

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

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DIRECTORS' MEETINGS are held on the second wednesday of each month at designated locations at 8:00 P.M.

MONDAY NIGHT NETS:
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thru FRIDAY, 50.2 Mc. by
W3CL, Harry Stein

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(EX-OFFICIO)

PHILA. COUNTY ARPSC

GENERAL MEETING, first wednesday of each month, 8:00 P.M.

PLANNING MEETING, fourth wednesday of each month, 8:00 P.M.

EC: W3PST, Woody Haldeman
1732 Loney Street,
Phila., PA 19111
215- RA. 5-1106

ASS'T. EC's-K3ZXO; W3INW, Charles Emley; W3FPC; W3ISN, Bud Heilbron; W3KQE; W3AAU; K3EIF; K3FYS, Mollie Silverstein; W3ELI, George Van Dyke, Jr.

(Known handles supplied by editor)

COMMITTEES

Special Events	K3ZXO
Meetings	W3FPC
10 Meters NCS	W3GPD
6 Meters NCS	W3ELI
2 Meters NCS	K3OLS
Red Cross Liaison	W3INW
RACES Liaison	W3PST
MARS Liaison	W3ELI
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Public Information	W3AAU & W3ELI
Handbook	W3ELI
NTS Liaison	W3KGE

SURROUNDING COUNTY EC's:

Delaware	W3FLP
Bucks	W3ICC
Montgomery	W3HIU

The first public service communications project, between the city and ARPSC, took place from December 15 to 23, 1966, under the direction of K3WEU, Paul Behrmann.

From the Phila. Inquirer, December 12
RADIO TO LINK OFFICIALS, GI's

Three high ranking city officials will avail themselves of the "ham" radio program set up by the city for Philadelphians to send Christmas greetings to their sons serving in Viet Nam.

The program opens a noon Thursday, (Dec. 15) on Room 121, City Hall. Each person may send a 20 word message.

The three officials are City Councilman, Gaetano P. Giordano, Registrar of Wills, John E. Walsh, Jr. and Welfare Commissioner, Randolph E. Wise.

From The Evening Bulletin, Dec. 15

A "ham" message center was set up in Room 121 of City Hall to send up to 20 words free to servicemen at home and abroad.

The transmission of messages will be arranged by the Amateur Radio Public Service Corps of Philadelphia County and the First U.S. Army Military Affiliate Radio System.

The sender can write his own 20 word message or send one of five prepared messages listed on the back of the form.

The Official Ceremony took place at noon in the Mayor's Reception Room, (202 City Hall) with the following participants; the above mentioned city officials; WA3ATQ, Harriet Creighton; K3WEU, Paul Behrmann; W3PST, Woody Haldeman; W3ELI, George Van Dyke, Jr.; WA3AWW, Bill Letwin and Me. (I crashed the party).

I understand that over 2000 messages were sent.

The second City-ARPSC-MARS message program is all set up and ready to go. This program differs from the

Christmas Message handling in only one respect. It is a program designed to present the City of Philadelphia as a Convention Center and Vacation spot. The messages are for the "visiting firemen". As in the first program the message is limited to 20 words and if the sender cannot think of any message of his own, he can use any of the prepared messages on the back of the form. This program is a year round project and not limited to any special time of the year.

The following letter speaks for itself;

Dear Mother Rat:

I just recently got out of Temple Hospital after being there for 35 days with ulcers on both legs and feet.

While in there I met an old ham buddy, K3KPB, Ted Bridges, an old timer from way back in ham radio. He first got his ticket in 1924 in his home town of New Bedford, Mass. He dropped out of ham radio for some years and later got the call K3KPB. His QTH is 1603 W. Tioga Street, (Phila., PA 19140). He is retired from work and is 69 years old.

He is on Social Security but he only gets \$107.00 a month which is hardly enough to keep body and soul together. That amount is for him and his wife. He has a daughter who is a nurse in a home for the aged. She helps to pay the rent for her dad of \$80.00, but she doesn't make much so she can only help so far. After he pays his expenses each month he only has about \$27.00 to live on for him and his XYL.

