the General Electric Company's Electronic Components Division, sponsor of the award.

"In the past decade we of General Electric have felt highly privileged to grant this award, together with many special citations, to scores of licensed radio amateurs who have devoted a good share of their lives and often risked death, in serving their fellow men," Mr. Davis said.

The awards have been made in recognition of public service in hurricanes, floods and other disaster situations; in training and educating youths in electronics; in helping servicemen and others overseas who otherwise could not have completed necessary, rapid communications; and for technical achievements.

Nominations of radio amateurs who have performed public services in 1961 must be postmarked no later the Jan. 3, 1962, and addressed to Secretary, Edison Radio Amateur Award Council, General Electric Company, Owensboro, Ky.

Nominations may be submitted by any person or group of persons familiar with a public service performed by a radio amateur. Complete details of public services performed should be included to facilitate judging. A "Guide for Preparing Nomination" will be sent to those requesting it.

Candidates must hold valid amateur radio licenses issued by the Federal Communications Commission and must have performed the public service cited while in pursuit of their hobby.

Nominations will be judged by an impartial panel consisting of: E. Roland Harriman, chairman of the board, American National Red Cross; Commissioner Rosel Hyde, Federal Communications Commission; and G. L. Dosland, President, American Radio Relay League.

The principal recipient will be selected on the dual basis of 1) his personal sacrifice and 2) the benefit of his public service to an individual or group. In past years the judges also have chosen other candidates to receive special citations for their meritorious service. Results will be announced late in January, 1962, and presentation of the award trophy and \$500 will be at a banquet in Washington, D.C., in February.

"The Edison Radio Amateur Award has become a coveted honor during the past ten years," Mr. Davis said. "We are proud that the award has been referred to as the 'Nobel Prize of amateur radio'."

He said about 750,000 persons hold amateur radio licenses which are issued by the federal government to provide a ready reserve of technical manpower and to encourage the development of radio communications.

Supporting the wisdom of this latter objective, Mr. Davis said, is the fact that last year the award was shared by two radio amateurs who set a long distance communications record under circumstances long believed to be impossible. They communicated regularly over a period of time between Hawaii and California, 2,500 miles, using ultra-high radio frequencies generally employed only for short distances.

The accomplishment was widely hailed in electronics and communication circles,

(next page)

and particularly drew the attention and interest of military communications authorities.

(Editor's note) One ham that I know of, whom I feel is worthy of nomination, is the one in Bucks County, sorry I forget his call, who hearing a plea for a rare serum to save the life of a child in South America, made all-necessary arrangements and had the serum on the way within one hour.

"CHEESE BITS", PUBLISHED MONTHLY BY
MT. AIRY V.H.F. RADIO CLUB, INC.,
PHILA., PA.

10¢ a copy \$1.00 a year

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W3HKZ, Edward Kushner
W3SAO, Francis Brick
K3CIV, Ralph Herish,
(Ex-Officio)

COUNCIL REPRESENTATIVES:
W3AYG, John Harris
K3LBT, Alfred Oberland

MEETINGS: DIRECTORS: Second Wednes-
day, each month. 0100 GMT
GENERAL: Third Wednesday,
each month. West Oak Lane
Jewish Community Center,
Sedgwick and Thouron Sts.,
Phila, Mt. Airy, Pa.
0100 GMT.

NETS: 144.2, Monday, 0100 GMT
50.2, Monday, 0200 GMT
221.4, Monday, 0300 GMT
NITWIT: Monday 0300 GMT
(50.2)

NET CONTROLS: 144.2; W3SAO, Alt. W3AYG
50.2; W3CL
221.4; W3KKN

Let's correct our 800-800's first;
They both occur in the membership
list.

1. Change the address of K3GAS from
7812 to 7815 New Second Street.
2. Change Elio's call from W3ZRZU to
W3RZU.

I apologize boys.

We have learned that Ralph, K3CIV, has
moved his equipment to Ellis'. so
change his address to read the same as
W3IXL.

