

# PACK RATS' CHEESE BITS

W3GL  
Y414, 70  
PAINT, 1940



MT. AIRY V.H.F. RADIO CLUB, INC., PHILA., PA.

(50.2; 144.2; 221.4; 432.2 & 1296.4 MC.)

CLUB CALL: W3CCX

AFFILIATED MEMBER: AMERICAN RADIO RELAY LEAGUE

EDITOR: HELEN BRICK, XYL, W3SAO

MEMBER OF: AMATEUR RADIO EDITORS' ASSOCIATION

VOLUME VII MAY 1964  
(Meeting notices,   
last page)

NUMBER 2

## HAPPY EIGHTH BIRTHDAY

MAY 15, 1956

MT. AIRY V.H.F. RADIO CLUB, INC.

MAY 15, 1964

(THE PACK RATS)

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### THE STORY OF W3CCX

As we all know the Club Call is W3CCX, a Memorial Call for Matt Gelardi, a deceased Pack Rat.

There are a number of new members and readers who may like to know just who Matt Gelardi was and what he did, and so we will reprint the story.

W3CCX, Matt, joined the Pack Rats in 1957 and was a member for about 10 months. He was one of the quiet members and in his short period of membership he pitched-in and was an instructor in the project of teaching the members how to build 2 and 6 meter converters. He was also our first "Silent Key".

In his short stay with us he so endeared himself to the members that they paid honor to him by requesting his call for the Club Call. W3CCX has been the Club Call since July, 1958.

The following is a reprint from the "Johnsville Reflector" the news bulletin of the Naval Air Development Center, Johnsville, Pa.

#### "MATTHEW GELARDI, SCIENTIST, DIES"

Electronics Scientist, Matthew Gelardi, an employee of the Control and Guidance division, AEEL, died unexpectedly, Tuesday, February 4th. (1958) He was 53 yrs. old.

A native of Boston, Massachusetts, Mr. Gelardi first came to the Philadelphia area in September 1942, while on active Navy duty. After a year at the Naval Aircraft Factory and 2½ years at NAMC, he was transferred to the Naval Aircraft Modification Unit, Johnsville, as leading Chief (Radar/Radio) in July 1944.

He remained in this capacity until his discharge in early 1947. He liked the area so well that he returned shortly after his discharge in a civilian capacity, accepting a temporary appointment as a Laboratory Mechanic on January 20, 1947.

Some six months later, Mr. Gelardi was given a probationary appointment as an Electronics Engineer in the Electronics Section, Pilotless Aircraft Division.

On February 4, 1948 (Ed. note: exactly 10 years before his demise) he shifted from the Pilotless Aircraft Development Lab. to AEEL, where he has been since with the exception of the period from October 5, 1950 to March 30, 1952, when he was recalled to active duty.

Before being called to active service in May, 1941, Mr. Gelardi was employed for 7½ yrs as a Radio and Sound Engineer, and 8½ years prior to that as a test engineer, all in the Boston area.

He was a member of the Institute of Radio Engineers and the American Radio Relay League.

Mr. Gelardi lived at 2606 Horsham Road, Hatboro, Pa.

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WE OPERATE ON AN EXCHANGE BASIS WITH  
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IS GIVEN.

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W3AYG, JOHN HARRIS  
K3DBY, JAMES BOWMAN

MEETINGS: DIRECTORS: Second Wednesday  
of each month. 8:00 P.M.

GENERAL: Third Wednesday of  
each month, 8:00 P.M.

MEETING PLACE: WEST OAK LANE JEWISH  
COMMUNITY CENTER, SEDGWICK  
& THOURON STS., MT. AIRY,  
PHILA., PA.

AWARDS CHAIRMAN: W2EIF, JOSEPH KILGORE  
#5 Sunnybrook Court  
Stratford, N.J. 08084

MONDAY NIGHT NETS:  
144.2 - 8:00 P.M.  
50.2 - 9:00 P.M.  
221.4 - 10:00 P.M.

NET CONTROLS:  
144.2 - W3SAD, Frankie  
ALT. - W3FSC, Ozzie  
50.2 - W3CL, Harry  
221.4 - W3KKN, Ernie

ARRPSC NETS: THURSDAY  
29.36-7:30 PM, W3VSD, NC  
50.2 -9:00 PM, K3ESL, NC  
145.2-9:30 PM, K3KUB, NC

EDITORS CORNER

"HAPPY BIRTHDAY" to the Mt. Airy V.H.F.  
Radio Club, Inc. (OK, Rats, I can get  
formal if I want to!)

The club in years, is only a baby, a  
wee 8 years old, but in spirit it is  
a giant. Why? Because the members are  
not looking for individual honors, but  
are banded together in one interest:  
that of helping each other and the  
public in time of emergency.

Not all of the members are strictly  
V.H.F., but the prime interest is V.H.  
F., therefore the members have a com-  
mon bond.

A number of the members work silently  
in preparing prospective hams for the  
FCC test to get their license, and  
ask no publicity. We learn these  
facts from those they have helped.

From a small beginning of 11 members,  
9 of whom are still members, we have  
grown to 90 full members, 16 retired  
members and 1 student member.

About 30 members are active in AREC,  
& RACES or both. Regarding AREC/ARRPSC  
we have the newly appointed SEC for E.  
Pa. and the EC for Phila. County among  
the membership plus other league of-  
ficials. (see opposite column)

The club was organized in May of 1956  
and starting in August of 1956 has  
held a "Family Day" picnic every year  
on the second Sunday at Fort Washing-  
ton State Park, Flourtown, Pa. From  
a group of 100 at the first one the  
attendance has grown to over 500.

We became incorporated in April of  
1958 and also in April of 1958 "Cheese  
Bits" first appeared. Through the  
years "Cheese Bits" has grown not only  
in size but also in circulation. It  
now goes to many of the states, The  
Antarctica and India.

There is no need to point out that the  
"Pack Rats" are active in the January  
VHF Sweepstakes; our record speaks  
for itself. You would be surprised  
at the number of hams who think we are  
two different clubs. They can't under-  
stand why the "Pack Rats" score never  
appears in QST. Then we have to ex-  
plain that Mt. Airy V.H.F. Radio Club  
is our "Sunday-go-to meeting" name.

How did we get the name "Pack Rats"?  
In the early beginnings, before any  
organized nets, they used to get on  
and "horse" around, and a fellow in  
Jersey said, "You guys sound like a  
bunch of Pack Rats."; and the name  
stuck.

We have just held our 8th Ladies' Nite  
The first one was really a Ladies'  
Nite. The ladies supplied the food  
and ran the meeting, and the Rats had  
to shut-up as we overruled all their  
objections.

Last year, we presented the League  
with a model of the new headquarters  
and \$1000 towards the Building Fund,  
through joint contributions of Clubs  
and individuals in the Atlantic Div.

That's a brief story of the "Pack Rats"

## OPERATION ALASKA

There is no need to remind everyone that there was an earthquake in Alaska on Friday, March 27, 1964. There is one coincidence which we feel should be pointed out: March 27, 1964 was one of the few times that both the Christian World and Hebrew World celebrated high religious days at the same time: Good Friday and Passover. Both religions were giving thanks to God for His delivering Grace. We are of the opinion that the Earthquake in Alaska, occurring on this day, was His plan to remind us that His "children" are still in need of deliverance from pestilence and that we must help and not put the whole burden on His shoulders.

Throughout the country, newspapers have been relating the role of the ham in "OPERATION ALASKA", and this has done much to bring to the attention of the public what the ham has to offer them in an emergency. We would like to reprint the following articles regarding the ham activity in this area. They are presented in dated sequence.

\*\*\*\*\*

### RADIO 'HAMS' PLAN TO HANDLE QUAKE QUERIES

#### Morton Couple To Relay Messages To Alaskan Stations

More than a thousand Philadelphia and near-by New Jersey residents found it next to impossible yesterday to communicate with relatives and friends in quake-rocked Alaska.

Radio hams and the Radio Corp. of America (RCA), Moorestown, said they possessed the only instant long-range communications facilities for calling in and out of the isolated state.

RCA operates the "White Alice" commercial and government telephone and telegraph communications system in Alaska.

It has 1,000 employees from the Philadelphia-New Jersey area working in Alaska.

