

# PACK RATS CHEESE BITS

VOL. I

MT. AIRY V.H.F. RADIO CLUB, INC., PHILADELPHIA, PA.  
(144.2, 50.2 MGS and 220)  
MARCH, 1959

NUMBER 12



The above is the loving cup awarded to the three top scoring members in the January ARRL SS. May I suggest that you cut it out, along with your score and position and hang it in the shack so that you will have something to shoot for or beat next year.

First prize; W3TYX, BUD MCGOLLUM

Score; Contacts, 322, Points 644  
Sections, 18, Total, 18,032

Second prize; W3HYJ, JOE SLOENICK

Score; Contacts, 404, Points, 807  
Sections, 10, Total, 16,140

Third prize; W3KKN, ERNIE KENAS

Score; Contacts, 384, Points, 767  
Sections, 11, Total, 16,107

Fourth and fifth position were taken by;

W3FSC, OSCAR JACOBY  
Score; Contacts, 268, Points, 536  
Sections, 7, Total, 9112

(Note; It was not contacts, but sections that are responsible for positions)

W3SAC, FRANK BRICK  
Score; Contacts, 280, Points, 560  
Sections, 5, Total, 8400

COMMENTS ABOUT THE ARRL V.H.F. SS and

TOTAL SCORE AS COMPILED BY

K2LXI/3, W3CL, W3TNP, W3SAO and myself

Remember after the contest you went to bed, and in your sleep you heard "CQ CONTEST, W???? OR K?????" because you had heard it from 2:00 P.M. January 10th until 12 midnight January 11th? After that died down for us, we saw and heard numbers in our sleep after checking 43 contest sheets and totaling the club score.

We managed to get the score compiled and in the mail on time. A few didn't like to turn them in because they had so few contacts. May I point out that if you only had 5 contacts during the contest, and two sections, your total score would be;

5 contacts  
x2 points  
10  
x12 2 sections, plus 10)  
20  
10  
120 points (total score)

This might seem like just a drop in the bucket to some of you, but add 120 to the other scores and see how it brings up the whole club score. Further on I will show you proof of how just such low scores brought up the total score of the club. Never be ashamed to turn in your score. Even though your score was small this year, you have had an experience which will show you how to improve your technique or equipment.

We, Frankie and I, would like to take this opportunity to thank W3TNP, Bert, for allowing the committee to use her home for compiling the score. Since W3KKN, Ernie, a member of the committee, was in Detroit on business, and some of the scores were at his QTH, we asked Bert for permission to have the meeting at their QTH. Bert was glad to have us, even though we were working. She, along with George, K2LXI/3 and Harry, W3CL, were astounded at the amount of work that goes into compiling the total score. Bert had an idea, because she was always around when Ernie, Frankie and I did them before, but this year we put her to work. We had to go over each score sheet to be sure that, in the confusion, they didn't put one contact down twice, or make a normal mistake in addition and multiplication. We all copied the numbers of each member, and if the five of us didn't get the same answer, we had to do it all over again. That is why we ask the club members to please get their score to the committee members early. The above work is just for one club, imagine what the contest committee at ARRL must do to get the total score for each club in the U.S. and they do it more than once a year. Of course they have computer machines to do the work for them after each club has sent in it's score. Speaking of computer machines, we of the committee, would like

to take this opportunity to thank Dick, W3FQD, for taking the information that we supplied him with, and having it computed, and also arriving at the same total.

(Editor's note) May I, as an outsider, congratulate the club on the number of participants in the contest. Out of 52 members, 43 participated. I don't know about other clubs participating, but I do know that this is a very high percentage. Perhaps the highest percentage of all clubs in the contest. Some of the members were out of town and could not take part, and we know some others lost their beams, and didn't have an opportunity to have them replaced in time. We also know that one member was sick, but he called in on the 11th, to Frankie, and explained why he wasn't on. He only had one contact, but that one contact, one section plus ten, came to 22 points. I don't know how the club will stand in the final scoring, but those 22 points may be just enough to push us ahead of another club.

Congratulations boys, and keep up the good work.

Helen

Well, you have been kept in suspense long enough, so here is the total score;  
185,285

Now, we would like to take this opportunity, to point out how the scores of just a few contacts have increased the total score of the club.