While we are on the membership list, I
will give you one deletion.

HAIL AND FAREWELL
to W2UZN/3, Jim Throop. Due to cir-

cumstances beyond his control, U.S.
Navy, has had to resign from the club.

One day Uncle Sam touched Jim on the
shoulder and said, "Jim you have been
here long enough, time to move." Jim,
being a good nephew said, "OK, Uncle".

We would like to point out that we
first became acquainted with Jim through
our SCM, W3ZRQ, Allen Breiner. Jim
was in California at the time and wrote
to Al asking about a VHF club in this
area, as he was being transferred to
Johnsville. Knowing that many of our
members worked there, Al recommended
our club.

Thanks, Al, you couldn't have recom-
mended a finer fellow. He was a big
asset to the club and we are sorry to
lose him.

At present Jim has been transferred to
Norfolk, Va., from there he goes to
Key West, Florida, and from there he
will go to Rhoads Island. We feel cer-
tain that as soon as Jim gets settled
he will contact us, and we will pass
along the information.

Remember his call will still be W2UZN/.

OFFICIAL BULLETIN NR 821 FROM ARRL HDQ.
WEST HARTFORD CONN. OCT 19, 1961

TO ALL RADIO AMATEURS BT

The attention of amateurs interest in
DX work is called to the addition of
the Kamaran Islands to the ARRL Coun-
tries List. DXCC credit claims for
this addition will not be acceptable
until February 1, 1962. Official
announcement of this addition will be
made in the December issue of QST.

AR

OFFICIAL BULLETIN NR 823 FROM ARRL HDQ.
WEST HARTFORD CONN. NOV. 2, 1961

TO ALL RADIO AMATEURS BT

Effective November 22, 1961, amateurs
of Bolivia and the United States will
be permitted to exchange messages on
behalf of third parties. The other
fourteen countries with whom the United
States has similar agreements are
listed on the cardboard insert, page
64A, of October QST.

AR

OFFICIAL BULLETIN NR 824 FROM ARRL HDQ.
WEST HARTFORD CONN. NOV. 10, 1961

TO ALL RADIO AMATEURS BT

Amateurs who have two meter gear are
reminded to keep their equipment in
readiness for Project OSCAR. When
launch time approaches, extra bulletins
(next page)

will be transmitted by WIAW at frequent intervals on its announced frequencies listed on page 64B of October QST. The OSCAR transmitter will operate with 100 milliwatts power on 145.0 Mc and will transmit the letters HI on CW.

AR

APPRECIATION

Dear Sons:

Thanks to each and everyone of you for your condolences on the passing of my father. Believe me, boys, that was a day that we hoped and prayed for for three and a half years. He had cancer throughout his whole body and suffered terribly. We miss him, but we are happy for him.

Thanks again,

Mother Rat.

CONDOLENCES

Sorry that we did not learn of the passing of the mother of Mike, K2QDS, until the meeting, November 15. Mike "She is not dead, she is just away", and you will see her again just as I will see my father again.

A MESSAGE FROM OUR PRESIDENT, W2AXU
John B. Power

Brother Pack Rats:

We have arrived at the half way point of another year in the Pack Rats' history, and it has been quite a history. Maybe Frankie as club Historian will get our history written and present it to us through "Cheese Bits". Getting back to my thoughts-I thought a resume of our working committees might be in order so everyone can know what committees are working and who is on them.

1. Membership; W3CL
2. Program; K3IUU
3. Picnic; W3SAD and Mother Rat
4. Contest W2EIF, W3CL, K3IUU, K3IPM
5. Delaware Valley Council: W3AYG, K3LBT.
6. Technical; W3HKZ
7. Refreshments; K3LBT
8. Club Historian; W3SAD
9. Raffle; K3HWZ, K3JJZ, K3IPM
10. Constitution; W3CPT, K3IUU, W3CL.
11. Ladies Night; K3HWZ, K3MSV, K3IPM and W3JSD.
12. Parliamentarian; W3CPT

These committee members are doing a wonderful job for the club and I would appreciate it if any club member is called upon for assistance by any committee, they would extend their full cooperation.