He is in a bad financial situation as he has to buy medical supplies for himself and he doesn't have much money. I have given to help his family to his XYL, as he is a proud man and has always worked and don't want any hand-outs. It cuts him deep when anyone wants to help him. The fellows at the hospital took up a collection for him and when they gave it to him, he cried.

He has cancer of the throat and rectum and has been operated on 3 times in the last 6 months. His spirits are high and he is always smiling even thru pain-unGodly pain-. The doctors told me he has a fighting heart and that they don't know what keeps him alive at his age with all his troubles. Believe me, to see him smiling shows the guts he has. It's unbelievable.

Any help that we can get for him must not be mentioned on the air as he may be reading the mail at his QTH.

He has a Utica 650 transceiver with VFO in very excellent shape, a 3 ring Halo and an aluminum mast 63 feet up. He wants to sell the complete station for \$150.00 as he needs the money badly to live on. The equipment is well worth the price, believe me. If you could please run an ad in Cheese Bits Swap & Shoppe for the equipment and another article for donations of any amount to help K3KPB, Ted, it would sure be swell of you, as he is one sell guy, believe me, the real spirit of ham radio. Then may God bless you.

73,
(Sig.) George "Bud" Smyth, K3KDF
2131 E. Monmouth Street,
Phila., PA 19134

P.S. He is now unable to speak but they are fitting him for a voice box at the hospital.

(Editor's Note: Ted now has his voice box. Regarding the equipment that he wants to sell, I have an idea which you may think far-fetched and crazy, but if I could do it, I would. Assuming by the time you read this it has not been sold, it would be a very generous gesture if someone who can afford to buy it, one who doesn't need the equipment, do so and then forget to pick it up, thereby leaving him one small pleasure in life. This would really be "the true spirit of ham radio."

Send any contribution, small or large to: Mrs. Ted Bridges
1603 W. Tioga Street,
Phila., PA 19140

If you do not care to contribute, send him a QSL card.)

Remember: "THE HELPING HAND IS AT THE END OF YOUR ARM."

THINK ON THESE THINGS

From Bandsread, Marina ARC, Torrence, Cal.

The difficulties of life are intended to make us better -- not bitter.
No one grows old by living -- only by losing interest in living.

ARRL BULLETINS

NR 89, Dec. 1, 1966

A reciprocal operating agreement is now effective between Panama and the United States.

NR 90, Dec. 8, 1966

Attention VHFers. The long continued moonbounce efforts of VK3ATN paid off on November 28 when a 6 minute QSO was completed with K2MWA/2, the Crawford Hill VHF Radio Club. The distance was 10,300 miles on 144 Mc., almost double the previous record, and set a new moonbounce distance record, regardless of band. Antennas were a large stacked rhombic at VK3ATN and a 60 foot dish at K2MWA/2. Further information will appear in January and February QST. AR

NR 92, Dec. 22, 1966

All amateurs in the ARRL Field Organization are urged to take part in the annual Novice Roundup to be held February 4 through February 19, 1967. The leading Novice in each section will be awarded a certificate of achievement. Page 55 of January QST has all the details on how to participate. Send a postal card or radiogram to ARRL for free contest forms and a map of the United States. Address your requests to the ARRL Communications Department, 225 Main Street, Newington, CT 06111. Be sure to include your zip code with your address. AR

NR 93, Dec. 29, 1966

All amateurs are invited to participate in the 1967 ARRL International DX Competition, the first and third weekends of February and March. Major rules changes include dropping of the c.w. quota, Hawaii and Alaska reverting to DX status and a change in multipliers for DX stations from call areas to states and provinces, as noted on page 56 in January QST. When requesting the new convenient logging sheets please be sure to include your zip code along with your address. AR