<u>CONTACTS</u>	<u>SECTIONS</u>	<u>TOTAL</u>
4	1	88
15	2	348
9	1	198
6	2	144
1	1	22
		<u>810</u>

The following is what the club score would have been without the low scores.

184, 475 compare with above.

You can see, from the above, why we say no matter how small your score is, send it in to the contest committee.

This is the only contest that the club, as a club, participates in. We know that some of our members are also members of other clubs, and as such, they are free to participate in any other club sponsored activity, such as "Field Day" "DX Contests" and "CQ" Contest, if your club is interested. In the QSO Parties of June and September, you are strickly on your own. The only requirement, as far as contests are concerned, is that you give your V.H.F. SS score to Mt. AIRY.

One thing is sure, we know that sections were hard to make this year. The bands were not open like last year.

This page appears only in the club members copy. We feel that this information is for them only, and not the concern of anyone else.

JANUARY 10 & 11, 1959 V.H.F. CONTEST  
CLUB SCORE

NO.	CALL	CONTACTS	POINTS	SECTIONS	MULT.	TOTAL	BANDS OPERATED
1-	W3AJF	186	372	5	15	5580	2 - 6
2-	W3ASD	87	174	7	17	2958	6
3-	W3AYG	160	320	4	14	4480	2 - 6
4-	K3BGT	81	162	4	14	2268	6
5-	K3BHK	184	368	4	14	5152	2 - 6
6-	W3BQU	71	142	2	12	1704	2 - 6
7-	K3BRJ	4	8	1	11	88	2
8-	K3BVZ	71	142	2	12	1704	2 - 6
9-	K3CHN	110	220	4	14	3080	6
10-	K3CIV	113	226	5	15	3390	6
11-	W3GL	276	552	5	15	8280	2 - 6 #6
12-	W3GLT	50	100	2	12	1200	2 - 6
13-	W3CPT	125	250	3	13	3250	2
14-	W3CXU	130	259	3	13	3367	2 - 6
15-	W3DIR	51	102	3	13	1326	6
16-	W3DRC	52	104	4	14	1456	2 - 6
17-	K3EOD	124	248	3	13	3224	6
18-	W3FOZ	156	312	4	14	4368	2 - 6
19-	W3FQD	202	404	4	14	5656	6 #10
20-	W3FSC	268	536	7	17	9112	2 - 6 #4
21-	K3GOZ	15	29	2	12	348	6
22-	K3GQJ	38	76	2	12	912	6
23-	W3GXB	69	138	3	13	1794	2
24-	W3HKZ	171	340	9	19	6460	6 #9
25-	W3HWV	85	170	2	12	2040	2 - 6
26-	W3HYJ	404	807	10	20	16140	2 - 6 #2
27-	W3HYO	239	478	6	16	7648	2 - 6 #8
28-	W3IBH	236	472	7	17	8024	2 #7
29-	W3IKL	140	280	5	15	4200	6
30-	W3JAY	49	98	2	12	1176	2
31-	W3JSD	174	348	6	16	5568	6
32-	W3KKN	384	767	11	21	16107	2 - 6 - 220 #3
33-	W3KLL	9	18	1	11	198	6
34-	K2LXI/3	151	301	7	17	5117	6
35-	W3MVF	77	154	3	13	2002	6
36-	W3NWF	6	12	2	12	144	6
37-	W3OZP	73	146	3	13	1898	2
38-	W3SAC	280	560	5	15	8400	2 - 6 #5
39-	W3SMK	190	380	3	13	4940	2 - 6
40-	W3TYX	322	644	18	28	18032	2 - 6 #1
41-	W3UMI	47	94	2	12	1128	2
42-	W3VGN	56	112	2	12	1344	2
43-	W3ZRR	1	2	1	11	22	6
TOTAL						185285	

AVERAGE SCORE PER MAN: CONTACTS- 132,953 SECTIONS- 4.372 POINTS- 4308,953

COMPARISON SCORE FOR 1957, 1958 & 1959

1957 -- (Plus 10 multiplier added) 120297 (without multiplier) 50177  
(note improvement of 49649)  
1958 -- (Bands open) 169946  
(Note improvement of 15239)  
1959 -- (Bands closed) 185285

PLACE IN CONTEST 1957, 1958 & 1959

1957 -- THIRD PLACE (First year in contest)  
1958 -- FIFTH PLACE (Second year in contest)  
1959 -- ? (Third year in contest)

If your score is among the missing, let's resolve to have it on the list next year.

