

# PACK RATS CHEESE BITS

VOLUME V

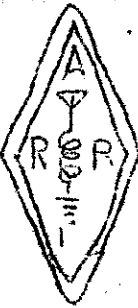
MT. AIRY V.H.F. RADIO CLUB, INC., PHILA., PA.

NUMBER 6

W3CCX

(50.2, 144.2, 221.4, 432.3 & 1296.2 Mc) MEMBER  
SEPTEMBER 1962 A.R.E.A.

(Meeting  
notices,  
last page)



EDITOR IS MEMBER OF AMATEUR RADIO EDITORS ASSOCIATION  
AFFILIATED CLUB OF AMERICAN RADIO RELAY LEAGUE

## THE PICNIC

This was our seventh picnic held at Fort Washington State Park, Flourtown, Pa. The weatherman, for seven years, has been good to us. Two years we did have showers, but they did not spoil or postpone it. (He's afraid to give us bad weather.) Keep your fingers crossed.

Our first picnic in 1956, which was only planned for a gettogether for the 11 members and families, which numbered around 50, snowballed on us, as outsiders heard of it and attended. Result 100 people. Since then the attendance has been steadily increasing from 500 last year to 644 this year.

Here is a breakdown for this year;

184	Harmonics (Non-Hams)
146	YL's and XYL's (Non-Hams)
314	OM's and All Hams
Making a total of - 644 people	

271 paid, but 14 forgot to register, (some were club members)

The Radio Clubs represented were:

Keystone V.H.F. Radio Club, York, Pa.  
Mobile Two'ers of Virginia  
Mobile Six'ers, Phila., Pa.  
Rariton Radio Club, Rariton, N.J.  
South Jersey Radio Association, N.J.  
W.E.N.S. Radio Club, Phila., Pa.  
East Coast V.H.F. Radio Society, Inc., Saddle Brook, N.J.  
Bucks County Amateur Radio Club, Bristol, Pa.  
Mahanoy Valley Brass Pounders, Mahanoy Valley, Pa.  
York Road Radio Club, Elkins Park, Pa.  
North Penn Radio Club, Montgomery County, Pa.  
Bronx Radio Club, N.Y.

The club names were called off so fast, we tried to get them all in, if we missed any, we apologize.

The East Coast V.H.F. Society hired a bus to attend and had 25 members, XYL's and Harmonics.

The W.E.N.S. showed up again this year, as last, with their musical group, which was enjoyed by all.

From all reports, everyone had a grand time. The only fly in the ointment was the accident that happened to the harmonic of W3MXW, Joe. She cut her toe on the rocks and had to be taken to the hospital for six stitches. We are happy to report that everything is "A-OK" with her.

At this time we would like to express our sincere thanks to the following for their contribution to help us make our affair a success.

SPARX INDUSTRIES, GRAND RAPIDS, MINN.  
JOHN F. RIDER PUBLICATIONS, INC, N.Y. CITY, N.Y.  
CLEGG LABORATORIES, MT. TABOR, N.J.  
G.C. ELECTRONICS, ROCKFORD, ILL.  
INTERNATIONAL CRYSTAL CO., OKLAHOMA CITY, OK.  
A.G. RADIO PARTS CO., ELKINS PARK, PA.  
G.E. HAM NEWS, OWENSBORO, KY.  
ALMO RADIO CO, PHILA., PA.

(Cont'd next page)

Breuninger Dairies, Phila., Pa.  
 F.W. Woolworth, Phila., Pa.  
 Tasty Baking Co., Phila., Pa.  
 Hanscom Brothers, Phila., Pa.  
 Bell Telephone Co. of Pa.  
 Phila. Saving Fund Society  
 World Radio Laboratories, Council Bluffs, Iowa  
 Radio Electric Service Co. of Pa.  
 Heath Company, Benton Harbor, Mich.  
 Telrex Laboratories, Asbury Park, N.J.  
 A.R.R.L., West Hartford, Conn.  
 Epsilon Records, Redwood City, Cal.  
 Albert Steinberg & Co. (ALSCO Electronics), Phila., Pa.  
 Eitel McCullough, Inc (EIMAC), San Carlos, Cal.  
 Dow-Key Co., Inc., Thief River Falls, Minn.  
 Burgess Battery Co., Freeport, Ill.  
 "73- Amateur Radio"; Brooklyn, N.Y.  
 Moseley Electronics, Inc. Bridgeton, Mo.  
 "The Monitor, Dallas, Texas.  
 Electronics Distributors, Phila., Pa.  
 R.C.A. Ham Tips, Harrison, N.J.  
 Club Women's Center, Gimbel Brothers, Phila., Pa.  
 Penn Fruit Co., Phila., Pa.  
 Acme Markets, Phila., Pa.  
 Fertick's & Co., Phila., Pa.  
 Maher Electronics, Phila., Pa.  
 D.&E. Print Shop, Merchantville, N.J.  
 K2MDZ, (Blank QSL Cards, pictures on the front with space for call)  
 N.Y. City, N.Y.  
 Emanuel Fein, (Grocer) Phila., Pa.  
 Mrs. C.E. Fegley, Sr., Phila.  
 W3FTP; Marion Parker, Doylestown, Pa.  
 W3ZRR, Raymond Whitehead, Phila., Pa.  
 Mrs. Sophie Harrisson, Hatboro, Pa.