NR 94, Jan. 5, 1967

A reciprocal operating agreement is now effective between the Netherlands 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 United States has previously reached reciprocal agreements with Australia, Belgium, Bolivia, Canada, Colombia, Costa Rica, the Dominican Republic, Ecuador, France, Germany, India, Israel, Kuwait, Luxembourg, Nicaragua, Panama, Paraguay, Peru, Portugal, Sierra Leone and the United Kingdom. Many others are being negotiated and successes will be announced as they occur. AR

NR 95, Jan. 12, 1967

Attention DXers. Announcement is hereby made of an addition to the ARRL Countries List. The addition is Farquhar, formerly one of the Seychelles, is now one of the islands making up the British Indian Ocean Territory. Contacts made with amateur stations on Farquhar November 10, 1965 or later will be counted as separate from the rest of the Seychelles. Honor Roll credits for Farquhar QSLs may be claimed in March, all others in accordance with ARRL DXCC submission rules announced in January, 1966 DXCC Notes. AR

GRAB BOXES

The terrific grab boxes that have been sold to our members at the various meetings are the result of the generosity of some of our members. If you have a dozen of any one item that you want to donate to make up more boxes, turn them over to K3GAS.

The following have contributed;

- | | |
|-------|-------|
| W2AXU | W3SAD |
| W3CL | K3WEU |
| W3ELI | K3WGK |
| K3GAS | |

Look through your surplus NOW!

DID YOU KNOW

That W3AJF, Deac, had a heart attack and was in and out of the hospital?

That K3AFT, Joe, also had a heart attack and he is now at home?

That K3HWZ, Grandpop, was also in and out of the hospital?

That K3ABK, Sam, was in and out of the hospital?

Come on, boys, cut it out, let's stay home. Speedy recovery to all of you.

That K3WEU, Paul, accepted the Legion of Honor Award from the Chapel of the Four Chaplains on Sunday, January 29?

HOW COME 50 OHM COAXIAL CABLE?

By W2AXU, Jack Power

Have you ever wondered why we use 50 ohm coaxial cable as a standard? The "why" becomes quite logical once the facts are examined.

The impedance of a coax line is determined by the ratio of the diameter of the inner conductor to the inside diameter of the outer conductor and by the dielectric constant of the medium between these conductors. Air, for instance, has a dielectric constant of 1.

Cables of different characteristic impedances are best for certain requirements. If power-carrying capacity is required, a cable having a conductor ratio of 1.65, which is equal to an impedance of 30 ohms, would be used.

Requiring the lowest attenuation for the transmission of r-f energy, a ratio of 3.6, equaling 77 ohms, would be the best choice. A cable for use with the highest voltage breakdown characteristic would have a ratio of 2.7 corresponding to an impedance of 60 ohms.

If one looks at all of the various characteristics, it appears that a cable of 50 ohms impedance is a compromise. A 50 ohm cable has about 10 percent more attenuation than the 77 ohm cable, about 1 or 2 percent less voltage handling capacity and approximately 20 percent less power handling capacity.

However, another possibility arises. In the early days of UHF and microwave work, large powers were not available so the lowest loss type transmission line was used. This was 77 ohms. Later as low-loss dielectric materials were developed such as polyethylene, they were used to fabricate flexible coaxial cable. Polyethylene has a dielectric constant of 2.3. Putting this into the formulas for determining the characteristic impedance of a coaxial line, the answer turns out, strangely enough, to be 51 ohms. For those interested, this formula is $Z_0 = \frac{Z_L}{K}$ where Z_0 equals the characteristic impedance of the cable, Z_L equals the characteristic impedance of the air line and K equals the dielectric constant of the material.

The formula for determining the characteristic impedance of coaxial cable is $Z_0 = \frac{138}{K} \log_{10} \frac{D}{d}$ where D equals inside diameter of outer conductor and d equals diameter of inside conductor.

MOBILE WHAT?