CQ CHESTER COUNTY

We of Mt. Airy would like to take this opportunity to congratulate W3DBL, Jim, on his nomination for the "EDISON AWARD". We know how hard you had to work to build up the "CHESTER COUNTY AMATEUR RADIO EMERGENCY NET CLUB". The pleasure received in knowing that you helped to band together a group of Hams for community aid in any type of disaster, is a heart warming feeling.

We know that this is just a nomination, but we will be pulling for you to be on top in the final selection.

Borrowing from "CQ CHESTER COUNTY" an article from "SCOPE", Garden State A.R.A., via "CQ NEWS"; we would like to reprint the following;

The following is an excerpt from the address made by Brigadier General John B. Bestic, USAF Deputy Director of Communication-Electronics, during the recent ARRL convention.

"Hams are among the most pleasant people in the world. 'Sincere, well spoken, knowledgeable, companionable, and likeable' are some of the adjectives that can be applied to them -- but on the other hand Hams are the most opinionated, biased and stubborn people with one track minds. They can always make a military transmitter work better than the manufacturer. I've threatened many times to put a mouse trap inside the transmitter lid to keep you characters out, but then some transmitter would develop troubles defying any normal technician and alas, with my hat in my hand and the mouse trap removed, once more I'd look for MR. HAM and offer to hold his flashlight."

(Comment on above) That phrase "any normal technician" proves the old adage; "You don't have to be crazy to be a Ham, but it sure does help."

NEW CLUB SWAP PAPER

The Mobile Sixers sent us a copy of their paper "SIX ONLY". This is a new addition to the mailing list. Welcome aboard, we are more than pleased to exchange papers with you.

(A friendly tip) Mail them second class mail, 3¢, and save postage. On 60 papers sent out, that is a saving of 60¢.

AMERICAN RADIO RELAY LEAGUE, INC.

WEST HARTFORD, 7, CONNECTICUT, U. S. A.  
(Cont'd next column)

From time to time there are vacancies on the ARRL Hq. staff for qualified radio amateurs. Aside from adequate background, potential ability is more than any particular type of business experience, since our staff positions have little close parallel to those of any other firm. Single young men in their twenties are preferred since in our specialized work it takes a fair period of time to train staff members, and therefore starting salaries cannot be high.

Currently, there is a vacancy for an Assistant Secretary. This is a non-technical, administrative position. The work is interesting and varied. It involves such things as general correspondence with the membership on a variety of subjects such as licensing and regulatory matters, hamfests, League policy, etc.; public relations work including writing of news releases, and assistance to free-lance authors doing stories on amateur radio; general affairs of the International Amateur Radio Union; supervision of the QSL Bureau and issuance of WAC certificates. As the individual gains more background he will be writing and editing non-technical QST copy; traveling occasionally to visit affiliated clubs and attend League conventions; be assigned administrative duties in connection with the publishing operation of the League, and so on.

The ideal candidate is one who has expressed his serious interest in organized amateur radio by at least becoming a member of an affiliated club, and preferably who has had some experience as a club secretary, or as editor of the club bulletin. We'd like someone about 25, preferably single, of pleasing appearance and personality, with at least a couple of years ham radio under his belt, who has completed any selective service obligation, and preferably someone with an ability to express himself well on paper as well as in conversation. Salary will be commensurate with ability. League employment includes customary fringe benefits of free group life insurance, participating hospital and surgical insurance plans, pension plan for career employees, vacations with pay, etc.

Any member of your club who is interested in this position may write the undersigned, marking the letter "personal" Please state your age, marital status, and give a resume of your educational and employment or military-service background, and amateur experience.

Sincerely yours,

John Huntoon, W1LVQ  
Asst. General Manager



FAMOUS LAST WORDS

"I didn't know the power supply was loaded."

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Upon learning that some of the boys received burns while working on their rigs for the SS Contest, I decided that the above should be reprinted from the first issue. There is also one more bit of advice to prevent burns; "When working on the rig keep one hand in your pocket." The best thing to do is to unplug the rig, fix it and then plug it in again, and try it.



OFFICIAL BULLETIN NR 687 FROM ARRL HDQS WEST HARTFORD, CONN. JANUARY 22, 1959

TO ALL RADIO AMATEURS BT.