#### Remained Operating

Its 83 microwave installations remained operative during and after the earthquake at 5:30 to 5:45 P.M. (Alaska Time) on Friday. But only a few persons at a time down here could get beyond Seattle or Canadian telephone routes to put their calls onto local RCA lines.

Many of the lines were down in the southern and most-populated parts of the state.

Ham operators said there were only three volunteer ham stations in the southern areas. The three were tied up all day and Saturday and into today transmitting information about emergency and field operations.

#### Chased Off The Air

The Federal Communications Commission chased all other hams off the "20 meter band", from 14 through 70 kilocycles, to reserve it for the three in Alaska to talk clearly with relief coordinating stations in the 48 states south of Canada.

Meanwhile a ham station here stood by for a chance to transmit to Alaska its rapidly growing list of inquiries from persons all over New England and as far west as Ohio.

The messages will be aired as soon as the flood of emergency calls for medicine, food, supplies and other badly needed aid has abated. Tentatively, this is expected by late Sunday or tomorrow.

Plans call for Alfred and Mary Burke, 265 Waverly Road, Morton, who operate W3CUL, to handle the calls over an amateur emergency network.

Persons wishing information on relatives in Alaska are being asked not to telephone the Burkes, who expect to be on the air almost constantly. Instead, they should contact any other ham operator.

#### No Charge For Service

The ham will relay the request to the Burkes over the air; the Burkes then will relay the message over the emergency network to Alaska. There is no charge for this service.

The Burkes early yesterday rigged up a new antenna on the tower at their home to handle the anticipated heavy traffic.

Harris J. Nadley, 37, of 1105 Cromwell road, Wyndmoor, an operator for 25 years, was in direct contact with three Alaskan hams shortly after the quake.

#### Describes Damage

One, in Fairbanks, was able to give him a description of damage reported from the quake area.

The others, in Seward and Anchorage, asked him to request all other hams to

leave us alone" so they could handle emergency messages.

Nadley, operator of W3INH, normally talks to operators in Alaska every few weeks.

Yesterday, at 6:30 A.M., he tuned in and heard the Alaskans talking of the disaster. He broke in to ask if he could help.

A Fairbanks ham, known to him only as Jim and operating over KL7FAW, reported power and phone lines down over a wide area hit by the quake. The signal, he said, was weak.

He reported Fairbanks as calm.

Nadley also spoke briefly with "Bob" at KL7ENT, in Anchorage, and an operator on KL7CU, Seward. Both reported heavy damage, but gave no details.

Red Cross Inquires

The Red Cross also announced it will accept inquiries concerning persons in the quake area.

"But we expect long delays because of the severe disruption to normal communications," a spokesman said.

Inquiries about military personnel, he said, will be sent directly to the base involved.

Messages about civilians will be forwarded to the Red Cross in Seattle, where workers will follow through and report back to Philadelphia.

The Red Cross said residents of Philadelphia, Montgomery, Chester, Bucks and Delaware Counties should phone PE 5-9000.

(From The Sunday Bulletin, March 29, 1964)

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ALASKA TRANSMITTING TO KEEP HAMS BUSY

Amateur radio operators in the Delaware Valley expected another busy day at the ear sets Sunday, relaying messages to and from earthquake-stricken Alaska.

The few messages that went into the ravaged State on Saturday were mostly official inquiries, though many personal messages came out from citizens and military personnel to relatives in the remaining States.

It was expected that by late Sunday or early Monday, messages could be sent into Alaska.

Many of the messages from Philadelphia were expected to be transmitted by a man-and-wife team, Alfred (W3VR) and Mary (W3CUL) Burke of 265 Waverly, Norriston. (Ed note: Both operating under W3CUL. We are supplying the calls.)

NO PHONE CALLS

Mrs. Burke has been described by "ham" operators as one of the largest "traffic" movers in the State. (Mae Burke) Because of this, persons wishing information to be transmitted are being asked not to telephone the Burkes.

George S. Van Dyke (W3ELI), emergency coordinator for the Amateur Radio Public Service Corps in Philadelphia, suggested that persons call him, at NE 7-8329, or other ham operators. They in turn would see that messages are relayed.

OPERATORS LISTED

Van Dyke, who also is State director of the Military Affiliate Radio System, listed the following operators: Benjamin Heilbron (W3ISM), IV, 2-5084; Ben Gindin (K3ESL), JE. 3-1849; and Paul Behrmann (K3WEU), TR. 7-0562.

Behrmann, who is disaster chairman for the Central Philadelphia Branch of the American Red Cross, provided ham operator volunteers for manning telephones at the Red Cross Communications Center, 1711 Delancy st., on Saturday.

He and his son, Nicolas (K3YPL), 20, a Temple University junior, established a radio communications link between that center and Behrmann's home for sending some messages.

WYNDMOOR OPERATOR

A ham operator in suburban Wyndmoor, Harris J. Nadley (W3INH), 37, was reported one of the first in direct touch with three Alaskan hams shortly after the quake.

Nadley said few stations were on the air in Alaska and those were swamped with emergency calls. Operators in Fairbanks, Seward and Anchorage asked Nadley to request all other hams "to leave us alone" so they could handle emergency messages.

WELCOME MESSAGES

Among messages which crossed the continent via ham sets to this area was an "All safe. Do not be concerned," to Mrs. Cecelia Young of 219 E. Elm st., Norristown, from her son, Pvt. William J. Young, 25, who is stationed at

Fort Richardson near Anchorage. Harry Bornstein, of 35 Tree st., received a simple, "All hands okay", from his son, Pvt. Edward Bornstein, who also lives at Fort Richardson with his wife, Dorothy, and 10½-month-old son. (Ed note: W3ELI, K3ESL and K3WEU are "Pack Rats") (From The Phila. Inquirer, Sunday, March 29, 1964)

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AREA RESIDENTS PRESS FOR NEWS OF FRIENDS, KIN IN DISASTER AREA

Hopes rose here and throughout the rest of the Nation Sunday as casualty estimates in the Alaskan earthquake fell. However, in the Delaware Valley as elsewhere, pressure against the communications bind continued as residents sought specific information about relatives and friends in the earthquake area.

Although the latest estimate of casualties was only a fraction of that first feared, people "back home" struggled for assurance that their loved ones were safe.

SEEK INFORMATION

They continued to seek information through the American Red Cross and Amateur radio operators. And they waited hopefully for roundabout replies to messages, jamming communications lines.

"You can see I'm keeping close to the phone," said a Philadelphia mother who answered its first ring Sunday. She is Mrs. Dorothy Pendleton, of 138 Gorgas lane, who hoped for the safety of her 24-year-old son, Robert.

The Southeastern Pennsylvania Red Cross Chapter received more than 1300 telephone inquiries about persons in Alaska.

"They're still coming in," a spokesman said Sunday, "but not like they were yesterday, and we're getting them off to Seattle."

The original idea of the chapter here was to wire such inquiries to the Seattle chapter for addition to lists to be flown to the quake area for checking.

"We got some through and then the wires jammed," the spokesman said, "so now we're sending them by air mail."

TRANSMIT MESSAGES

Amateur radio operators have been transmitting hundreds of messages to Alaska, and have received many relayed from amateurs there, but incoming traffic has been slight compared to that going out.

"Most of it has been for parts of Eastern Pennsylvania other than Philadelphia," reported George S. Van Dyke (W3ELI) on Sunday. He is Emergency Coordinator for the Amateur Radio Public Service Corps and State Director of the Military Affiliate Radio System.

He pointed out also that comparatively few Alaskan amateur stations were operating "and they're loaded." Van Dyke noted that "there aren't too many of them up there, not over 300 in all Alaska," and that power is down in the quake area.

COMMANDEER PHONES

"There's very little phone service up there now, and the military has commandeered it for official business," said Paul Behrmann (K3WEU), assistant emergency coordinator for Amateur Radio Public Service Corps and disaster chairman for the Central Philadelphia Red Cross Branch.

This, he explained, added to the difficulty of getting the information.

(From the Phila. Inquirer, Monday, March 30, 1964)

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HAM RADIO LINK WITH ALASKA CUT OFF HERE

An emergency amateur radio link between Philadelphia and Alaska has been forced to postpone relaying messages to the quake area.

The reason: too many messages.