As stated in the last issue, Everything Happens for a Reason. We did not plan a watermelon eating contest, but announcement was made that we would have one following the drawing for prizes, so I pulled a pack of QSL cards, donated by K2MDZ, for a prize. Since many of our distant visitors had to leave after the prize awards, the contest was canceled, and the watermelons were cut and distributed among the remaining folks. It so happened that the parents of Sheri Cook, our little 11 year old pal in the Shriners Hospital, were there with the three sisters of Sheri. I gave the pack of QSL cards to her father, and told him to give them to her, as she could place her name in the blank space. We also gave her parents one of those obnoxious yellow and black signs. We learned that Sheri was born with a defect which did not enable her to walk, and she is making wonderful progress now. The only reason she was unable to attend the picnic was that her braces had to be sent back for adjustment. Stupid Frankie and I, forgot to ask her father for his call and QTH, so we will send Sheri a copy of Cheese Bits. We ask you to please send her a QSL card, as she is very interested in becoming a ham. Send it to the Shriners' Hospital, Roosevelt Boulevard, Phila., Pa. If she has already left the hospital they will forward it to her home. OK, boys?

Did you see the six meter buggy? I mean the six meter halo K3JJZ had on the baby carriage. Is that "Goo-goo" mobile?

Poor K3HJA, Earl. He returned home to find the fire department in front of his house. Thank goodness, all that happened was that some kids threw a lighted match into the pine tree on his front lawn. Frankie and I know what it is to be out of your home for three weeks because of an accidently caused fire.

As a round-up we can say that 271 paid but 14 forgot to register.

The highspot of the picnic was the scale model of the new ARRL Building which K3HWZ, "Grandpa Bill" made. I believe he sold 177 bricks to friends and members for the building fund. In January this model will be taken up to ARRL Headquarters and will stand in the lobby of the new building.

All in all, everyone had a grand time, and we wish to thank all the members who helped on the committees. Without their help we could not have run it so smoothly. We would also like to thank all of our friends for attending and hope to see them again next year.

Just received a landline call from my mother, who donated the plants as prizes, saying that she had received a letter from the party who selected one. He thanked her for it and asked her how she raises them as his wife has no luck with plants.

73 from, "Mother Rat" & Frankie, W3SAO

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215- OS. 5-6260

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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 STREETS, MT. AIRY,  
PHILA., PA.

COUNCIL REPRESENTATIVES:  
W3AYG, JOHN HARRIS  
K3LBT, ALFRED OBENLAND

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

NET CONTROL STATIONS:  
144.2, W3SAD, Francis Brick  
50.2, W3CL, Harry Stein  
221.4, W3KKN, Ernest Kenas

ALL NETS AND MEETINGS ARE OPEN TO ALL  
WISHING TO PARTICIPATE!!

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### KUI

By W3HKZ, Ed Kushner

A diode for space communications has been developed. The new type diode can convert electric current into a light beam capable of carrying 20,000 audio channels at one time.

The experimental diode device has successfully transmitted high-quality signals. They expect a 30 mile range and that the device will be applied to uses originally proposed for the laser (light amplification by stimulated emission of radiation). The diode's wavelengths of infra-red, which uses

gallium arsenide as a semiconductor, is sent in terms of changes in amplitude of the electric current. The diodes operate at some 350 million megacycles per second.

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### TELSTAR

The first active relay satellite is a 170 pound ball-shaped instrument 34½ inches around its middle. Its aluminum and magnesium skin is covered with 3600 solar cells designed to convert sunlight into electricity to charge the 19 nickel-cadmium batteries. Around its center are two omni-directional antennas - one receiving and one transmitting.

Atop the Telstar is a helix antenna to receive the command signals to turn the equipment on and off, for transmitting the tracking beacon signals, and also for telemetry some 115 items for information, including temperatures outside and inside the capsule and pressure inside the satellite. Transmission to Telstar is on 6390 Mc; it transmits on 4170 Mc. It has a traveling wave tube capable of 2½ watts output. It orbits every 158 minutes and swings 3502 to 593 miles above the earth. Speed is 11,220 to 18,380 miles per second. Angle of inclination to the equator is 44.7°. Expected life is 2 years. Transmit drain is 30 watts. IF frequency used on receive is 90 Mc.

Telemetry transmits on 136 Mc at 350 MW, transmission is pulsed FM at 3 Kc ± 225 CPS AM modulated on 136 Mc. Command receivers (2) is 120 Mc and receives coded pulses. The beacon signal of 4080 Mc at 25 MW is multiplexed in the final TWT tube and antenna that has the 4170 Mc signal. The helix antenna is used on 120 Mc and 130 Mc for telemetry and command signals.

The 3600 solar cells are ceramic base, platinum frame, sapphire covered. There are 1064 transistors and 1464 diodes. Solar cells deliver 15 watts output.

73,  
Ed.

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### NEW PRODUCTS OF INTEREST TO HAMS

By W3NSI, Lyn Rowland, Jr.

#### 1. Hallicrafters SX 117 Receiver

A 12 tube, triple conversion, Amateur band unit, which will be available about the end of September. The 1st and 3rd conversion oscillators are crystal controlled. A light (20 lbs), and compact (15" x 7" x 13"), receiver, it incorporates a product detector and regular AM detector. Bands are covered in 500 Kc segments.