The Federal Communications Commission has issued a notice of proposed rule making, Docket 12728, to permit Technician Class operation in the amateur 144 Mc band. Reasons cited are more occupancy, possible contributions to technical knowledge and more participation in civil defense activities. The final comment date on this proposal is March 31. Details will appear in March QST.

AR

OFFICIAL BULLETIN MR 688 FROM ARRL HDQS WEST HARTFORD CONN. JANUARY 29, 1959

TO ALL RADIO AMATEURS BT.

Judging for the 1958 Edison Award has been concluded. Julius M. J. Madey, K2KGJ, was proclaimed winner in view of his efficient and continuing service in handling messages with the Antarctic, the far north and Pacific points. Special citations were also announced for Andrew C. Clark, W4IYT, for an outstanding record in emergency organization and leadership, To Kenneth M. Blaney, W6PIV, for satellite reporting and civil defense work and to Loyd A. Peek, W7BA, for his noteworthy communications efforts for service people and others. Presentation of the Edison Award to K2KGJ will be made at a ceremonial dinner in late February in Washington, D. C.

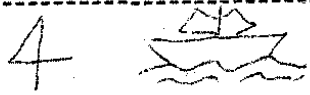
AR

(Note to W3DBL, JIM) Sorry you didn't make it, but you have the satisfaction of knowing you were thought enough of to be nominated.

WANTED: TO TRADE OR PURCHASE

PROP PITCH MOTOR, will swap a 6 meter converter.

For further information on the above, contact; W3ASD, Karl G. Vincent, R.F.D. #1, Smyrna, Delaware, Ol 3-9336



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GONSET #2 -- 2 meter, 6 volts. Just overhauled by Gonset.

Make your offer to; K3BVZ, Ben Chalmers 5128 Sydenham St. Phila., 41, Pa. Gl. 7-1375

WANTED: TECHNICIANS & NOVICES FOR CODE

All members and friends who are interested in improving their code speed to acquire their general class ticket should attend the code classes conducted on Monday and Thursday evenings at 8:00 P.M. All interested parties should contact;

W3IXL, Ellis Hersh  
8435 Cedarbrook Ave.,  
Phila., 18, Pa.  
Ch. 7-7325

Classes are conducted in his QTH.

NET CRYSTALS

Any member desiring to obtain crystals for the club nets should contact;

W3SAO, Frank Brick  
829 W. Fishers Ave.,  
Phila., 41, Pa.  
Da. 4-7524

144.2 & 50.2 Fundamental Frequency.

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The following are the names and addresses of two new members that I forgot to put on the list. Please add them to yours.

K3GGZ, Herman Klein  
7277 Lynford St.,  
Phila., 49, Pa.  
Fi. 2-8571

K3BGT, Harvey Rosen  
2345 S. Franklin St.,  
Phila., 48, Pa.  
Ho. 2-1829

So solly, beg humble pardon. Send me some shame so I can hang down my head.

# RAT SQUEAL

By  
W3SAO



Have you heard the new phonetics used by W3NWF, Leo? They are "Newly Worried Papa." We will inform you later whether it is pink or blue.

Sally, the XYL of W3SMK, Jim, is working on a Braille Manuscript, her final examination towards becoming a certified Brailist. Best of luck to you, Sally.

W3JAY, Doc, gave his talk on "Shock, and It's Effect on The Heart" on Sunday, Feb. 15th at the Holy Trinity-Bethlehem Presbyterian Church in Phila. This is the same talk that he gave at the club last March. Doc is the second member of our club to give a talk at this church. W3IHT, Doc, spoke there last year.

Speaking of Doc, W3IHT. Wha' hopen, haven't heard you for awhile.

Sorry to hear about Doc's, W3CLT, added troubles. His daughter, who was helping with her mother, recuperating from her unfortunate automobile accident, broke her ankle while skiing. Doc is now chief cook and bottle washer, along with taking care of his practice.

No we're not crazy mentioning Doc, Doc and Doc. We have three doctors who are members of the club. W3IHT is the head doctor, (Psychiatrist), W3CLT is the foot doctor, (Chiropedist) and W3JAY is the in-between doctor. (Gernerel Practitioner) Is there a doctor in the house?