By WA3BIV, Carl Barish

Cq cq cq from WA3Biv WA3BIV in Phila. Pa. calling

Cq cq cq from WA3BIV WA3BIV in Phila. Pa. calling

Cq cq cq from WA3BIV WA3BIV in Phila. Pa. calling and listening

"WA3BIV WA3BIV from K3JJZ/M over Boston. Wat sa Carl."

"K3JJZ/M over Boston from WA3BIV. Howdy do El. I guess you are on your way home from work. The traffic must be miserable up there. The Sunday drivers are out early this week. I wonder how you did in the contest. BK."

(next page)

MOBILE WHAT? (cont'd)

"Break, break."

"WA3BIV from K3JJZ/m Good evening, Carl. We have a breaker in there so let's see who it is."

"K3JJZ and WA3BIV from K3WEU, the bashful one. I just broke in to correct El's procedure before he hears from the wrong people. You know I am an OO and I don't want to see you get a citation. So let's do it right. K3JJZ/AM over Boston with WA3BIV on the side, this is K3WEU."

"K3WEU, WA3BIV on the side, this is K3JJZ/M in Hartford, Conn. Paul, I am in a Jetcar and I will be changing modes of travel from time to time and I wish you would tell me the correct procedures. Remember I can travel on roads, over water, in the air, and in space. K3WEU with WA3BIV this is K3JJZ/M just south of Hartford, Conn."

"K3JJZ/M with WA3BIV, this is K3WEU. Well El, it isn't hard. When on land it is /M; over water it is /MM; in the air it is /AM and when in space /SM. The location is approximate and usually a well known place. Remember you only have to identify every ten minutes or when you change modes of travel. K3JJZ/M with WA3BIV on the side, this is K3WEU."

"K3WEU, WA3BIV this is K3JJZ/AM over Stamford, Conn. Thanks, Paul, for the info, I will try to be a good boy. How do you do it, Carl? BK."

"I am no longer mobile. I think you will see why soon. BK."

"OK, Carl, I did fairly well in the contest. This is K3JJZ/MM in L.I. sound. I made 459 contacts and this is K3JJZ/M in NYC--and 25 sections. This is K3JJZ/AM over Newark. I was surprised that --K3JJZ/M on the N.J. Turnpike-- 6 opened up like it did. This is K3JJZ/MM in the Delaware River. It was open long--K3JJZ/M on the Pa. Turnpike--enough to be able to--K3JJZ/AM over Trevoise--no, Langhorne--work the fellows--K3JJZ/M in Phila.--that--K3JJZ/AM over Phila.--K3JJZ/M in Phila. is fed up." CLICK!!!!!!!!!!!!

ESSAY ENTITLED
"HE WHO KNOWS..."

Submitted by K3GOZ, Herman Klein

(Herm's comments)

I find in this (a bit) twisted, but appreciable piece of Philosophy; a sufficient amount of sense that reveals it can be applied as a gauge to many people in all walks of life.

Including those holders of an amateur radio license, issued and extended in this wonderful country of ours, by a unit of the U.S. Government, known to the multitude as "The Federal Communications Commission."

This license, a courtesy and not a privilege, so very many times misconstrued by some, that it helps create a constant threat and menace so detrimental to the welfare and very existence of Ham Radio.

By application of simple but intelligent interpretations, cast by the essence of this Essay,-- one can readily denominate as to which of the four categories he may like or dislike to conceive with.

Amen
Oih Vey

Happy New Year Everybody
"Herm the Germ" K3GOZ

He who knows not--and knows
not he knows not,--
he is a fool--shun him;
He who knows not--and knows he knows not,--
he is simple--teach him;--
He who knows--and knows not he knows,
he is asleep--wake him;
He who knows--and knows he knows,--
he is wise--follow him!

--Arabic Apothegm

COMING EVENTS

FEBRUARY MEETING: W3OZP, BILL MILLER RELATES HIS TRIP TO EUROPE WITH SLIDES.
XYL's are invited to attend if they so desire.