The picnic was a wonderful success this year. The weather, the committee, the members, the sonors, the guests, the Park Guards, the bugs, etc. all cooperated to make it the success that it was.

Helen Brick, more affectionately known as "Mother Rat", has produced a fine set of "Cheese Bits" each month. We have received a number of fine compliments on our paper from fellow hams about the country. Helen can't do the job all by her little lonesome and it takes help from the club members. Their help has been forthcoming as evidenced by the number of fine articles that have appeared. It can't stop here and "Cheese Bits" will appreciate receiving articles from any of our members or non-members. You all have something that can be written about and our club paper is the place to put it. Let's flood Mother Rat with articles of all types.

K3LBT and his volunteer group have been supplying us with ample refreshments and his instructions are to continue the same for each month.

Our program committee has provided us with some fine talks from both within the club and from the outside. They have extended plans for the coming meetings and we will let you know what they will be as they all materialize.

We have a group gathering together the pieces and parts of our Constitution and By-Laws. There have been a number of changes to each part and our committee is going to assemble it and will present us all with an up-to-date copy of the document for our files.

Our Delaware Valley Council of Radio Club representative has been elected their President for the year of 1962 and we congratulate him and wish him well. His alternate will then have to take over as our representative but this will not be new to him. Good luck.

The contest Committee has been hard at work and their group will need the full and complete cooperation of every club member to make their committee efforts a success. I hope none of you will let them down.

The technical Committee has reported that he hasn't had a lot of work to do. This speaks well for our membership as they have apparently been able to solve their own technical problems. The committee is only for solving problems and not for physical labor.

The Club Historian has only started to work. He is going to need the cooperation of the members also. He would like to have the photographs of the past picnics, field days, shacks and anything else that pertains to our club. He will put together and publish a written chronicle.

The Raffle Committee has treated us royally. The pieces and parts they have secured have made it very pleasant at each meeting. We're looking forward to more of the same.

We are all looking forward to a pleasant evening with our sweethearts in the spring and I am sure our Ladies'

(next page)

Nite Committee will not disappoint us. Watch for their announcement as the time approaches.

Our Membership Committee has been functioning monthly. They have supplied us with a fine batch of new members with the cooperation of the members at large.

Well, fellows, this is enough for now. We have had fine meetings with good attendance and this is not possible without the cooperation of the members themselves.

Thanks fellows and keep it up.

John B. Power, W2AXU
President.

MY GET UP AND GO HAS GOT UP AND WENT
How do I know that my youth is all
Spent?
Well, my get up and go has got up and
went.
But in spite of it all I am able to
grin,
When I think where my get up and go
has been.
With my ears in a drawer, my teeth in
a cup,
My eyes on the table until I wake up,
Ere sleep dims my eyes, I say to my-
self,
Is there anything else I should lay on
the shelf?
I'm happy to say as I close my door,
My friends are the same, perhaps even
more.
When I was young, my slippers were
red;
I could kick up my heels right over my
head.
When I grew older, my slippers were
blue,
But still I could dance the whole night
through.
Now I am old, my slippers are black,
I walk to the store, and puff my way
back.
Since I have retired from life's com-
petition,
I busy myself with complete repetition.
I get up each morning, dust off my
wits.
Pick up the paper and read the "obits".
If my name is missing, I know I'm not
dead;
So, I get a good breakfast and go back
to bed.

Submitted by W2AXU.

CLUB HISTORY

By W3SAO, Francis Brick

Our club was formed on May 15, 1956 when ten hams gathered at the home of W3FSC, Oscar Jacoby. The purpose of the meeting was to form an organization for V.H.F. men.

The Charter Members of the club are;
W3IBH, Charles Clements; W3CL, Harry Stein; W3CPT, Ken Harrison; W3NKD, V&c Lees; W3RZU, Elio Colussi; W3FSC, Oscar Jacoby; W3DHH, Ed Stewart; W3HYO, Lenny

Ciucci; W3HWV, Bill Benner and W3SAO, Frankie Brick.