Mrs. Mary Burke (W3CUL), of 265 Waverly road, Morton, explained today that ham operators all over the U.S. were sending messages to hams in Alaska.

The messages were from friends and relatives of persons living in the regions hit by last weekend's earthquake.

Overtaxed Alaskan hams couldn't keep up. Worsening the problem, she said, was the fact that the Alaskans also faced the job of sending out countless emergency messages.

Last Saturday, ham operators in this area agreed to handle such radio queries, funneling them through Mrs. Burke and her husband, Alfred. Similar setups were used in other areas.

As of today, Mrs. Burke said she has such a large backlog of messages that she cannot estimate their number.

(From The Evening Bulletin, Tuesday, March 31, 1964)

HAM OPERATORS OFFER TO RELAY CALLS TO ALASKA

Ham radio operators connected with the Military Affiliated Radio Services (MARS) here said today they are able to handle messages to and from Alaska. A Navy MARS spokesman suggested persons wishing to send messages contact Chief Billy R. Gray, Director of the MARS group in this area, at the Naval Supply Depot. His phone is RA. 8-1212, Ext. 589.

(Ed note: Gray is director of Navy MARS. W3ELI is State Director of Army MARS)

Area coordinators available after 7 P.M. and their telephone numbers are: Pennsylvania, O. M. Read, Jr., Wayne, MU. 8-4543; Southern New Jersey, Charles Snay, Willingboro, N.J., TR. 7-6483.

(From The Evening Bulletin, Wednesday, April 1, 1964)

(Note: The Phila. Inquirer carried the same story on Thursday, April 2, but they did not mention that the members of Navy MARS are hams.)

MANY FROM HERE STILL UNABLE TO CONTACT KIN IN ALASKA

Inquiries from Philadelphia area residents about relatives and friends in Alaska continued today.

The short wave radio clearing house set up by hams in this section reported a great many phone calls being received from persons who still have not heard from those in the earthquake area.

"I can't understand why they haven't heard," said Mrs. Alfred Burke, 265 Waverly road, Morton. "It's probably because the people they are asking about live in isolated regions and it takes time to check up on them."

A Waiting Game

"A lot of those people can only be reached by boat or phone. So for their friends here, it's just a waiting game."

Mrs. Burke and her husband, a foreman in the marine division of Sun Oil Co., operate W3CUL, the ham station designated to handle Alaska-bound inquiries here.

Since the peak period immediately after the quake, traffic has dropped slightly. However, Alaska hams' facilities are still jammed with emergency traffic, Mrs. Burke reported.

One break in the logjam has appeared: "We're starting to notice a few text messages instead of numbered health and welfare messages."

Full Messages

"This means that now and then operators are sending messages in full. Up till (Ed note: can't help it, but we've got to take a break here. That word "till" in the text annoys me. We were taught that the abbreviation for "until" is "till". "till" is a word meaning to turn the ground for planting.) now, almost all the traffic has been in numbers which, when decoded, spell out a full message. We use numbers in these situations to save time.

"For example, 14 means 'Are you safe? Please advise.' And ARL 8 means 'All safe; do not be concerned by disaster reports.'"

The Burkes pointed out that mail service has been restored and a letter might get through faster than a short wave message.

(From The Evening Bulletin, Wednesday, April 8, 1964)

That concludes all of the local newspaper coverage. There are a few other incidents that we would like to report.

W3MFY, Preston Funk, a Pack Rat, handled 144 emergency messages to Alaska on Sunday, March 29, 1964.

And from K3WEU, Paul Behrmann, we learned that K3BWD, last name Wasserman, of 220 W. Rittehouse, Phila., upon learning of the shortage of hams in Alaska offered to go to Alaska, at his own expense, and set up a portable station to help them out. He is also a member of the Army Ready Reserve.

And also from our "K.U.I." reporter, W3HKZ, Ed Kushner we received the following article from Electronic News, Monday, April 6, 1964

HAMS CITED FOR VITAL AID IN EARTHQUAKE

By ROGER MERAHN, Fairchild News Service (R)

NEWINGTON, Conn. -- Do the job and tell us later.

With those instructions from American Radio Relay League headquarters here, ham radio operators continue to send countless messages of urgency from the disaster areas in Alaska and Crescent City, Calif.

George Hart, national emergency coordinator for the American Radio League, told Electronic News that there has been an unusual amount of traffic from the Radio Relay League's net since the earthquake and tidal wave struck.

Mr. Hart reported as much as 50 priority precedence messages originating from Alaska last Tuesday evening.

By handling communications traffic for the Red Cross and Civil Defense, the ham operator, according to Mr. Hart, is playing a significant role in the disaster.

He estimated that several hundred ham radio operators are sending messages from the stricken area and predicted that within a few weeks numerous accounts of ham operator heroism will be told.

Unsung Heroes

Mr. Hart referred to these ham operators as unsung heroes who just fold their tents and silently fade away without claiming any credit. "They do their job," Mr. Hart said, "and then just disappear."

Mr. Hart emphasized that the American Radio Relay League won't establish any direct contact with the ham radio operators for several weeks.

The American Radio Relay League, a non-profit national membership society, has 100,000 members, which according to Mr. Hart, is more than half the number of amateur radio operators licensed by the Federal Communications Commission.

In Washington, R. H. Meyers, chief of radio telecommunications office of the American Red Cross, described the performance of amateur radio operators in Alaska as having "performed a tremendous yeoman service" in working with the Red Cross to help relieve the physical and mental suffering of those involved in the earthquake.

Mr. Meyers said there might be about 500 "hams" in Alaska, many employees of the Federal Aviation Agency, and that the very first messages from the Alaska disaster area came from them.

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While Emergency Communications are fresh in your mind you who are not members of AREC/ARP SC might be interested in joining up. If some of you are in the dark as to just what AREC is we will reprint the information which appears on the reverse side of the application.

THE AMATEUR RADIO EMERGENCY CORPS

What It Is and What It Means to You

In registering your station facilities and your availability as an operator with the Amateur Radio Emergency Corps you are not obligating yourself financially or legally. Your registration is simply an indication that your amateur radio facilities and skill are presently available to your community and your country if needed, and that to this end you are willing to participate in organizational preparedness as part of a local and national amateur group.

The ARRL Emergency Corps, as it was first called, was formed by an announcement in September 1935 QST. At first simply a matter of volunteers signing up en masse in the Corps without provision for local direction, the AEC quickly attracted considerable favorable attention among amateurs. After its first big test in the 1936 floods membership boomed until it was no longer possible to publish the membership list in QST. In 1937, as a result of the obvious need for local leadership and group preparedness plans felt in several communications emergencies, the new ARRL appointment of Emergency Coordinator was created. In 1945, with the post-war reactivation of the ARRL Emergency Corps, a new section-level appointment, that of Section Emergency Coordinator, was created. In 1950 the name was changed to the Amateur Radio Emergency Corps as a better identification of the coverage and intent of the organization.

The AREC represents the combined efforts of many hundreds of amateur groups, each under its own Emergency Coordinator. Although it is sponsored by ARRL, League membership is not required for registration. All amateurs, regardless of their personal affiliations, are urged to support this organized effort to form an Emergency Corps of and by amateurs as amateurs for the purpose of

getting prepared and keeping prepared to provide emergency communication for the public and the nation when, as and if needed, in both peace and war.

Registration in the AREC does not require possession of equipment designed especially for emergency use -- nor does possession of such equipment determine whether your membership shall be full or limited. A "full" member is an amateur who takes a fully active part in local AREC activities; a "limited" member is one who for any reason cannot do so but nevertheless is in support of the group and will be available as his personal circumstances permit. Thus, there is a provision in the AREC for every amateur licensee.

Your registration, when turned over to your local EC or SEC will add your strength to the Amateur Service in its endeavor to render a continuous and organized service to the nation.

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RED CROSS DISASTER DEMONSTRATION FOLLOWED BY REAL THING

On Tuesday, March 17, 1964, at approximately 4:30 P.M., at 22nd and Montgomery Avenue, the Central Philadelphia Branch of the Southeastern Pennsylvania Chapter of the American Red Cross had just emerged from a demonstration of a Disaster Shelter when they were greeted by an earshattering noise. Looking up they saw a car rolling side over side, down the street towards them. Behind the car a bus was careening, out of control, hitting four other cars along the way.