MARCH MEETING: K3IUU, BERT SOLTUFF. TOPIC TO BE ANNOUNCED.

LADIES' NIGHT: APRIL 15, 1967, RESERVE THAT DATE NOW!

AUGUST MEETING: WHITE ELEPHANT SALE. (6)

Submitted by W2AXU, Jack Power

From The Hamster News Letter

WA7JJD might be interested to know that his article on his 6 meter loop appeared in the Pack Rats' Cheese Bits, a publication of the Mt. Airy VHF Radio Club, Inc., Philadelphia, Pennsylvania. This club is one of the top VHF clubs in the country. They are active on 6,2,220, 432 and 1296. Check their contest scores. WDW!

(Note from Jack) Nice to know how a midwest club considers the Pack Rats.

(Note from Ye Editor) It would also be nice to know how we fared in the '67 SS. All I know is that the score was over 700,000 points.)

SUN SPOTS

By W7FUF

From The Loggers Bark, Radio Club of Tacoma, Inc.

When Chuck Emigh, W7ER, entertained the Radio Club at the October 12 meeting, his keen interest in sunspots not only opened a new field of thought for most of us but left me with a desire to know more about the subject. At first I thought I'd write an article to enlighten anyone else who knew as little as I, and wanted to know more. But, to mention the subject to anyone, brings forth books, cherished articles, and further reference that is overwhelming, for one cannot think of sunspots without involving the whole galaxy.

This glowing globe of gas known as the sun, located 93,000,000 miles from earth, is the center of our solar system. The time of the rotation of the sun is determined by the rate at which sunspots are seen to swirl and move across its surface. Besides rotation, the sun is moving through space among the stars at a speed of about 12 miles a second, or 43,200 mph with respect to the nearest stars. The earth, with the other planets, is carried along with the sun so that the actual path of the earth's motion in space is a gigantic HELIX or spiral-like curve, resembling a winding staircase. At the beginning of each year the earth is not at the same point but is about 380,000,000 miles farther on its journey through space. It is also probable that this group of stars, within which the sun is moving, circulates about the center of its galaxy (the milky way), in about 200,000,000 years.

This whole mass of nature is playing tricks on amateur radio, but amateur radio is also on the threshold of action, experimenting with new techniques that might overcome the difficulties. Sunspot monitoring, satellite reflections, moonbounces, probing the Ionosphere, orbital scatter communications, and various projects, might hold the key that will permit amateur radio to hurdle new communication frontiers.

The electrified region, high in the earth's upper atmosphere, called the Ionosphere, acts somewhat like a mirror that reflects short wave radio signals over great distances. The Ionosphere's intensity depends upon ultraviolet radiation from the sun. The more radiation electrifying it, the better are shortwave radio conditions. There are year-to-year changes over an eleven-year cycle and these changes are due to the difference in the number of sunspots seen on the face of the sun.

The current cycle, (the 19th, observed since accurate records have been kept) reached a record-breaking peak during March, 1958, then declined steadily, reaching its minimum peak in 1965. This means that it is on the rise again, but it is predicted that solar activity may remain at a relatively low level for the remainder of the century on high frequency bands, 6, 10, 15 and 20 meters. However conditions on 40, 80 and 160 meters will be greatly improved.

So, no matter what your interests are in ham radio, most of the end results are determined by solar activity. You don't have to be an astronomer to keep track of sunspots, yet few amateurs delve into the subject.

By keeping daily monitor records of the sun's activity, anyone interested enough to build himself an aurorascope can be aware of the approach of an auroral activity. The sight of a cluster of sunspots is a good indication that within the following 26 days, dx-ing will be good.

Altho we do not anticipate history-shaking events such as occurred in 1958, we could plan to make the most of the openings when they do come. These dark spots on the sun's surface give a fairly accurate indication of the general strength of the Ionosphere. The Ionosphere is electrically strong and shortwave radio conditions very good when the sun's surface is covered with many spots.