Price - \$379.50

#### 2. Low Voltage DC Power Supply (Electro Products Labs)

DC output voltage 0-16, Current output - up to 5 amps filtered for

use in Transistor portable servicing, may also be used on auto radios. Meter in front panel may be switched to read voltage or current. Size - 10 $\frac{3}{4}$ " H x 6 $\frac{1}{2}$ " D x 4 $\frac{3}{4}$ " W.

Price - \$39.95

3. Subminiature Ceramic Trimmer Capacitors (imported-W. Germany)

Type 7S-Triko 02. Var. Cap. are available in four capacitance ranges: 2-3.5, 2.5-6, 3.5-13, 4-20 MMFD. Units are about  $\frac{1}{4}$ " in dia. and should find wide use in converter construction. Compared to Erie units of this type, they are attractively priced. Available from: Air-O-Tronics, Engineering Co., P.O. Box K, Morrisville, N.Y.

Price - \$.39 each.

73,  
Lyn

\*\*\*\*\*

SWAP & SHOPPE

Conducted by, W3ZRR, Ray Whitehead,  
4534 N. Smedley Street,  
Phila., 40, Pa.  
215- DA. 4-5910

FOR SALE: GONSET GR 211 \$60.00

CONTACT: Alan Moskowitz  
6908 Bustleton Ave.,  
Phila., 16, Pa.  
215- DE. 3-7003

FOR SALE: HEATHKIT APACHE & SB 10  
sideband adapter. complete  
in guaranteed A-1 condition.  
\$300.00

JOHNSON RANGER A-1 Condi-  
tion \$150.00

CONTACT: W3IXL, Ellis Hersh  
8435 Cedarbrook Ave.,  
Phila., 50, Pa.  
215- CH. 7-7325

WANTED: HARVEY WELLS VFO for TBS-500

CONTACT: K3CBE, John J. Freeman  
437 Grace Street,  
Reading, Pa.

FOR SALE: RACK MOUNTED POWER SUPPLY  
(regulated) 300V at 400 MA.  
Best offer

3 ft. Rack Cabinet \$6.00  
1 $\frac{1}{2}$  ft. Rack Cabinet \$3.00

WANTED: OLD QST'S before 1930

CONTACT: K3IUV, Bert Soltoff  
8582 Benton Avenue,  
Phila., 15, Pa.  
215- PI. 2-2619

FOR SALE: TWO METER STATION:

20 W. 6360 Xmtr, & Power  
Supply,

417A Converter & Power  
Supply.

Telrex two meter beam.  
Best offer.

CONTACT: (See next column)

CONTACT: K3BCV, Charles Royer  
1609 Hanover Ave,  
Allentown, Pa.  
215- 432-0347  
(215 is dialing code area)

FOR SALE: 522 Xmtr, mounted on chassis  
with front panel controls  
has all relays operating  
which were originally in  
circuit. Including power  
supply supplying all vol-  
tages for filament, relays  
etc. Can be used for both  
CW and fone with relays for  
change to four different  
freqs. Specs accompany rig.  
Xmtr complete with Xtal  
Converter and 3 element  
colinear beam, coax fit.  
\$75.00

Heath Kit AT-1 Xmtr for 80,  
40, 20, 10 meters with se-  
parate Heath Kit VFO, and  
separate source of power  
for VFO. \$50.00

Husky modulator unit on chas-  
sis with tubes and coax relay.  
Also uncompleted heavy duty  
power supply. Both for  
\$25.00

I A.T.D. Airforce Xmtr.  
Brand new, never used. Com-  
plete with tubes and book of  
specs. Xmtr operates 3000  
to 9050 KC, also all other  
freqs - up to 500 KC. No  
power supply. Includes 3  
Weston meters on front panel  
which alone are worth \$30.00.  
Asking - \$25.00

A variety of TV transformers  
and various size condensers,  
tubes and other junk.

Moving to Florida in very  
near future.

CONTACT: W3FAA, Alec M. Breth  
241 Higbee Street,  
Phila., 11, Pa.  
215- PI. 5-1960

FOR SALE: 1 Lettine Modulator 242-6  
transmitter. 45 W phone,  
50 W CW. \$60.00

CONTACT: K3GTI, Harry Rice  
10 Indian Park Road,  
Levittown, Pa.

FOR SALE: National VFO for 6 & 2.  
\$30.00

CONTACT: K3JJZ, Elliott Weisman  
8533 Algon Avenue,  
Phila., 15, Pa.  
215- PI. 2-3525

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WHAT HAPPENS

Found out a few days before the picnic  
that K3CIV, Ralph, was in the hospital  
for four days in traction due to scia-  
tic nerve trouble. It sure was good  
to see him at the picnic, cane and all.  
Ralph also received the prize for the  
oldest Ham present. 74 years young.  
Atta boy, Ralph, you show 'em.

We also learned at the picnic, that W3IXL, Ellis and his XYL, K3JOD, Lil, became proud parents of a baby born Saturday, August 11. Congratulations.

We were happy to see W2LY, Rog from SJRA at the picnic. Looking Good, Rog, keep it up.

We are sorry to announce that the mother of K3IZL passed away. Our sympathy.

W2LOY, Ed Clogg and his XYL, Martie, were at the picnic and spent the day just enjoying themselves.

W3FSC, Ossie reports that his mother is doing a little better. We hope she recovers soon from her stroke.