Since the members of the Philadelphia County ARPSC work hand-in-hand with the Red Cross Disaster Service, the following members were on the scene: K3ESL, Benjamin (Ben) Gindin; W3NSN, Charles (Chuck) Waugh and Harry (Pat) Sheridan, Red Cross Director. Nurses are also on hand. K3ESL got on the air and called for help from the police and learned that help was already on the way.

Forty-nine people were injured and Ben and Chuck really got initiated in handling a real disaster. Ben said that one woman's face was so covered with blood that they were afraid to look for fear her whole face had been ripped off.

The whole accident was caused by a young girl, driving without a license, who sideswiped the bus causing the driver to lose control. To add insult to injury, the girl was driving the car for a man, who was following in another car, and seeing what happened, he drove away. He was later picked up by the police and charged with contributing to and leaving the scene of an accident.

K3WEU, Paul Behrmann, Assistant EC and Disaster Co-ordinator for the Central Philadelphia Branch, Red Cross, had just left the scene minutes before the accident, as did K3VBA, Charles Monahan and they were spared the "bloody mess."

It was only by the Grace of God that no one attending the Disaster Demonstration was injured.

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We hope this shoe does not fit you! Sent to us by K3KTY, John Tate as an item of interest and warning.

HE'S A "HAM" RADIO NUT!

DEAR PENNY...

My husband is a "ham" radio nut, and that's just about the worst kind of nut there is. "At home" to him means being down in the basement with his radios, and believe me he has them, operating the controls and switches and talking a lot of jibberish to other "hams" all over the country. About the only good that can be said for his being a "ham" is that I do know where he is - down in the cellar.

BUT THAT ENDS IT. I can't even enjoy the TV set because there is a lot of interference with the reception while he tinkers with his transmitter and talks into his microphone. All I get to see are black and white lines and a lot of "snow". When I tell him he is interfering with TV reception he yells at me and tells me to shut up, and this goes on night after night. I'm not the only one who complains about this TV interference because the neighbors are having trouble with it too, and they are threatening to call the police about it. To get too it all off, he withdrew money from our savings account for his "ham" set, and it was money that could have been spent better for things we need for the house.

THAT'S WHAT bothers me most. He never thinks twice about spending money for what he needs to be a "ham" operator, but the house itself could fall into a shambles before he would spend money for repairs. All this is really enough to drive someone crazy, especially since I am in a family way, and I am building up so much tension that it is giving me pains in the chest, and I am expecting soon. WHAT CAN I DO? please advise me. --C.H.A.

(What kind of advice would you give? While you are trying to figure one out, we will insert another stencil and print "Penny's" answer on the next page.)



DEAR C.H.A...

About all we can do is hope that the call letters B-A-B-Y will awaken a new interest in your "ham" husband. We can pray that he'll be as enthusiastic about tuning in on an infant's happy gurgle and coo as on the squeak-box of a sender in Timbuctoo. It's wonderful for a man to have a hobby, especially when it's a hobby that keeps him at home. But for the life of me I can't understand how a man can let his hobby overpower him to the exclusion of all other interests. It's almost as if he didn't have toys to play with when a bby.

(From the Phila. Daily News, Monday, March 23, 1964)

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We don't know what advice you would have given, but we agree with "Penny", only we would have included some advice regarding his TVI. We would have said, "Tell your neighbors not to call the police, as they have no jurisdiction over his transmissions, but to contact the FCC about his TVI."

\*\*\*\*\*  
"Uncle Ben," talking, animated robot will guide visitors through exhibits.

\*\*\*\*\*  
Microwave Horn Antenna, American Telephone & Telegraph Co., will be used to demonstrate regular commercial and closed-circuit television programs.

Color TV and Electronic Hardware, Radio Corporation of America, systems and equipment used on land, sea, in air and space.

Audio-Animatronic Robots, General Electric and Walt Disney Enterprises, programmed on a seven-track tape using techniques and components developed for sequencing Polaris, at the General Electric Pavilion. GE also will display colors programmed by a numerical control system.

Amateur Radio Station, K2US, in the Coca Cola building.

\*\*\*\*\*  
K.U.I.  
By W3HKZ, Ed Kushner

EXHIBITS OF INTEREST TO HAMS AT NEW YORK WORLD'S FAIR

Hams may be interested in scientific exhibits being presented by electronic firms and government agencies at the New York World's Fair, opening April 26, 1964. Some exhibits to be shown are:

Electronic Instrument Landing System. Airborne Instruments Laboratory, for aviation safety, in the Hall of Science.

Radiation of Man, Atomic Energy Commission, discusses X-Rays, Geiger counters, electrosopes, at "Atomsville, U.S.A."

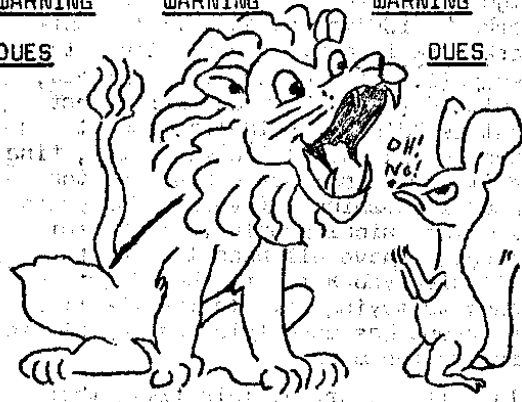
Apollo Spacecraft and Lunar Excursion Module, National Aeronautics and Space Administration, at the U.S. Government Pavilion.

International Pen Friend Program, Parker Pen Co., computer will match names and interests of Americans with those of foreign persons for mutual correspondence.

Instant Itineraries, Remington Rand Univac, a 490 Real Timer computer will create itineraries for tours of New York City, the United States and the World, at the Transportation and Travel Pavilion.

Brightest Show on Earth, combined electric power & light companies,

\*\*\*\*\*  
WARNING      WARNING      WARNING  
DUES      DUES      DUES



The Treasurer reports that the following members have not paid their dues:  
K3BHK, Jerry; K3BGT/2,  
Harvey; K3CHN, Seymour; K3EMR, Gus;  
K3EMA, Pete; W3FQD, Dick; W3FTU, Tom;  
W3GEC, Joe; K3GOZ, Herm;  
W3JAH, Chas; K2QDS, Mike;  
K2TYW, Ed;  
K3RCV, Jack and W3ZEY, Russ.

We feel, and we hope that it was just an oversight on your part, and we urge you to send your check or money order to the treasurer immediately. You are in danger of forfeiting your membership.

Remember if your dues are not paid, then you may not take part in the Nomination & Election of officers, May and June respectively.

## TWO METER ACTIVITY

By W3LHF, Dave Zimmerman

Well, fellows, another month has rolled around and things and such at this shack are slowly taking shape. Needless to say, a complete station re-organization is not an easy thing and doesn't happen over night. But one of these days all will be completed and your reporter will be back at work giving the ole two meter band the nightly sniff. At the present time I'm still ironing the bugs out of the SSB rig and if anybody would have told me a couple of months ago that I would be calling CQ 75 meters I'd hunt for the butterfly net, but it's true. A sad thing to admit for a 2 meter man.

A report via Jack, W2AXU, indicates that not too much that is startling has occurred in the last month. The SSB activity, as predicted many times in the past is slowly on the increase. Contacts are available to all of us by this media that can be had by no other means. The best that I have heard of is the nightly sked between W2LVQ in NJ with W1PST in N.H., a distance of 300 miles or more. This sked is at 2130 nightly about 1441000 kc. Take a look fellows and be impressed. Other SSB stations heard with good regularity on two are; W2AXU, W2TDR, W2OCY, W2GMM, W7PQA/2, K3KEQ and W3HFY. Others were heard but not recorded.

Any of the gang that has access to the trade magazine "Electronic Design" for April 13, 1964 will find an article of interest on high efficiency, high power transmitter matching networks at 100 mc and above. The network used is a Pi network with a tapped coil. From personal experience, I dislike (don't know whether or not that is "did" or "didn't", you'll have to ask Dave.) the Pi on two, fine as it works on lower bands, and the tuned line which I favoured for years is a mechanical problem. Maybe this is what we have all been looking for! I'll give you a report when I get around to trying it. In the meantime, if anyone has used this lash-up please give me the word.