(Next page)

Anyone interested in building an aurorascope for the sheer self-interest in monitoring sunspots, check the July 1964 issue of "CQ" magazine. The lenses cost only \$4.10 and the balance is made from $\frac{1}{4}$ inch plywood.

(Editor's note: I question the statement, "it is predicted that solar activity may remain at a relatively low level for the remainder of the century on high frequency bands, 6, 10, 15 and 20 meters."

If, as previously stated, the maximum peak is reached every eleven years, why not again in 1969, which I am positive is 11 years after 1958 and before the end of the century? Anyone care to expostulate?)

POINTS TO WATCH IN SSB OPERATING

From VOX, Huntsville Amateur Radio Club, Alabama

Time was when just to HAVE voice equipment involving "sideband" was a status symbol and identified with progress! Sure enough ssb has the capabilities for spectrum saving and the extra punch that spells intelligibility (we hope) in the pinches. But the honeymoon days are over and MISUSE of the operating controls, as well as misadjustment and failure to follow instruction Books lately brings us sad tales. Splatter flat-topping longer call lists from the OO's about the cards they send.

We're proud of the generally good reputation maintained by Official Phone Station Operators in the use of ssb as well as AM...to observe care in station operating. Exemplary work technical and procedure-wise is a responsibility for all SCM appointees--and thanks to all. But to hit at the reported conditions we expect, we'll soon have to devote some Op-News space in QST, to report certain earlier pointers--about ssb operating.

WATCH FOR SSB SIDE EFFECTS - May we ask the 1300 club secretaries who get this bulletin the MENTION this subject and make appeals for care in ssb operating--and a personal review of both the customary adjustments, and (as important) the personal precautions that should be religiously followed when operating:

1. AVOID the practice of turning up the gain "to be heard better" where the result is OVERDRIVING, peak flattening and a spread spectrum, (Such signals are LESS READABLE than a clean signal...also disrupt and interfere with channels either side!)
2. SEE WJDF's article Nov. '62 QST (p.11) "How to Run Your Linear." Final amp. plate current in an ssb rig should swing no more than 50%-of-peak with the average voice. An audio compressor ahead of the ssb exciter will do more to avoid generating spurious products than ALC whose adjustments may change with loading.
3. Too much dependence on ALC with a high gain-control setting or too much i.f. gain in the ssb exciter can produce those spurious products. Also the mike that has undesirable peaks in its response curve can be suspect, or having the mike too close to the mouth when talking.

CHECKING SIGNAL QUALITY WITH THE RECEIVER (Mar. '63 QST) is a good article to review. With the rig on a dummy load distortion or non-linearity becomes quickly apparent if present. See also two articles in Nov. '65 QST.

(Note from Jack; This expresses my thoughts exactly.)

THIS PUBLIC SERVICE JAZZ

From Florida Skip

While tuning across the six meter band a few days ago heard a station make the following remark. "I'm getting a bit tired of this amateur public service jazz. As far as I'm concerned the need for Amateur Emergency Communications is no longer required. Of course ten years ago it was a different story, but now with all the communications of the county and state agencies and of course Civil Defense, the amateur is no longer required---well--- perhaps for the first ten minutes in an emergency, then after that, no. If I can't get on the air and have some pleasure just chewing the rag, and can't enjoy my ham radio without becoming involved in this so called public service, then they can have my ticket and I will forget all about ham radio."

Observed by W4FP, Lakeland, Fla.

(Editor's Note: One question for the operator of that station, "What about the great blackout in the greater northeast section of the country? Ten Minutes?" I can just hear his reply, "IT CAN'T HAPPEN HERE!")

SWAP & SHOPPE

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

Aside to W4MLY, John; I'm sorry, but
it seems that I have "dislocated"
your article. Please send it to me
again. Sorry. Mother Rat.