We pass along our sympathy to Anne, XYL of W3JSD, John, on the passing of her sister a couple of weeks ago.

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On Sunday, August 5, The East Coast V.H.F. Society, Inc., held their Hamfest at Saddle Brook Park, Saddle Brook, N.J.

The following "Pack Rats" and their families and friends attended:

W3SAO, Frankie, Jr. op. & myself; W3MXW, Joe; K3LBT, Al; K3IUZ, John, XYL and 3 Harmonics; K3IUV, Bert; K3HWZ, "Grandpa Bill" and his Son-in-law and Grandson, K8VEL & K8VEU; K3GAS, Doc; W3BVR, Ted; W3CL, Harry; K3IPM, Stan; W2SXO, Bill and XYL; W3CKP, Warren, XYL and Jr. Op.; and W2AXU, Jack and his friend WA2??? Jim. Twenty five in all. They reciprocated with the same number at our picnic.

K3HWZ, "Grandpa Bill", purchased a flexible mike stand for \$.50, and told the fellow he would watch the store for him. While sitting there, he re-sold it for \$1.00.

W3BVR, Ted, won a twenty-four hour clock as a door prize.

Our Jr. Op., Harry, won \$1.56 for guessing the amount of pennies in the jar.

They had games for all, and we all enjoyed ourselves.

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#### ARTICLES OF INTEREST FOUND IN THE LOCAL NEWSPAPERS

From THE PHILA. INQUIRER, August 8

#### PHYSICIST REPORTS JUPITER SIGNALS

GRAHAMSTOWN, South Africa, Aug. 7 (Reuters)--A physics lecturer at Rhodes University here said Tuesday that he had been getting radio signals from Jupiter on two wavelengths since July 24.

A South African amateur radio astronomer has picked up identical signals, lecturer George Gruber said.

Prof. J.A. Gledhill, head of Rhodes' department of physics, said that if the signals are being sent by "little men" they must have the most monotonous 'Hit Parade'. The transmissions sound exactly the same, like waves breaking on a pebbly beach."

From THE EVENING BULLETIN, August 13 & 14 respectively.

#### TWO RUSSIAN SPACEMEN ARE HEARD HERE TALKING TO ONE ANOTHER ON THEIR RADIO

A Haverford college physics instructor heard the two Russian cosmonauts talking with each other as their space craft soared over Philadelphia yesterday afternoon and last night.

On both occasions, Maj. Andrian G. Nikolayev and Lt. Col. Pavel R. Popovich, chatted in Russian.

The instructor, Thomas A. Benham, picked up their voices on 20,005 megacycles on a short-wave radio which he and students had built at the college.

#### NOT UNDERSTOOD

Benham, who doesn't understand Russian, said it sounded to him that the Soviet spacemen were engaging in idle conversation.

He estimated that the two spaceships were passing directly overhead at the time.

Benham related that he first heard the beep-beep beacon signal of Nikolayev's ship at 12:45 P.M. yesterday as it came over the horizon.

Five minutes later the beep-beep of the second ship came over Benham's radio. Both of these signals were heard at 19,990 megacycles.

#### DISTANCE APART

At 12:53 P.M., their voices came through -- "loud and clear" -- at 20,005 mc. Benham thinks that the ships were about 120 miles above the earth, and about 1500 miles apart at the time. Their beacons were heard again at 2:15 P.M.

Then at 10:05 last night, Benham heard their voices once more. At that time they were about 600 miles apart, he thinks.

"I heard little snatches of conversation," he said. "The thing to remember is that they can talk with each other at any time, hour after hour."

"But in my line of sight, while they are over this area, they can be heard only for a short time -- maybe four or five minutes. At their speed that's all the time there is."

#### NOT TALKING TO EARTH

Benham said that the cosmonauts signals could not be heard at their home base in Russia.

Consequently, the only conversation to be overheard here is idle talk. He said that he tuned in on Nikolayev on Saturday while he was over this area, but learned later from news reports that he was asleep at the time.

The next time the two ships pass over Greater Philadelphia will be at 9:45 tonight.

#### RUSSIAN VOICE IN ORBIT STARTLES HAVERFORD LISTENERS

Russian-speaking Dr. Andrew Fedoroff went to Haverford College last night to interpret the radio conversation of the two Soviet cosmonauts as they

(next page)

orbited over Greater Philadelphia. The broadcast was heard over a short wave radio constructed at the college by Thomas A. Benham, physics instructor and some of his students. Benham turned the radio on at 9:30 P.M. as the two Soviet space ships traveled about 110 miles above this area from the northwest to the southeast.

#### DEEPS ARE HEARD

At first only the beeping signal s of the two ships were heard. "Perhaps they're still asleep," Benham commented at 9:36 P.M. A companion of Dr. Fedoroff, who also speaks Russian, remarked to him, "Onee molchat (they are silent)." Just then the radio came to life, and a voice said, "Tepyer molchat (now they are silent)." The coincidence in the use of the word "molchat" startled the listeners. Benham identified the radio voice as that of Major Andrian G. Nikolayev, the first of the two Russians to be rocketed into space. It was agreed that what Nikolayev was apparently telling his fellow spaceman was that the people at their home base in Russia were silent.