Also, it appears at this time, that the new 75A1 with slicer is a mighty fine VHF IF strip both for SSB and other modes, but on AM for weak signals it is not superior to the BC348. But then, the Interceptor did not beat the BC348 and the W2AZL converter either. At my shack that is. Don't sell the homebrew gear and the surplus gear short, gang. The manufacturer may have a better can of paint than we do, but he is forced to make his stuff look good. All we have to do is make it work!

The new double-ended nuvistor looks like a good bet for the cascode circuit. How about a new converter using these, Bert?

73 for now and see you on two

## NEW PRODUCTS OF INTEREST TO HAMS

By W3NSI, Lynford Rowland, Jr.

**1. Silicone Potting Compound**  
GE has introduced RTV 615, a rubber-like potting and encapsulating compound to protect assemblies against thermal shock, vibration, moisture, corona, dust, and chemicals. It is cured in 15 minutes at 150 C, 24 hours at room temperature. Its transparency permits easy component identification and repair.

Silicone Products Dept.  
G.E. Co. Waterford, N.Y.

**2. Microminiaturized Fuses**  
Littlefuse has developed a line of fuses which weigh 1/5 gram, measure .078" D x 7/32" long, and are available in 1/8 to 5 amp sizes. They are fitted with either axial or radial 1/2" leads. Units may be used in diode mts or soldered directly into circuit.

Littlefuse Inc.,  
Les Plaines, Ill.

**3. Epoxy Solder**  
One-component Epoxy silver cold solder makes it possible to bond the most delicate devices without mess, heat or soldering irons. The compound comes already combined with the hardener, requires no heat or tools to apply and hardens at room temperature in 24 hrs. May be used to make connections to heat sensitive diodes and transistors repairing printed circuits and bonding tube caps to the glass tube. Available in 6CC, 12CC & 30 CC plastic hypo applicators, Shurbond #111, retails at \$7.50, \$14.50 and \$30.00.

Anchor Alloys Inc.  
966 Meeker Ave.  
Brooklyn, 22, N.Y.

(Ed note: Contact your local dealer before contacting the manufacturer)

\*\*\*\*\*  
Motor **SWAP & SHOPPE**

Conducted by: W3ZRR, Raymond Whitehead  
4534 N. Smedley Street  
Phila., Pa. 19140  
215- DA. 4-591Q

FOR SALE: HQ 170 C receiver, late serial No., in absolute top notch, brand new condition, with original carton and paper work. \$275.00

CONTACT: K3MSV, Julie Bernacoff  
4944 Whitaker Avenue  
Phila., Pa. 19124  
215- CU. 9-5368

SWAP: 1 HB linear Amplifier from Handbook for 6 - 4-125 A, with blower 1500 V. Power Supply  
For, converted 2 meter transmitter 5 watts or better

(Next page, 1st column)

WANTED: 1-2 meter beam

TRANSMITTER HUNT MAY 9

CONTACT: K3GQJ, Jack Greenage  
215- BA. 3-6040

A TRANSMITTER HUNT will be held on Saturday May 9, 1964 between the members of The Mobile Sixers, Havertown Radio Club and the Pack Rats, on 2 & 6 meters.

FOR SALE: Interceptor 8, Brand new, used 10 hours.

The Hunt will start from Gimbel's, Cheltenham, at 1:30 P.M. and stop at 3:30 P.M.

RME 6 & 2 Meter Xmitter, Brand new, used 10 hours, Elmac Trig- A 468, PMR 8, M 1070 PW, with cables. Ready to go.

Frequencies: 50.7 & 145.8  
Call: W3HFY

CONTACT: K3BPK, David Gindin  
6504 Roosevelt Boulevard  
Phila., Pa. 19149  
215- JE. 3-1849

Transmitter will be on with a tone at 10 minute intervals.

WANTED: 1 R-48 receiver for 220

Transmitter will be located south of Rt. 422, east of Rt. 23, north of Rt. 30 and west of By-Pass Rt. 1

CONTACT: K3BHK, Jerry Tessler  
416 Maple Avenue, (Somerton)  
Phila., Pa. 19116  
215- HO. 4-7174

COME OUT AND JOIN THE FUN

FOR SALE: 1 Clegg Zeus, mint condition new final AX150 \$425.00  
1- Johnson Viking 6-2 meter converter, new condition, factory wired \$40.00

JUNE VHF QSO PARTY

WHEN? JUNE 13 and 14, 1964

WHERE? HILLTOWN (near Lansdale) PA

TEAM CAPTAINS:

6 meters - K3ACR, Rich  
2 meters - W3SAQ, Frankie  
432 & 220 meters - W2EIF, Joe

CONTACT: W82CDP, Louis Goetz  
4 Penn Drive,  
Riverside, New Jersey 08075  
609-461-6191

CHAIRMAN: K3LOM, Harry

FOR SALE: 1 HQ170A receiver with 24 hr. clock timer. Mint condition used 25 hrs. \$295.00  
Valiant Xmitter, excellent condition, used 5 hrs. \$275.00  
Or both for \$535.00

Further information will be given at the May 18th meeting, and will appear in the June issue of "Cheese Bits"

CONTACT: K3ORT, Bob Pabst  
215- TU. 7-5683

HIGHLITES OF DIRECTORS MEETING, 4/18

A change of location for Ladies' Nite was discussed so as to promote more socialibility and privacy for presenting awards. One location suggested was the Buck Hotel in Feasterville, Pa.

FOR SALE: 1 HQ 17A receiver, 4 months old \$295.00  
1 Knight Kit T-150 Xmitter \$85.00  
Eico Oscilloscope Model 468 \$70.00  
Eico Dynamometer tube tester, model 660 \$80.00  
Eico VOM-2000 ohms per V. \$20.00  
Kit \$20.00

W3HFY, Hal, presented the plans for the transmitter hunt, (see above notice)

CONTACT: K3HWE  
215- DE. 8-6465

K3LOM, Harry, gave his report on the QSO Party, (See above notice)

FOR SALE: HT 40 \$65.00  
HA 5 VFO 80-2 meters Mint. \$65.00  
HQ 110AC, with clock and CR 47. Mint. \$220.00  
"Twoer", factory aligned, Mint \$37.50

The Membership Committee decided to issue a Warning Notice to certain members in "Cheese Bits" (See "Dues Warning" on an earlier page)

Or best offer over these prices

K3HUZ, "Grandpop" Bill, the President, appointed the Nominating Committee, to be Chairmanned by W3AJF, Horace.

CONTACT: K3WIZ, Bob Ruskin  
8402 Cobden Road,  
Phila., Pa. 19118  
215- CH. 8-2499

DID YOU KNOW?

That the reason "Cheese Bits" was late, and did not contain the Membership Book was simply because; 1. the typewriter was in the repair shop; 2. Ye Editor slid down the steps on April 12. No bones or steps broken, but pretty well bruised on the hip (tough standing and sitting); 3. Ye Editor came down with the German Measles on April 21. Didn't notice the one letter slideover in the first few words of K3GAY's letter until it was mimeographed. Didn't feel up to correcting over 200 copies.

NOMINATION OF OFFICERS NOTICE

WEDNESDAY, MAY 18, 1964. YOU MUST BE PRESENT AT THE MEETING and YOUR DUES MUST BE PAID IN ORDER TO PARTICIPATE.

That K3OBY, Jim, will be off the air for awhile as he had to remove the antennas for a new roof to be put on.

That W3ZRR, Ray, is back on 2 meters with a FB signal?

That Lou, the XYL of W3AJF, Harace, is home from the hospital and is doing well?

That K3ACR, Rich now has his right arm out of the cast to permit the scars to heal before they insert a pin?

That Ruth, the XYL of W3GXB, Bob, had a baby boy on April 17?

That the 1 1/2 year-old granddaughter of W3IBH, Charlie is in an oxygen tent in the hospital? They don't know what is wrong with her. We hope that by the time you read this everything will be OK.

That Sonny, the oldest son of W3IBH, Charlie, will be married on May 30, in Morristown? Congratulations.

That K3BPK, Dave, has announced his engagement? Congratulations.

That K3GAY, Don, will join the group in the June QSO Party? and that we had the privilege of meeting his ladyfriend on Ladies' Nite?

That K2QDS, Mike, was, or still is, in St. Francis Hospital, Trenton, N.J., under observation? Send him a card at his home address, he will be sure to get it. Speedy recovery, Mike.