FOR SALE: Comco 220 transceiver with
xtal and power supply.
Top shape \$55.00
or trade for 6 and 2 meter
equipment.

CONTACT: W3IXL, Ellis Hersh
8435 Cedarbrook Avenue,
Phila., PA 19150
215- CH. 7-7325

FOR SALE: American optical 35mm slide
projector, model 4901. 500
w. with airquipt carrier &
single slide carrier.
Carrying case. \$30.00
Argus 35mm slide projector
300 w. with automatic
changer. Carrying case.
\$25.00

CONTACT: K3GAS, Doc Cutler
7815 New Second Street,
Phila., PA 19117
215- ME. 5-1078

FOR SALE: TUBES
TRANSMITTING
6-Amperex 6939 UHF dual
tetrode @\$4.50
2-RCA 7551 VHF pentode,
12v htrs @\$1.00
1-RCA 4x150A VHF-high
power @\$7.50
1- RCA 8072 w/socket, UHF-
high power @\$10.00
RECEIVING
2- Amperex 7788 GM=50,000
high GM, VHF pentode
@\$4.00
3- Amperex EC88/6DL4 UHF
triode, GM=13K @\$1.50
5- RCA 6BC4 VHF triode
@\$1.10
*4- Amperex 6922 cascode
front end, VHF dual
triode, GM=13K @\$1.25
3- Western Elec. 403B
WECO 5654/6AK5 @\$1.25
2- Western Elec. 416B
UHF triode GM=50K-free
*6922 is 10,000 hour 6DJ8

CONTACT: K3ORD, Larry Fowler
1124 Oak Leaf Lane,
Warminster, Pa.
215- OS. 5-9462

LATE ARRL BULLETIN NR 97, Jan.26,1967

With the approach of the ARRL Inter-
national DX Competition, the first
and third weekends of February and

March, United States amateurs are
again reminded that the following
countries object to communications
between their amateurs and those of
other countries. Cambodia, Indonesia,
Thailand and Viet Nam forbid such
radio communication. The prefixes to
avoid are HS XU 3W8 (or XV5) and 8F.
KLYPE/XV5 is operating from Viet Nam
with the express authority of the lo-
cal government and the FCC, therefore,
has no objection to U.S. amateurs
working KLYPE/XV5. CANADIAN amateurs
may not communicate with Cambodia,
Indonesia, Laos, Thailand, Viet Nam
and Jordan. Prefixes to be avoided
are MS JY XU XW8 3W8 (or XV5) and 8F.

AR

(Editor's Note: I'm so glad to see
that the ARRL and I still use the
correct spelling for Viet Nam. That
is the way it appears on the map.)

MEETING DATES

DIRECTORS' GENERAL
February 8 February 15

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

MEETING NOTICES

FEB. 1 PHILA. COUNTY ARPSA meeting
will be held at 8:00 P.M.
at the Fox Chase High School,
Rawn & Ridgeway Streets,
Fox Chase, Phila., Pa.

FEB. 8 DIRECTORS' MEETING will be
held at the QTH of K3WEU,
Paul Behrmann, 5101 Wynne-
field Ave., Phila., Pa. at
8:00 P.M. PLEASE have the
courtesy to call 215-TR. 7-
1007 if you cannot attend.

FEB. 15 GENERAL MEETING will be
held at 8:00 P.M. at the
West Oak Lane Jewish Commu-
nity Center.

SPEAKER: W3OZP, Bill Miller,
with slides from Europe,
XYL's invited to attend if
they so desire.

MEMBER STATUS CHANGE

K3MSV, Jules Bernoff (R)

THINK ON THESE THINGS (cont'd)

"When one door closes, another opens."
Too often we look with so much regret
and longing upon the closed door that
we do not see the one which has opened.

A big man is not one who makes no mis-
takes, but one who is bigger than any
mistakes he makes.

PACK RATS CHEESE BITS
821 W. Lindley Ave.
Phila., Pa. 19141



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

MEETING NOTICE