W3AJF, Horace, burned his fingers working on his rig for the SS. Sorry to hear it.

W3VCC, Jack, also got burned fixing his modulator. Never did get on until the last minute of the SS.

Just have to squeal on K3GCZ, Herm, a new member. Herm has a son with the handle Ron, also the call K3ENT. Ron is getting married in September, so far so good. He will be living with his in-laws for a while, who are setting up a shack for him

in the basement. Nice family to marry into. The only trouble is his in-laws live across the street from us. It's not that we don't like Hams, we love them, but not so close. Herm and Ron both assure us that his peanut whistle won't bother us. Congratulations on your'e coming marriage, Ron.

Have you noticed how the attendance on the Monday night nets is growing? The six meter net we didn't have to worry about, that was always well attended, but the two meter net is really starting to grow. The nets are only one night out of seven, and as you have found out they do contain a lot of information. You find out who needs equipment, important information from the ARRL or FCC, which is too late, or expiration date is too soon for "Cheess Bits", and friends who need antennas raised or repaired.

## L A N D I T E S



The one big social event of the year! This is to show our appreciation to the XYL's and YL's for putting up with our leaving them alone, while we QSO'd with other Hams throughout the country, and also giving us free reign for the contest. Remember, you do not have to have a lady to attend. This dinner is a tribute to the ladies of our members.

Join us and make it the success it was last year.

If you were not able to attend the meeting of February 18th, you will find all the information needed, such as price, time, and place, on the next page.

All we ask is that if you are going, please get your reservation in early. You can make your reservation either

LADIES NITE CONT'D

with W3KKN, Ernest Kenas  
2823 Old Welsh Road,  
Willow Grove, Pa.  
Ol. 9-3485  
or- W3JSD, John Houser  
612 Pinney Road,  
Huntingdon Valley, Pa.  
Wi. 7-0677

This affair is open to all our friends,  
it is not restricted to just the club  
members.

DATE: SATURDAY EVENING APRIL 11, 1959

PRICE: \$4.00 per head

TIME: 7:30 P.M.

PLACE: SOUTHWARK A.C.  
ST. VINCENT ST. & BOULEVARD (U.S.1)  
(2 blocks south of Cottman St.)

FULL COURSE ROAST BEEF DINNER

FLOOR SHOW                      DANCING

CARD FROM ONE OF OUR ROVING RATS

Received the following card from Ralph,  
K3CIV, who is visiting his daughter in  
Kansas City, Missouri.

" Hi. Here's one for the Cheese Bits.  
There are 2 hams within a block from my  
daughter. Yesterday thru K0CRC spoke to  
the folks at home via W3KKN. Then went  
to K0ORB, who also is on 6, and contacted  
10 hams; one K0BWU who had a QSO with  
Dick, W3FQD, and K0LIH who had a QSO  
with Bill, W3VIR and myself. Fine bunch  
of boys out here. See you in three weeks.

73,  
Ralph"

THE AGE OF FLYING

or

A QUICK TRIP TO ROCHESTER

It seems that a few weeks ago our travel-  
ing salesman, Jim, W3SMK had an important  
business engagement in Rochester, and  
since the airplane is the fastest means  
of transportation, he flew. As the plane  
neared Rochester, they were told that  
because of bad weather, they were being  
rerouted to Buffalo, where a bus would  
pick them up and return them to Rochester.  
A distance of about twenty miles. On  
they flew unaware of what was in store for  
them. As the plane neared Buffalo, you  
guessed it, they could not land because of  
the weather. The plane was rerouted to  
Pittsburgh, Pa. On arrival there about  
seven of them took a bus to Rochester.  
They were all having a good time, making  
the best of a bad situation, even side-  
swiped a Cadillac, no damage to the bus.  
The bus arrived in Rochester about noon -7-

the day after Jim left home. Needless to  
say, he never did get to keep the appoint-  
ment, he just turned around and came  
home.

MORAL: Make that next trip by bus.

Past Events

FEBRUARY MEETING

At the meeting of February 18th the pro-  
posed amendments to the Constitution  
and By-Laws were voted upon and accepted.

Joe, W3HYJ, gave a talk and demonstrated  
his new six meter convertor. Understand  
that his talk was so interesting that  
you could hear a pin drop. Joe said  
that he will give the schematic to any  
club member desirous of building one.