That W3KKN, Ernie, underwent a Hemorrhoid operation which caused him to miss his first "Ladies' Nite"? Speedy recovery, Ernie.

That K3IUV, Bert, welcomed Harriet, his XYL, home from the hospital only to be greeted at the door with the news that one of the Jr. Op's had the Chicken Pox? Just can't win, can you, Bert?

That, Harry, the Jr. Op. of W3SAO, Frankie, came up with that the CC in W3CCX stands for "Club Call"?

\*\*\*\*\*  
NOTES ON THE USE OF ELECTRICAL INDICATING INSTRUMENTS

The talk given by W3SAO, Frankie at the March meeting, and written by W3CPT, Kenneth Harrison.

1. Electrical Indicating Instruments, commonly called meters, may be divided into three basic types.

- a. Permanent-magnet-moving coil (D'Arsonval)
- b. Moving Iron (Iron Vane)
- c. Electrodynamometer

2. Permanent-magnet-moving coils are essentially d-c instruments but may be used for a-c measurements by use of auxiliary rectifiers or thermocouples. They are delicate, highly sensitive, and may be used for a wide range of voltages, currents and frequencies. They impose a very low burden on the circuit being measured and give very accurate indications.

3. The moving iron instrument is a rugged device of medium accuracy and is suitable for use on low frequency

a-c only. They impose a medium burden on the circuit being measured.

4. The dynamometer type may be used for d-c or low frequency a-c. They have medium accuracy and impose a relatively heavy burden on the circuit being measured.

5. Voltmeters are essentially high-resistance, low current devices. Their sensitivities vary from below 10 ohms/volt to above 20,000 ohms/volt, i.e., the current drain on the circuit varies from about 0.1 ampere to 50 microamperes for full scale reading.

The loading effect on the circuit should be taken into consideration when selecting a meter for a particular purpose.

6. Ammeters are essentially low resistance devices but in low voltage, high current circuits, their resistance should be carefully considered, especially when using multirange, self-contained instruments as the internal resistance may cause changes in the total circuit current when changing from one range to another. Most of the ammeters used in AEEL (That's a Dept. in Johnsville Naval Air Development Center) are actually 50 millivolt meters with the actuating potential derived from the IR drop across an external shunt.

7. Wattmeters are usually dynamometer type instruments and may be used on either a-c or d-c. Most of the wattmeters used in AEEL are high-power-factor instruments with a low current rating so that care must be taken not to over-load their current coils on low-power-factor circuits, as the meter may burn out with only a relatively low scale reading.

8. Thermocouples, used for a-c and d-c measurements, are very delicate due to the very fine wires used in the element. Care should be taken not to overload them, as a 41% current overload represents 100% heat overload. Even though a slight overload may not burn out the thermocouple, its accuracy may be seriously affected. The serial numbers of the thermocouple and the meter with which it is used should coincide as each thermocouple has an integral calibrating resistor designed for use with one meter only.

Thermocouple type meters have a very slow response and several seconds are required for the meter to reach the correct indication so that they should not be used in rapidly varying circuits.

9. The following precautions are applicable to most types of meters:

VOLTMETERS:-  
Make certain that the external resistors (multipliers) are placed in series with the instrument whenever indicated. Multiplier and meter serial numbers should coincide. Voltmeters should be open circuited by use of the integral switch or by connections when making changes in the circuit. Multirange instruments should

be placed on their highest range until it is determined that the applied potential is less than the full scale of a lower range.

#### AMMETERS:-

are almost exclusively used with external shunts on d-c and current transformers on a-c. They should be short circuited when making changes in the circuit or when starting motors. It should always be realized that the starting current of a meter may reach eight (8) times the normal running current.

The proper calibrated leads should always be used between the shunt and the instrument.

#### WATTMETERS:-

are essentially combined Voltmeters and ammeters indicating their vector product. The precautions applicable to the use of ammeters and voltmeters separately are applicable collectively to wattmeters.

Wattmeters should be connected into the circuit in such a manner that the power taken by either the potential or current coils causes the least error. A careful study of the circuit components will be necessary in order to determine the most desirable method of connection. The applied frequency should be within the instrument rating.

#### POWER FACTOR METERS:-

are subject to the same precautions in use as are wattmeters.

#### FREQUENCY METERS:-

operate accurately within only a very narrow range of applied voltage. They should not be subjected to any frequency below their design range.

#### THERMOCOUPLE TYPE METERS

should not be used on d-c unless double readings are taken with the current through the meter in both directions and the indications averaged. Special shielded leads should be used between an external thermocouple and the indicating instrument.

CURRENT TRANSFORMER SECONDARIES should never be open circuited as potentials of several thousand volts will exist across an open secondary winding. A secondary shorting switch is installed on every current transformer. USE IT.

#### GENERAL PRECAUTIONS

For highest accuracy, all instruments should be used with the pivots in a vertical plane. Readings should be made, whenever possible, in the upper 25% of the scale for maximum accuracy.

All instruments should be kept out of intense magnetic fields, high temperature and high humidity, and dusty areas.

Periodic recalibration of all type meters is a prime necessity for accurate work.

Metering of highly reactive circuits should be done with the utmost caution, due to the high surge currents encountered.

If an instrument must be operated below 60% of full scale reading, a special calibration at the operating point should be requested. The accuracy of a meter which has been dropped or overloaded is always questionable; it should, therefore, be recalibrated immediately. Except when using calibrated leads, connections to instruments should be made as short and as heavy as practicable.

The potential leads to a shunt should always be connected to the inner terminals.

#### PHILA. COUNTY ARPSC

At the meeting a letter was read from the Red Cross stating that there was a Red Cross First Aid course starting Monday 6 April 6:30 to 8:30 P.M. and will continue for five weeks. Members interested were urged to call Red Cross ASAP for the class will be limited to 25.

The Red Cross luncheon was discussed. It has been changed to Tuesday the 26th of April at Noon at the Sheaton Hotel, 1725 John F. Kennedy Boulevard. The charge will be \$2.00 per person. Mr. Samuel S. Baxter, Commissioner of the Phila. Water Dept. and Emergency Coordinator of all City Departments, will make a presentation to the ARPSC. W3ELI will accept for ARPSC. Mr. Allen Breiner, W3ZRQ, SCM, E. Pa., will appoint W3ELI as E. Pa. SEC and tentatively appoint K3WEU as the new EC. W3ELI will stay on as an Asst EC for administrative duties.

All members were reminded that at the next meeting, 6 May, Mr. Pat Sheridan will instruct all those that have volunteered for service with the Red Cross and issue their kits of equipment. The course will be; C Unit V, HOW TO MAKE A DISASTER SURVEY. PURPOSE: To provide information relative to the importance of a reliable survey and the ways to obtain necessary survey data.

This will start promptly at 7:30 P.M.

Net reports were as follows;  
2 meters is being picked up by K3KUB  
6 meters is going on as usual, attendance dropped due to the Holidays.  
10 meters is hot and cold. W3GPO requested a back-up NCS. K3NSN volunteered to open the ten meter net if W3GPO failed in the first two minutes.

The future plans of the Red Cross are to expand to the remaining four branches of Phila. Those members of the original group that wish to transfer from center city branch to their own locality will be transferred and will, from the hard core of the new areas and train new members. It will not be mandatory to transfer.

Additional programs for the teenagers will be developed and discussed at the next meeting.

K3NSN, K3ESL and W3SAD gave personal accounts of some of the recent emergency calls they have answered. They

were but funny and informative. K3WEU told of the Alaska traffic we have been handling and of the fire that occurred in the middle of it. Several members volunteered to answer phones at the Red Cross headquarters and they are to be congratulated for a job well done. Among the volunteers was K3FTZ, a disabled fireman, who served from early morning until noon on Sunday, March 29, along with his XYL and son. Upon leaving he stated that he would return at 7:00 P.M., and he did, right on the dot of 7:00 P.M.

W3EII mentioned the publicity we have been getting in the papers and hopes that this will give the Hams in Phila. a boost in the eyes of the Public.

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WHAT DO YOU KNOW?

Some of you do read "Cheese Bits" and we are referring to the article last month regarding not reading it. We know that a great number of you do read it, but you must admit, it is discouraging to hear members state on the air, that they didn't know about certain things when they were definitely announced in "Cheese Bits".