#### THE SECOND SPEAKER

Thirty seconds after Nikolayev spoke, a second voice, identified by Benham as that of the second cosmonaut, Lt. Col. Pavel R. Popovich, was heard on the radio. "Khorshaya sloeshymost," Popovich said. Dr. Fedoroff, of the Russian Department of Rutgers University, translated this as "You're coming in well." "Tol'ko vremyenno (only temporarily)," Popovich added. Benham said he was able to identify the two spacemen by listening to the beacon signals from their ships. The beacon of the first ship, he said, was high pitched and short, while that of the second craft gave out a longer, lower-pitched tone.

#### EASY TO TELL

When one or the other tone cut out, Benham said, it was easy to tell which of the cosmonauts was speaking. Benham's radio receiver is located in a government surplus trailer located in the back of Alumni Field House on the college campus. Benham obtained the trailer from the Department of Health, Education and Welfare in 1959, for satellite tracking. Although he is blind, Benham built the base for the trailer and installed most of the electronic equipment.

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(Ed. note) To our local readers, no explanation is necessary, but for the benefit of our cross-country readers, we would like to say Tom Benham is a Ham, W3DD. He is also an official satellite tracker for the government. Tom lectures on satellite tracking, along with tape recordings, to radio clubs, church groups, school groups, etc.

#### IMPORTANT ANNOUNCEMENT:

....CQ TO EXPAND

CQ proudly announces a major expansion program of interest to all readers. Our publisher has just completed a transaction by which CQ acquires the VHF AMATEUR magazine, published by Bob Brown, K2ZSQ.

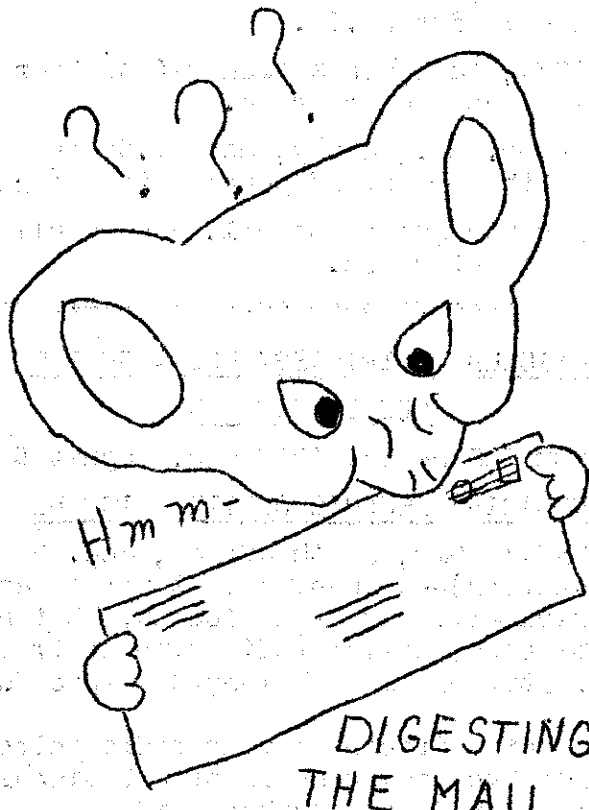
VHF AMATEUR will no longer be published as a separate entity, but its entire contents will be added to the pages of CQ each month at absolutely no extra cost to CQ readers. This means that CQ will run more pages of editorial material and will be able to offer even better coverage to all phases of amateur radio.

Joining CQ's staff as editor of VHF AMATEUR (which will be bound right in CQ) are Bob Brown, K2ZSQ, as well as Dave Heller, K3HNP, and Bob Heil, K9EID. As always Don Stoner, W6TNS will be in there stronger than ever. The VHF AMATEUR will include construction articles, propagation features, operating news, station improvement ideas, and a variety of other features of interest to all v.h.f.'ers.

Present VHF AMATEUR subscribers will receive subscriptions to CQ toward filling out the remainder of their present subscriptions, while such subscribers who already receive both CQ and VHF AMATEUR will enjoy an extension of their CQ sub.

This takeover will involve from three to four weeks of preparation, so the next issue of VHF AMATEUR will appear in the November '62 issue of CQ. We're sure that our readers will find the expanded CQ bigger and better than ever.

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#### SLAVE DRIVER CERTIFICATE

Received additional slaves from the Chief Slave Driver, Grandma Lou, W0CCD K0UIV, K0SCE, K0ZPX, W0FNB, W0FFG, W0BVB, W0BMB and W0DGA.

The rest of her slaves are listed in last month's issue, along with the information on how to obtain the certificate.

She sent me one, and they are out of this world for being nutty.

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OFFICIAL BULLETIN NR 859 FROM ARRL HQQ  
AUGUST 3, 1962

TO ALL RADIO AMATEURS BT

Attention DXers. Announcement is made of the addition of Guam to the ARRL Countries List. The present Mariana Island listing will be retained. Previous DXCC credit for the Mariana listing for Guam will be automatically counted for Guam. Conversely, credit for the Mariana listing other than Guam will count for the Marianas. Confirmations for DXCC credit for either Guam or the Marianas must be dated November 15, 1945 or after. Additional DXCC credit for either of these listings will not be acceptable until November 1, 1962. See detailed announcement in DXCC Notes, September QST.

AR

OFFICIAL BULLETIN NR 860 FROM ARRL HQQ  
AUGUST 9, 1962

UHF history has been made again. At 0148 GMT August 9, KH6UK and W1BU established two way amateur communication on 1296 Mc via moonbounce between Hawaii and Massachusetts. Details of this record will appear in September QST.