Out of the original ten members eight are still with us. Two, W3DHH and W3HWV resigned due to circumstances beyond their control.

At this gathering W3IBH, Charlie, was appointed President until an election could be held.

Our Past-Presidents are; W3IBH, Charles Clements, 1956-1956; W3FSC, Oscar Jacoby, 1956-1957; W3OZP, William Miller, 1957-1958; W3CL, Harry Stein, 1958-1959-1960 and W3HKZ, Edward Kushner, 1960-1961.

MVF and TOWER

By Elliott Weisman, K3JJZ

Saturday, October 14. The scene 6922 Revere St. Present are W3MVF, K3ESL, K3BPK, K3AUH, K3EOD, K3GAS, K3LBT, W3SAO and K3JJZ. It is very hard to know where to begin but we'll try. First of all LBT and SAO were late, shame on you. Anyhow when I got there ESL, BPK, GAS and MVF had the tower out and were drilling the collar for the pipe. Now at this point we spent a good deal of time on hole drilling.

You see MVF buys drill bits at 4¢ a piece, and I think he got took. You know what a 4¢ drill bit is like. Well what it is, is a 10 penny nail with the strength of a hairpin. Now that the pipe was set up, we went to work on the rotator base plate. It seems that the tower folks don't make these base plates to allow clearance for the rotator wires. So back to the 4¢ drill bits and we proceed to make a cut out for the wire. This took about an hour, with ESL and BPK manning the drill. Yours truly acting as chief oil can pusher.

Now about the only thing that makes antenna work real difficult is bad weather, and we sure got that boy. I understand that Dave's Mother-in-law wished this on us, and all that I have to say in this respect is, Dave, don't antagonize her, she may wish for the rig to blow up.

Anyhow this was the ideal time for a coffee break. So we retired to the kitchen to break some coffee. The rain cleared up (I guess "Mom" felt sorry for us. Either that or she wanted us out of the kitchen,) never- the less we went back to work.

Up went the ladder and soon after went BPK and AUH to prepare the roof for the tower. Now if you can picture a 40ft aluminum ladder extended 36ft it allows quite a bit of sway. It didn't sway too badly when BPK went up or when AUH went up. It did not even budge when Frankie went up, but when ESL went up that ladder looked like a 30 pound bow with a 60 lb pull on it. I couldn't look. Doc told me I could open my eyes and Ben was topside. (next page)

GAS and I were cutting the old bolts off of the beam and were fitting new ones. First they hoisted up the tower base plate, then the tower, then the 2 meter beam, then the 6 meter beam and then it started to pour. SAD flew down the ladder, the ground crew headed for the garage, down came ESL and again I couldn't look. AUH and BPK were still topside. MVF took pity on them (I guess because his Mother-in-law wished for rain) and tied an umbrella to the rope and they hoisted it up.

If you have ever seen the circus, well this was nearly the same. BPK and AUH on the roof under an umbrella, everyone on the ground in the garage. The audience was the rest of the neighborhood looking out of their kitchen windows. One youngster even took a picture. Well finally the rain subsided and BPK and AUH came down. This didn't make sense to me but then who am I. Well after their clothes came out of Mickey's dryer, someone suggested we throw Frankie in, but Dave, economical as he is, wouldn't allow this waste of gas. AUH and BPK went topside to complete the installation. I started to drill the hole for the second piece of coas.

Now I don't know if you have ever tried to drill a hole through a 6" joist with a 3" bit; but I'll tell you it was some job.