Applications for membership were re-  
ceived from K3EMR, Gus, and W3BRU,  
Frank.

Welcome home to Ernie, W3KKN, his trips  
to Detroit are completed.

Glad to hear the good news from Doc,  
W3CLT, about his XYL, Hannah. Under-  
stand that she is now walking a little,  
and except for a few headaches, is pro-  
gressing steadily. Hope that your  
daughter is coming along just as good.

A report from Ellis, W3IXL, about his  
code class shows that two SWL's are  
first class students. One is up to 10  
words a minute and the other has passed  
his test for General. It seems that  
working together on the code helps a  
great deal in increasing the speed.

We are now in the process of setting up  
our second code class for the Boy Scouts  
of the West Oak Lane Jewish Community  
Center. Night and time will be announced  
later.

At the next Board of Directors meeting  
the XYL's of the Directors and all the  
people who will serve on the Picnic  
Committee will be invited to attend.

Hey Horace, W3AJF. Hear you asked Frank  
what was the matter with me that I didn't  
hear the six meter net on February 16th.  
It happened this way. I enjoyed the QSO  
that you and Jim, W3SMK, were having on  
two, between nets, so much that I changed  
convertors but forgot to change the B  
plus. I did get them as Ray, W3ZRR, can  
prove, because something happened and I  
called him on the landline about it.  
Spring is coming and when the shame is  
high enough, pick some and send it to me  
to hang my head in. HI, hi.

This is the continuation of W3HKZ's contribution to last month's issue.

### RANDOM SHOTS

Communication reception over much greater distances than now possible and communication with space vehicles is promised from experiments with man-made rubies. The "ruby-maser2, a low temperature device said to be able to outperform electron tubes and transistors, has been developed. The maser harnesses the gyroscopic motion of electrons at near zero temperature to amplify very weak radio signals. Sensitivity is such that the instrument can detect the small natural radio emission from objects warmer than the ruby. It reportedly can discern radiation from cool matter a short distance away or from invisible stars thousands of light years distant.

The Office of Civil and Defense Mobilization advised the FCC that it supports the proposal to use the frequencies in the 220-225 mc Radio Amateur Civil Emergency Service band for radio remote control of base stations. It also endorsed authorizing 6F2 emission in the 50.35 to 50.75mc band.

Philco Corp. has developed a system of compatible AM stereophonic broadcasting, according to company officials. In the brief filed with the FCC, the company said that at the transmitter end, two separate audio signals would be amplified identically, and then applied to two separate, identical modulators. The carrier wave from a master oscillator would be amplified, split into two components 90 degrees out of phase and each component would be applied to its own modulator. Outputs of the modulators are then applied to and combined in a diplexer. When the signal is monophonic, both inputs are identical, and the carrier is simply amplitude modulated. If the signal is stereo, the two tracks differ, and the carrier is both amplitude and phase modulated. The receiver has an additional phase reference demodulator.

Experiments have been performed over a path from Boston to Columbia, S.C. Transmissions from Boston on 49mc (5kw) and on 74mc (3kw) were monitored simultaneously at Columbia. Five-element Yagi antennas were used in all cases, and the receiver outputs were recorded. In addition to the meteor bursts, an ionospheric-scatter background signal was observed on 49mc, while negligible ionospheric-scatter was observed on 74mc. The ionospheric-scatter component in these measurements appeared as a kind of variable background noise with which

the meteoric component in the 49mc band would have to compete with. If one considers ionospheric-scatter signals as noise, then the signal-to-noise ratio is independent of the transmitter power, while the signal-to-noise ratio for cosmic noise may be increased by increasing transmitter power. Thus it would be possible to increase the signal at 74mc by increasing the transmitter power, but on 49mc an increase in power would increase the signal only at those times of day when ionospheric-scatter background is not the limiting factor. It is believed that these observations constitute a strong argument for the use of higher frequencies for meteor-burst communications.

If a transmitter could be built having perfect frequency stability, the signal would nevertheless vary in frequency at the receiving end. The variations would be caused by the up-and-down movement of the reflecting layer of the ionosphere, creating a Doppler effect and by variations of electron density in the atmosphere, causing changes in propagation velocity.