AR

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FROM NORTH PENN "STATIC" A.R.E.A.

First off we wish to send our congratulations to W3ZXV, Gene Pressler, co-editor, for accepting the Vice-Presidency of A.R.E.A. (Amateur Radio Editors Association).

Pennsylvania, Delaware and Maryland will soon be issued WA3 calls. The FCC is already issuing WB2 calls in the N.Y.-N.J. call area.

The FCC data processing office, located at 334 York Street in Gettysburg, is now in full swing and the operation of this office has already substantially reduced the amount of time necessary to process renewal and modification applications for amateur licensees.

It is now law - all future TV sets manufactured must receive 83 rather than 13 channels.

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FROM "GRID LEAKS", JAMAICA UHF CLUB,  
JAMAICA, N.Y. A.R.E.A.

ARMY VHF RIG CALLS 'HELP!'

The army is experimenting with a personal VHF pocket transmitter which would be carried by every GI. If a soldier were wounded on the field, the transmitter would emit a beacon signal to guide first aid men to the site.

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FROM "FLORIDA SKIP, INC."

-THE INDISPENSABLE MAN

Sometime when you are feeling important,

Sometime, when your ego's in bloom,  
Sometime, when you take it for granted  
You're the best qualified in the room.

Sometime, when you feel that your going

Would leave an infallible hole,  
Just follow this simple instruction  
And see how it humbles your soul.

Take a bucket and fill it with water:  
Put your hand in it, up to your wrist:  
Pull it out, and the hole that's remaining

Is the measure of how you'll be missed.

You may splash all you wish when you enter:

You can still up the water galore:  
But stop and you'll find in a minute  
That it looks quite the same as before.

The moral in this quaint example

Is to do the best that you can  
Be proud of yourself, but remember  
There's no indispensable man.

\*\*\*\*\*

FROM "HAM SHACK GOSSIP" A.R.E.A.

TOLEDO, OHIO.

Their reprint from "THE OSCILLATOR"  
OF ETNA, PA.

WHAT HAS AMATEUR RADIO DONE FOR ME ?

What has amateur radio done for me?  
The answer is simple; it has made  
friends.

To me radio is above all, people. The voices that come through the speaker, or (not too often) the CW tones, always represent a person. Whether a discussion of DX, comments about a new experimental converter, or a recounting of last night's bowling, regardless of a subject, always it is a person speaking. A potential new friend, or a welcome long-cherished friend.

Sometimes it may be a farmer describing a blizzard in South Dakota. Or a young boy telling of his school grades. Or a retired policeman in Florida. Or a special friend across the state, whose wife and children I know, whose breakfast I can predict. People of all kinds, ages, degrees, stations, only two sexes--all possible friends.

Will Rogers used to say, "I never met a stranger." In amateur radio this is literally true. Perhaps there is a factor of preselection, so that only people who are basically friendly ever become hams. Even the first QSO leads to first names. There isn't a Mr. or Mrs. or Miss on any band. Informality and friendliness--what could be better?

And what a wide variety of friends. Most of us, left to ourselves, form friends only within our own immediate circle. But in amateur radio you make friends of all kinds, everywhere. I know a doctor, a judge, a policeman, maybe a couple of bootleggers. Fire-

7 - (next page)

man (city fire department), fireman (on the railroad), Fireman (naval fire control officers), and fire insurance men, Preachers, printers, painters, almost any profession anywhere.

In checking yesterday's log, I note that out of eleven contacts made, I know seven of the people personally, I have visited in five of their homes. Yes, for me, amateur radio means friends. I am deeply appreciative.

\*\*\*\*\*

(Comments of "Ham Shack Gossip"'s Editor, W8MBI, Marie Helmin.

The author of the above article wished to remain anonymous. I do wish that he had not been so modest and passed along his call and name. A person certainly worthy of the name HAM. This set me to wondering. What does amateur radio mean to you?

To me, it means courtesy on the air. Not being selfish in such a way that you will deliberately cause interference to another operator. It means all clubs in a city being friendly with one another. As the saying goes: 'United, we stand. Divided, we fall.' This applies to many things. It means willing to help the newcomer, so he will feel that he has friends especially when he visits a radio club for the first time. It means treating everyone equally, be he Novice, Technician, General or a CLASS A OPERATOR.

Give some careful thought to this. What Does Amateur Radio Mean to YOU.

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#### FROM THE "WENS NEWS"

(A new publication of the W.E.N.S. Radio Club. Editor, K3CHR, Jack Wright.) Welcome to the padded cell, Jack, reserved especially for Editors.

#### PURLOINED FROM OTHER PUBLICATIONS

All you contest happy jokers will be glad to hear of 2 new sections.... Delaware and the Maryland DC Section ....this will be official 12/10/62.

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#### FROM THE "PHIL-MONT BLURB"

##### EXCHANGE CLUBS NOTE

Phil-Mont has for sale 125 steel cabinets, gray hammertone finish, 7" wide by 9" high by 12" deep. \$6.00 per dozen. Contact W3QQH, Clinton Spencer, Jr. on Channel 1 (29493 Kc) or at TU. 4-8469.

Don't forget Phil-Mont's annual banquet at Llanerch Country Club on November 10. Club groups or individuals are invited.