The rotator box was attached and the antenna rotated for orientation. Frankie hollared, "Hold it, there's a short in the rotator." Well BPK and AUH looked high a low for the short and couldn't find it. GAS discovers that Frankie had the control box on his lap in such a position that the switch was always on. Shame on you Frankie. After making sure the rotator was squared away (we took the control box away from Frankie) they hoisted a compass topside. (Frankie's compass)

They oriented the antenna and lowered down the tool box, the roofing cement, and other assorted junk. Down came BPK and AUH, etc., and they took down the ladder. AUH put the ladder on his wagon and then IPM drove up. AUH stole his car keys and we proceeded to play catch with them while Stan ran around like crazy. He got them back when EOD made an error, and returned to the salt mines.

We went inside to eat and Frankie asked what had happened to his compass. They left it on the roof and as far as I know MVF is the only Pack Rat that has a compass at the base of his tower.

I'll be the first to admit that the ladder was a safety hazard. Boy, you aint heard nothing yet. Inside the shack everything you touch is hot. 110 volts from chassis to ground all over the place. Reversing ac plugs didn't help.

This is by far the hottest shack I have been in. I hope not to be there when Dave turns the rig on. I am inclined to believe that he has set a booby trap for his Mother-in-law.

73,
E1.

WHAT HAPPENS

The I's have it, General ticket that is. W3ISV, Syl, K3IUU, Bert and K3IUZ, John. John and his XYL, Phyllis passed their general exam at the Brass Pounders dinner.

Our two A1's are still with us. They didn't pass the physical exam for the Army. A1, K3EOD, was over weight and must report again when he loses some. A1, K3BEF, does not have to report again.

Due to circumstances beyond our control, we were unable to attend the Brass Pounders dinner, but we understand from Earl, K3HJA, that they had an attendance of 90 and everyone had a grand time.

It seems that Bob, W3GXB, is pretty certain that his offspring will be born on the 31st of December, but you know babies, they have a way of arriving when they want to. I still say it will be a New Year baby.

Did you know that we are now the Mt. Airy C.B. Club? Received a letter from CB Horizons Magazine asking us to send subscriptions for the CB Callbook and Handbook. Somebody goofed. Maybe there is a Mt. Airy CB Club, but not at this address.

Understand that Charlie, K3HSS, was the one responsible for the new call-in arrangement on the 6 meter net. It is working out just fine and is now also being used on the 2 meter net. Remember one thing, if net control says he is calling in those in the S.E., he means those who are S.E. of his QTH.

If anyone has any traffic for up state there is the BLACK DIAMOND NET on 50,64, each Sunday at 8:30 P.M. K3KNO is net control.

W3AYG, John, the president of the Delaware Valley Council of Radio Clubs, reports that the set-up in the Phila. National Bank for UN Week was a grand success and the same arrangement has been made for next year. Sorry we were not able to visit it and give you our version.

COMMENTS ON SIX & TWO

By SMEL A. RHAT

If you have not already noticed it, then stop and think a moment and you will realize that the nets operated by the Pack Rats serve several useful purposes. It is of course, a goal of the club to promote VHF activity.

(next page)

What better way to promote VHF activity than by means of a net?

Its other purpose is to keep the members in close touch, give out essential information and foster comradeship between club members and thus create closer ties.

Like all good things, however, there are always those who like to take advantage of it -- for instance -- there are those who sign "in and out". This is very good because one can realize that business reasons or other duties require more urgent attention, BUT I wonder about the members who sign "in and out" and then proceed to go elsewhere on the band or bands for other QSO's. Possibly our "in and outer" does not care about nets - if so, why sign in at all?

Then there is the gentleman who rushes in to be first so he can make his transmission and be on his way. This person is telling me that he wants to have his say, but isn't very much interested in what you and I have to comment on.

We still have a few who apparently don't know how to zero beat the club frequency with a VFO. Remember that zero beat means exactly that - if you are off by an audible amount, say 3000 cycles or 5000, then your carrier will be off that much and the sharper net receiver will miss you.

Hope you are all getting your antenna work done during the nice weather, if not then you will be sorry in January. Nuff sed.