A novel tube that tells time has been developed for measuring how long equipment or components have been operating. The tube consists of a small electrolytic cell containing a colored electrolyte, of which changes with the amount of dc current that has passed through it. At any time during the life of a particular piece of equipment, its "age" can be determined to within 5% simply by unplugging the cell and measuring its color with a colorimeter. The device should prove particularly useful in obtaining reliability data, so that lifetimes of components and modules can be predicted and replacements made before a failure occurs.

More 6 meter DX to look for-

Arkansas - K5IPL, K5KJE and K5AJF

Colorado - KØJSD

Georgia - K4DLE and K4KLD

Iowa - KØGOW

La. - K5AEY

New Hampshire - W1VEX

Rhode Island - W1WTR

So. Carolina - K4HEA, W4VIW and K4QIJ

Vermont - W1FMX

West Va. - K8HRO, W8KNG and K8GXR

Ontario - VE3DSU



Just received the February Issues of "C Q Chester County", and "Six Only".

TO DISPELL A RUMOR

In the January issue of "C Q Chester County" there was a questionnaire about the paper. Florence, W3DBN, in answer to your question in the February issue as to why you received no reply from some. The reason I did not fill it out is that we file all copies of swap papers, and to fill it in and cut it out would have spoiled the issue for the file. I feel sure that you know how we feel about your paper, for from reading Cheese Bits, there are many quotes from your paper. You may have also noticed that credit is always given to our source of information.

It has been reported to us that a rumor is going around that the Mt. Airy V.H.F. Radio Club is against technicians. It must be pointed out that out of 52 members, 25, at least, are technicians. We don't know where or how the rumor started, but we would like to put a stop to it. It may have started by someone hearing individual opinions of the ARRL proposal to allow technicians on the lower part of the 2 meter band. Whoever started the rumor did not stay tuned in long enough to hear the reason for the ARRL proposal. Their reason for allowing technicians on the 2 meter band is to prevent it's being turned over to the Army. It may be pointed out that the holders of General Class are not occupying the band enough.

There was also a request about CD communications on 2 meters in this issue. I know that Philadelphia has a CD Net on 2 each Wednesday. Frankie and I both are listed with CD Communications, but we were very definitely told, on the air, that we are not to call in until we get a number from the CD Coordinator. We have been waiting three years for a number, which we have not as yet received. Where do we go from here? Perhaps you can answer it.

I like your paper just the way it is, so don't make any changes.

Helen, Editor  
XYL W3SAC

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Coming Events  
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MARCH MEETING

The regular meeting will be held at the West Oak Lane Jewish Community Center, Sedgwick and Thourcn Streets, on Wednesday March 18th at 8:00 P.M.

Our speaker will be Rod Buggy. His topic will be announced on the nets. Be aure to listen in and also call in and be a part of them.

A vote will be taken for applications to membership.

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"SIX ONLY"

In the February issue there is a very fine write up on "Phone Patches" by W3HKZ, Ed., including a fine schematic. Personally I am in favor of Phone Patches for relaying messages first hand, especially from service men overseas to their families, men in the Antarctic to their families and also families separated by states. Without the use of Phone Patch, K2KQJ, Julius Madey would not have received the Edison Award. It should be pointed out that there are some Hams that do not use it in the proper manner, and that therefore I feel that we should reprint, from the November issue, the Bell Telephone's opinion on Phone Patches.

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AMATEUR RADIO TV PROGRAM

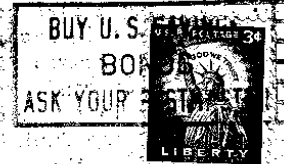
A meeting is being held tonight, Feb. 19th, at the QTH of K2EID, George's Plans will be laid out for the TV Presentation of Amateur Radio for showing on channel 10 on April 18th. No one club will get a special recognition. This is a co-operative program. We only hope that it will not be presented at 2:00 A.M. as was their program last year.

At our meeting of October 15th our speaker was Joe Welch from the FCC and his topic was the "Indiscriminate Use of The Phone Patch". Bob, W3GKB, an employee of the Bell Telephone Company, Communications Department, gave the Phone Company's view on Phone Patches. They are positively illegal. If you have a phone patch and are causing TVI, BCI or interrupting a party line, the Phone Co. will remove the instrument from your house, and you cannot have it replaced.

OK boys, take it from there. All I can say is; be sure you are TVI and BCI proof, and have a private phone line.

W3HKZ is also a Pack Rat.

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