#### TID-BITS

Picture the following scene: While sitting at my receiver one night, I overheard two hams talking to each other on their own radios, in their own cars, and discussing the best way

to keep their own swimming pools clean and clear. Where else but in these United States could this happen?

De W3OWK, Al Joret

\*\*\*\*\*

(Note from "Mother Rat" to Rats, K3ESL, Ben and K3JJZ, El. Remember when you two did the preceding? He liked it.)

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#### TWO METER ACTIVITY

By "Tweaker Rat"

W3LHF, Dave Zimmerman

The time has come, the man said, to once again "speak of many things" but every time I start this column, I wonder where I'm going to get enough material to fill a full page! But let's have a go at it.

The past month was filled with more consistent openings to New England and also to Virginia and anyone who hasn't worked both, either has no antenna or had better inspect the feed line for leaks! August 4th was one of the best nights with Va. heard working Maine through a duct type of propagation. Both ends were weak here for a good part of the evening until about ten, and at this time the Va. stations came through about twenty over. Just about the strongest I have ever heard. A few Mass. stations were worked here including W1PSG in Cape Ann and W1BDF on Nantucket. Many others are heard almost every night and they are anxious to get all the third and fourth district stations that they can so look around fellows. K3BMP and K3KKM seem to work a good bunch of anything that is on but I don't hear too many other fellows on.

Don't make the mistake of passing by those second district calls you may hear these nights either. W2HPZ was worked here on the 9th with a very respectable signal. John is in Tivoli, N.Y., 200 miles airline from my QTH. Some parts of N.Y. state are more than 400 miles away and would represent a very good DX contact if you can do it.

I was very much surprised to work VE3CDS/W3 in a motel in Willos Grove the night before our outdoor meeting. He promised to be at the outdoor affair but something came up and he could not make it. Jerry is the President of the Ottawa VHF Club and was filling me in on the activity in his area and from what he says, two meters is more active up there than in Phila. Some of their members hear two's and three's from time to time but make very few contacts because we don't point the beams due north. I guess I'm guilty too. He said VE2SH is on at 144.2 every night at ten, standard time, calling CQ south on CW.

The outdoor meeting was very much a success, I feel, in spite of the muggy weather. The gang that showed up seemed to enjoy themselves, and I would like to thank those who assisted



in the proceedings, and those who cleaned up the area. I came out early the next morning to do a bit of cleaning up before going to work and found nothing to do. All the bottle caps and general debris had been cleaned up and all the so-called furniture was piled neatly in the garage. This is mighty fine conduct, gentlemen, and you are all welcome at my QTH at any time.

My thanks to Helen, also, for those mighty fine words of compliment on the recent stroke of good fortune. About my being modest, well, I'd sooner hear it from someone else. It makes me feel better! Hi.

(I shouldn't print the next paragraph, but to keep "Tweaker" happy, I will)

Before I run out of space, I would like to add congrats to Helen and Frankie for an excellent job in the recent Picnic. I don't mean to imply that this was a solo effort by them, for many others had a big hand in it. But really gang, where would this club be without Helen and Frankie? They would be hard to replace and I don't see how we can thank them enough for their untiring efforts.

That's about the story until next year, gang, and it has been my pleasure to impart any information that may have been useful to you. My best wishes to my replacement and I wish you all success.

73,  
W3LHF, Dave.

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So-long for a while, Dave. Let us have your address, so that you will receive your "Cheese Bits" while in Troy. Be a good "Rat" and pass the course, or Mama will spank when you return. Hi.

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HANDS ACROSS THE BORDER

Just received a copy of "Skyhook" a publication of Skywide Amateur Radio Club, Tronto, Canada, along with a letter from the Editor, VE3EXF, Len Curzon, Member of AREA.

We quote from his letter: "There was one item in your magazine on which I have taken action. That is the information about Sheri Cook. I paid a flying visit to some of the nearby Hams and sent about a dozen cards off to her, I shall also include the item in the Spetamber issue of the magazine asking the other members to do the same."

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HIGHLIGHTS OF DIRECTORS

MEETING, AUGUST 15

The meeting was held at the QTH of "Fozzy".

Of course Frankie got his annual dunking, clothes and all. He came home minus a shirt, which got lost on the way up, his wallet and keys. Good thing I have a set of car keys, or he

would have had to walk to work this morning, and that's a long walk from here to Johnsville, over 14 miles.

K3IUV, Bert, the President appointed the following as Chairmen of the committees unfilled at the last Directors meeting.

- PROGRAM: K3JZJ, Elliott Weisman
- REFRESHMENTS: K3HSS, Charles Lustick
- TECHNICAL: W3NSI, Lyn Rowland, Jr.

Charlie and Edith had the usual big set-up of food and 807's, and all who brought their bathing suits, had a good swim in their pool. Thanks again Charlie and Edith. Sorry I couldn't make it, but I quit typing at 11:30 P.M. when it was time to put a new stencil in the typewriter. I just said, "Nuts, you can wait until tomorrow."

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*Coming Events*

- AUGUST 26 YORK COUNTY HAM FEST  
Dover Fire Hall, Dover, Pa. \$1.25 per family.  
Registration starts at 9:00 A.M.
- BUCKS COUNTY A.R.C. CORN ROAST, George Washington Pavillion, Washingtons Crossing Park, Washingtons Crossing, Pa. \$1.50
- SEPTEMBER 9 SJRA HAMFEST-PICNIC (Rain date Sept. 30) Molia Farms, Malaga, N.J. K2AA talk-in: 50.5 - 28.9 - 145.8. \$2.00 Family admission.
- 12 DIRECTORS MEETING, QTH of K3GAS, Elkins Park, Pa.
- 19 REGULAR MEETING, QTH of W3JSD, Huntington Valley, Pa.