Smel

NEW PRODUCTS OF INTEREST TO HAMS

By Lyn Rowland, W3NSI

1. Amperex 7854 Twin-Tetrode

This unit is about the size of the popular 5894 and has the same socket connections. It is rated for 1000 volts in CW service with fan cooling.

Without forced air cooling it will put out about 125 watts on 2 meters. Price - about \$22.00

2. RCA 7801 Cermolox Tetrode Power Tube -- 12.6V .5 A (7870-6.3V 1A)

This tube, just over an inch in height, is rated at an output of 27 watts on 432 Mc. It is possible that this tube will soon show up in UHF Mobile Police Transmitters. The 7801 is conduction-cooled. Price - N.A.

3. Cinch Nuvistor Socket - Bolt-in type -- #133-65-10-003

This socket is just fine for the ham who does not like the idea of soldering the regular nuvistor socket directly to the chassis. Main problem is finding a store that stocks them. Really saves a lot of work in construction of

converters, not to mention burnt fingers. Tapetone Nuvistor converter makes use of this item in their new 6 M unit. Price - \$.22

4. Fairmount H-32 Solder

This company is now producing 60-40 (.032) core solder using an activated Hydrazine salt as a flux. This solder is interesting for two reasons. First, the fumes from this flux are much less disagreeable to people troubled by respiratory conditions, and second, the flux disappears, leaving no trace of a residue. The solder Type H-32 can be used with copper, brass, cadmium plate, gold, tin plate, nickel plated brass and Zinc plate. Price - Approx. \$2.00 per pound from Fairmount Chemical Co., 136 Liberty St., New York, 6, N.Y.

73,

Lyn, W3NSI

Lyn has also supplied us with the schematic for the Transistorized Polar "RTTY" Converter by W2JAV, Phil Catona

SWAP AND SHOPPE

Conducted by,
W3ZRR, Raymond Whitehead
4534 N. Smedley Street,
Phila., 40, Pa.

FOR SALE: 2 and 6 meter beams

CONTACT: K3LBT, Alfred Obenland
99 W. Roselyn Street,
Phila., 20, Pa.
215-HA. 4-7986

FOR SALE: Viking 6 & 2 meter rig,
417A Converter, Beams, Etc.

CONTACT: K3HHS, William Prenskey
40 Deep Dale Drive, .E.
Levittown, Pa.

FOR SALE: RG14 - 100' lengths
\$20.00

CONTACT: K3BPK, David Gindin
6504 Rossevelt Blvd.
Phila., 49, Pa.
215-JE. 3-1849

WANTED: 2 meter converter

CONTACT: K3GFF, George Korn
215-DE. 8-4260

FOR SALE: 1960 model Evenrude outboard motor. 40 HP, manual start. \$350.00

CONTACT: Joseph Beck,
215-BA. 5-8861

Received a letter from Ruth Manning, widow of K3MTL, Court, listing his equipment for sale.

HQ-110 Receiver \$125.00
Globe Hi-Bander \$125.00
Simpson Wave meter \$ 15.00
(next page)

Tower and cable (3 section) \$ 45.00
Rotor - AR-22 \$ 15.00
National Speaker \$ 5.00
2 meter H.B. Xmtr \$ 35.00
Also misc. parts

CONTACT: Mrs. Ruth Manning
215-LO. 6-6520

NOVEMBER BIRTHDAYS

W3UMI, Willie Jones, W3AYG, John Harris
K2QDS, Mike Fekete, K3CJV, John Glass-
ford, W3IHT, Doc Stewart and K3BRJ,
Jack Chamberlin. Congratulations.

Congratulations are also in order to
Willie, W3UMI upon his election to
Vice-president of York Road Radio
Club.

HIGHLITES , DIRECTORS MEETING

November 8, 1961

The directors received letters from
four members requesting to be placed
in the Retired Member Status.

Due to the pressure of business they
find that they can no longer remain
on the active member list, but when-
ever possible they will participate
in club activities and call in on the
nets. One request was due to ill
health.