W3MXW, Joe, told me, kiddingly, on Ladies' Nite that I insulted him as he reads it. So, I told him the article did not apply to him, otherwise, he would not have seen it.

The article also brought forth this letter dated April 10, 1964.

Dear Helen:

I just received my Cheese Bits today and have spent an enjoyable hour reading it. First off I want to thank you for mentioning me and my back troubles in your "Ben Cassy Reports" column. Another great feature of our already super-duper publication.

I want to apologize to you and to the club for not being too active on the bands as of late, but I have had the unfortunate combination of having antenna trouble and back trouble at the same time. I haven't been able to get up on the roof via ladder or tree or anything else and I'm just waiting it out until I feel up to it.

I have been improving with plenty of rest, and I regret that I won't be able to make the Ladies' Nite Affair tomorrow nite although I certainly did want to attend with Roz.

I also wanted to take this opportunity to tell you that I for one ALWAYS read Cheese Bits from cover to cover and I certainly appreciate all of the time and effort that you put into it. I know what a job it is to get out a paper like this as I have had much experience with this type of thing. I make these comments because of your legitimate questioning as to "finding that the members do not read Cheese Bits." I'm sure that the overwhelming majority of the members certainly read and enjoy the paper.

Thanks again and keep up the real fine business job...we don't know how lucky we are to have you.

Best 73,  
K3MSV, Jule

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Thanks, Jule and Joe, your comments were, and are, a reviving shot-in-the-arm.

Did you know that Jule runs the Pioneer Day Camp? If any of our Phila. area readers would like to send their children to a day camp this summer we suggest that you contact Jule, 4922 Whitaker Avenue, Phila., Pa. 19124, CU 9-5368.

\*\*\*\*\*  
WE ALSO GET COMPLAINTS

From W2SXO, Bill, we learned that one of our readers in Florida took offense to Ye Editors personal feelings regarding "certificates".

We would like to point out that those sentiments were our own and not those of the Mt. Airy VHF Radio Club, and we, in no way, meant to offend anyone.

We do know that at least one other editor is of the same opinion as we as the article was reprinted in full in their April issue. For obvious reasons we will not mention the name of the club or the publication as we do not want to have the complainant get angry with them also.

To the complainant, whoever you are, we offer our apologies.

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LADIES' NITE REPORT

We had 100 in attendance and were the recipients of a most delicious Roast Beef Dinner, as is always served at the Southwark AC.

Charlie Gaines and his group, who have been at the Southwark AC for 19 years, provided the superb music for dancing.

Bob O'Neil, the MC did a fine job in his role, but when it came to ham radio he was "not hep". First off, he stated that the Pack Rats were radio announcers. That sat very well? Then in presenting the VHF 55 Awards, he called K3IPM and K3IUU, K3onePM and K3oneUV. That also helped.

K3IPM, Stan, received two awards, one for top score in the club, and one for top score on 6 meters only.

K3IUU, Bert, received an award as top scorer on 220 mc.

Mother Rat was presented with a scale model of a coffee table, as the real one was too large for stage presentation. The scale model is an honest-to-goodness coffee table. It is made of plexiglass with real coffee on the under side. The real coffee table is beautiful and we thank the club for it.

You can rest assured that when Mother Rat accepted the gift she told the MC that we were not radio announcers, but

Ham Radio Operators.

The girl singer wore such an outfit that it took the Pack Rats and friends a while to get their eyeballs back in place.

All in all, it seems that everyone attending had a good time.

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READING RADIO CLUB BANQUET

There were only three Pack Rats attending, W3ELI, George and his XYL, Gracie, K3LBT, Al, and W3SAC, Frankie, Jr. Op., Harry and myself on April 18. To those who did not attend, we can only say that you missed a fine affair.

Frankie, the Jr. Op., K3LBT and I stopped at the QTH of K3VWT and K3VWS, Mary and Brad Wentzel and they took us out to visit the new club house at the Airport. They have a beautiful set-up there. Their club house is one of the buildings that were used to house POW's in WW 2, and if the condition of the other buildings are an example of the condition that their building was in when they acquired it, they have done a "giants" job in refurbishing it. It is beautiful.

Everyone at our table won a prize with the exception of the Jr. Op., but he did get a gift.

One surprize was that when W3EYN, Steve Ringler, the President, introduced Mother Rat.

The entertainment was superb, and the highlight was the hypnotism of some of the group. You had to be there to appreciate it.

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PERUSING THE NEWS

OFFICIAL BULLETIN NR 942 FROM ARRL HDQ  
MARCH 26, 1964

TO ALL RADIO AMATEURS BT

The Staib expedition will soon be crossing the Artic Sea and North Pole on skis. The explorers will be in contact with their homes in Norway only through good conditions and amateur cooperation for clear frequencies. They hope to work with nets established at home by the Norwegian Radio Relay League on 7014 7045 14,100 14.115 14,120 and 14,340 kc. Amateurs are urged to cooperate with the expedition and keep the frequencies clear when they are trying to work with the NRRL networks. The calls used will be LI2C LI2C/2 LI2C/3 and LI2C/4

OFFICIAL BULLETIN NR 943 FROM ARRL HDQ  
APRIL 2 1964

TO ALL RADIO AMATEURS BT

Amateurs are reminded that applications for new, renewed or modified licenses must now be accompanied by a check or money order payable to the Federal Communications Commission. The fee is four dollars for new, renewed or renewed and modified licenses; two dollars for modification only, such as change of address, and twenty dollars for

special call signs. No charge is made for Novice licenses, RACES authorizations of military recreation stations. All applications must be on FCC Form 610 dated August 1963, older forms may not be used. Except where FCC-supervised exams are involved, applications should be sent to the FCC, Gettysburg, Pennsylvania 17325

AR  
OFFICIAL BULLETIN NR 944 FROM ARRL HDQ  
APRIL 9, 1964

TO ALL RADIO AMATEURS BT

ARRL is assembling a full report of amateur emergency communications work in the Alaskan earthquake disaster. All amateurs in the United States and Canada are asked to supply full details of any part played by amateur radio. In reporting to ARRL please include dates, times, calls, specific locations and agencies served along with any pictures, news clippings or other pertinent data. Please report at once. All information should be in our hands by May one.

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OFFICIAL BULLETIN NR 945 FROM ARRL HDQ  
APRIL 16, 1964

TO ALL RADIO AMATEURS BT

All amateurs located in the ARRL field organization, individuals as well as clubs and groups, are invited to participate in the annual Field Day June 27 and 28. This annual exercise of emergency powered equipment is the ideal time to test gear such as generators, batteries, mobiles and portable rigs. Convenient log forms and summary sheets are now available on request from the ARRL Communications Department 225 Main Street, Newing, Connecticut 06111. Official rules will appear in June QST.

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From "Skyhook", Skywide Amateur Radio Club, Toronto, Canada, Editor, VE3EXF, Len Curzon (AREA)

At one of the recent Club meetings, the word "hamster" was used as though it was a very foul and bad word. Well, I looked it up in the dictionary and it said that a "hamster" is a rodent or large rat often used as a family pet. After looking and reading some of the Ham magazines, I have come to the conclusion that a "hamster" is a "General Service" operator who has had a touch of radio and is taking it serious enough to study the theory and learn the code in order to get his Amateur Radio Ticket. So fellows it looks to me like we need more serious minded "hamsters" in our Amateur Radio Clubs and classes, so good luck to you serious minded "hamsters". Join a Radio Club, get your theory and code and get your Amateur Ticket so you may enjoy Amateur Radio to its fullest.

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So we say Hi to our cousin "Hamsters" of the Chambersberg ARC, Chambersberg, Pa.

NEW BOOKS FROM SAMS: angle 1100 1010000

PASSIVE AUDIO NETWORK DESIGN. Catalog No. AHT-1, 288 pages, 5 1/2 x 8 1/2" List price: \$4.95

TRANSISTOR TRANSMITTERS FOR THE AMATEUR, Catalog No. TTS-1, 128 pages, 5 1/2 x 8 1/2" List price: \$2.95

Books are available from electronic parts distributors and bookstores throughout the country, or from Howard T. Sams & Co., Inc., Indianapolis, Indiana 46206

ARMED FORCES DAY COMMUNICATIONS TEST MAY 16, 1964 See April QST for rules and Frequencies.