The members on the Retired Member
Status list are;

W3JAY, George Nichols
W3QB, Jay Achenbach
K3GFC, Frank Winkler
K3CIV, Ralph Hersh

Please mark retired next to their
name on your membership list. We
hope that it won't be too long until
they are back on the active list.

HIGHLITES OF REGULAR MEETING

November 15, 1961

The meeting was called to order by
the president, Jack Power who then
called for committee reports.

MEMBERSHIP--W3CL, Harry, read the
letter of resignation from Jim,
W2UZN/3. He also presented the names
of the members placed on the Retired
Member Status list.

Harry then proposed an amendment to
the By-Laws that the membership of
the club be limited to 90, not in-
cluding student and retired members.
This proposal was voted upon and
approved.

He then presented the following ap-
plications for membership; W3CLQ,
Walt Kovacs; W3BYB, George Hooper;
K3NCN, George Kelly, and K3EKK, Louis
Goetz. They were voted upon and
approved. Information for your mem-
bership list will be at the end of
this issue.

We would like to welcome the new
members and hope that they enjoy
their association with the "Pack
Rats".

W3SAD, W3CL and W3KKN gave reports
on the Monday Night Nets and explain-
ed about placing the call-in's in
sectors. By placing them in sectors
it saves time and reduces the number
of times net control must swing his
beam. Remember you may be in sector
1 one week and sector 3 the next. Call-
in's on the two meter net are on the
up-swing, that is a good sign.

K3IUV, Bert, then introduced our
speaker, W2GQK, Jack Sterner who
spoke on "Nuqvistors".

Nuqvistors are of sturdy construction
with low plate current and voltage.
They give low noise figure and have
high GM of 14,000. Short leads to
elements tend to reduce inductance.
Jack recommends the use of 150V B+
with 10,000 ohm dropping resistor to
give 70V in the plate.

MEETING DATES

DEC. 13 BOARD OF DIRECTORS

The Board of Directors meet-
ing will be held at the QTH
of K3IUV, Bert Soltoff on
Wednesday, December 13, at
8:00 P.M., 8582 Benton Ave.,
Phila. If for any reason
you are unable to attend,
please call 215-PI. 2-2619.

DEC. 27 REGULAR MEETING

PLEASE NOTE CHANGE IN DATE!

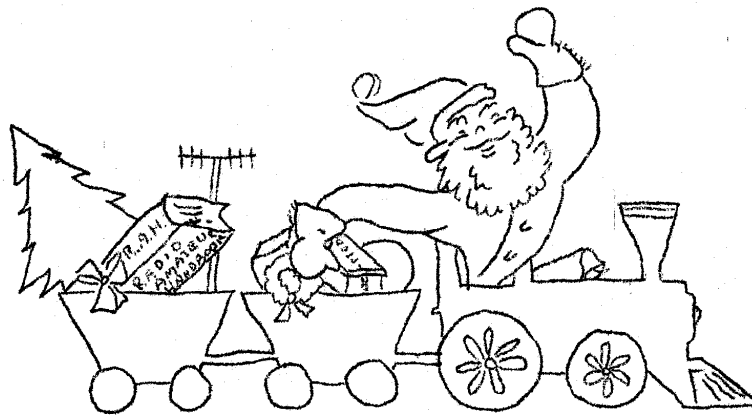
Due to the Holidays the reg-
ular meeting will be held on
DECEMBER 27, instead of the
20th, at the West Oak Lane
Jewish Community Center,
Sedgwick and Thouron Sts.,
Phila. at 8:00 P.M.

The subject of the meeting
will be, "Contest Round-up".

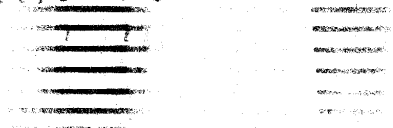
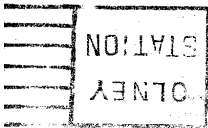
DATES TO REMEMBER

JANUARY 6 & 7, 1962

MAY 5, 1962



Happy Holidays from
Frankie, #380, + Mother Rat



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