HAMFEST & OLD TIMER'S NIGHT

WHEN? SATURDAY, MAY 2nd, 1964 WHERE? HOTEL STACY TRENT, TRENTON NEW JERSEY.

TIME: 2:00 P.M. BANQUET: 6:30 P.M. COST? \$7.00 on or before April 27 \$8.00 at the door

SPEAKER? MR. CLARENCE O. TUSKA, Co-founder of ARRL and first editor of QST.

SPONSOR? DELAWARE VALLEY RADIO ASSN. TRENTON, NEW JERSEY

CONTACT? A.G. WENTZEL, W2HX 318 Gardner Avenue, Trenton, New Jersey.

NORTH PENN ARC BANQUET

WHEN? SATURDAY, MAY 23rd, 1964 WHERE: SOUDERTON FIRE HALL, SOUDERTON, PA.

TIME? 7:00 P.M. COST? \$3.75

CONTACT? K3RO K Jack 309 Prince Frederick St. King of Prussia, Pa.

No tickets sold at the door.

CQ SPRING VHF CONTEST, MAY 2 & 3

For log sheets contact K2ZSQ, Bob Brown, CQ, 300 W. 43rd Street, New York, N.Y. 10036

We have noticed that CQ and other Ham magazines have been giving the dates for the ARRL June VHF QSO Party as June 6 & 7. Somebody doesn't read the Contest Calendar in QST!

The dates are: JUNE 13 & 14

From "Auto Call", Editor, W3NL, Andy Anderson

THE "EYE-BALL" QSO

The Auto-Call has deliberately refrained from the use of the term

"eyeball" because we simply didn't like it. Now it appears we might have to change the policy. There is an organization of radio amateurs which has as its purpose, handling communications in respect to collecting eyes for the blind people. While we do not believe that W2DPZ is a member of this organization, we would like you to know of this activity as reported by John B. Roll, W3DPZ.

"On this past Monday, March 9, 1964, at 1350 EST on 14.287 kcs. I called CQ for W6NAZ in California. Another station, WA0CHT broke in and asked me to move, that there was an emergency. I asked him its nature and he told me a patient in Defiance, Arizona, needed a pair of eyes very quickly and they did not know where to procure them - that is, the hospital did not know and they contacted WA0CHT in Denver to see if he would get on the air and see what he could do. He asked me to call the Somerville Hospital near here which I did. They had no eyes but suggested two places in Philadelphia. I called them but they had no eyes. In the meantime, I was monitoring the frequency and heard Jim call hams in Buffalo, Rochester, Detroit, Miami, Dallas, in an effort to get a pair of eyes. No one had any luck in obtaining any. I then called the Manhattan Eye, Ear, Nose and Throat Hospital's Eye Bank. They had none but suggested we try Detroit. I went back on the air but Jim said they had been contacted and had none. By this time Jim had so many contacts his voice was giving out. As I listened every ham to whom he talked dropped everything and tried to locate those eyes. There must have been fifty to seventy-five hams involved all over the United States. I have never seen such co-operation in my life. I have been an amateur many years but I have never been more proud of this group I am associated with than I was on last Monday with the unselfish and co-operative attitude I witnessed on 20 meters.

The sequel was luck - good luck or maybe something more. I turned off my rig and walked upstairs and told my wife who asked if we had tried Johns Hopkins. I went back on the air and Jim told me "no". I called the bio-Physics Dept. and got a graduate student, Bill Dobbelle, who, when I explained the situation said, "Relax, I'll have fresh eyes to them in three hours, six at the most." He called me a few hours later and told me they were on the way.

John B. Roll-W2DPZ

(Andy: I may be wrong, but I am pretty sure that I mentioned this organization a few issues back. If not, I certainly meant to. I learned of it in a letter from W0CCO, "Grandma Lou" in Omaha, Nebraska, whom I believe is a member.)



Grandma Lou, that reminds me, you owe me a letter. I certainly hope that everything is OK.

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BY THE WAY, HAVE YOU RECEIVED YOUR COPY OF "HAM" BUERGER'S QRNnews?

If you have, we know that you could not have missed noting that the "HAM of the MONTH" is our own W3CL, Harry Stein.

How many of you took note of this article on the last page?

WINNER

HAM BUERGER is happy to announce the winner of the HALLICRAFTER "I Wish..." Contest.

Mr. Pete DeConter, K3EMA, of Glenside, has been presented with a HA-6 and a P-26 Power Supply, and is currently using it on the air. As you know, the HA-6 is a 6 meter transverter that will put your transmitter on 6 meters. The HA-6 also incorporates a six meter converter for receiving. The transverter will operate either from an AM or SSB transmitter. The P-26, of course, is the power source.

We wish to extend our thanks to all of the amateurs that participated in making the contest a great success, and we are sorry that each one of you could not win a prize.

To Pete, K3EMA, our sincere wishes for continued Good Luck, and we wish you great joy in operating the Hallicrafter HA-6. 73

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When we received our copy, we called Johnny Lopes and he did not know that Pete was also a Pack Rat. At the time we were talking to Johnny, we learned that K3EHQ, Jim, was in the store. What did you buy, Jim?

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From AREA News Release for April

SPARCS (Society for Promotion of Amateur Radio Communication Service

\*..purpose...to bring now-silent areas into the world-encircling company of amateur radio....expanding the opportunities for communication throughout the world can make a marked contribution to peace.

"In contrast to government air programs this one involves only nominal expenditures. American amateurs have indicated willingness to give equipment needed to set up stations, and leaders in the Peace Corps and other agencies have promised to cooperate in getting the equipment to those whom they can teach how to use.

"Thus, on December 28, 1963 organization of SPARCS was completed. Herman Middleman, W7TPG, president; Albert Kahn, W8DUS, chairman of the board; Sen. Barry Goldwater, K3UIG/K7UGA, member of the board.

Support for the venture has been coming in steadily from Boy Scout ex-

ecutives, missionaries and others and at a meeting held October 24, 1963, R. Sargent Shriver, Jr., Peace Corps Director, assured the group the Peace Corps would work with it in its effort to expand communication. He expressed a willingness to test the plan in several countries.

(Barry Goldwater is a member of AREA)

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HIGHLIGHTS OF THE GENERAL MEETING

HAPPY BIRTHDAY to W3ELI, Van; K3ESL, Ben; W3DJV, Fred; W3HFY, Hal; K3IPM, Stan; W2SXU, Bill; W3KKN, Ernie; K3DLS, Carl and K3RIT, Don.

W3HFY, Hal gave his report on the upcoming Transmitter Hunt. (see earlier notice)

K3LOM gave his report on the June QSO Party and stated that we have 2-40' towers, 1-30' tower and the beams are all OK. (see earlier notice) To reach the site take route 152 or 309 to 113

K3HWZ, "Grandpop" Bill acted as the auctioneer and it seems that everyone who bid on the "Grab Bag" didn't want it. Why? It contained two white rats.

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MEETING NOTICES

MAY 6 PHILA. CO. ARPSC Meeting will be held on Wednesday, May 6, at the Gilbert Spruance School, Horrocks and Levick Streets, at 7:30 P.M.

Mr. Pat Sheridan will conduct a Red Cross Survey Class for interested parties.

MAY 13 BOARD OF DIRECTORS Meeting will be held at the QTH of W3HFY, Harold Grace, 108 N. Concord Avenue, Havertown, Pa. If for any reason you are unable to attend, please call; 215- HI. 6-2755. 8:00 P.M.

Direction maps have been sent to the Officers and Directors.

MAY 20 GENERAL MEETING will be held on Wednesday, May 20 at the West Oak Lane Jewish Community Center, Sedgwick and Thouron Sts., Mt. Airy, Phila., Pa. at 8:00 P.M.

NOMINATION OF OFFICERS for 1964-65 will be the Order of Business.

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We would like to extend our sincere sympathy to K3LWT, Rev. Earl Trimbath, Chaplain to the Greater Pittsburg VHF Society on the passing of his Mother, who was 82 years young, and served the Salvation Army in Johnstown, Pa. for 60 years.

K3FFD, Nell, in Smyrna, Del., is now a full fledged ham. She has TVI reports on 6 meters, 4 miles away?