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To fill space, and in reference to the article taken from "Ham Shack Gossip" we'll reprint the following from Vol. II, number 10 "Cheese Bits" (It was writ by me.)

"WHAT IS A HAM?"

A Ham is; A Minister, a Priest, a Rabbi, a Doctor, a Dentist, a Lawyer, a Salesman, a Garage Mechanic, a Repairman, a College Professor, a Street Cleaner, a Ditch Digger, a Housewife, a President of a large Company; a Student; a Movie Star, a TV Star, a Radio Announcer, an Undertaker, a Senator, a Governor or even the President of the United States. A Ham's color is Red and Yellow, Black and White. The Hams universal language is International Morse Code. No matter who or what, a ham is just plain "Joe or Mary", to another (next page)

ham. The hams code is "Friendship and Service".

Most of all; a ham is a human being, a creation of God!

FOR YOUR MEMBERSHIP BOOK:

CHANGE OF CALL:

K3EKK/2 Lou Goetz, is now WB2CDP

CHANGE OF ADDRESS:

K3GAY, DONALD K. LAUER, XYL, GLORIA  
1039 N. 21st Street,  
Allentown, Penna.  
215-433-2507

K3KVS, JERRY POLIN, XYL, JOAN  
1714 Erlen Road, (Melrose Park)  
Phila., 26, Penna.  
215- ME. 5-4135

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THERE WILL BE NO HIGHLIGHTS OF THE AUG.  
22 MEETING AT THE QTH OF W3KKN, AS WE  
LEAVE FOR VACATION ON AUGUST 18.

\*\*\*\*\*  
MEETING NOTICES

SEPTEMBER 12 DIRECTORS MEETING

The Directors meeting will be held at the QTH of K3GAS, Doc, 7815 New Second Street, Elkins Park, Pa., on Wednesday September 12, at 8:00 P.M. If you are unable to attend call; 215-ME. 5-1078

19 GENERAL MEETING

The General meeting will be held at the QTH of W3JSD, John Houser, 612 Pinney Road, Huntingdon Valley, Pa., on Wednesday, Sept. 19, at 8:00 P.M. For directions to his QTH call; 215-WI. 7-0677.

The speaker will be, K3JJZ, Elliott Weisman, from Merc, Sharpe and Dohme. His topic will be "Thalidamide", the tranquilizer in the news which causes deformed babies.

Regarding Lou's call, that is wb2cdp. I reprinted it here in lower case as the upper case "d" looks like "o".

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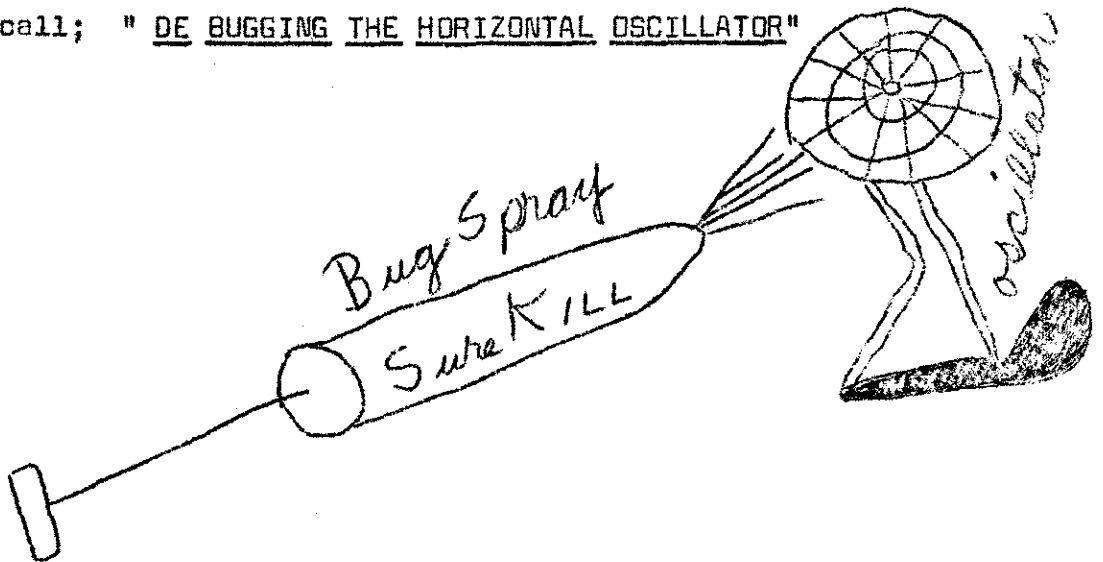
See all of you after vacation,

88,

"Mother Rat"

\*\*\*\*\*  
The following drawing was sent to me by the "Chief Slave Driver", W0CCD, Grandma Lou. She dared me to put it in, and so to prove that I am the rat she thinks I am, here it is.

This is what you call; "DE BUGGING THE HORIZONTAL OSCILLATOR"



This is what your Husband means when he says, "I'm busy dear, I'm de-bugging the Horizontal Oscillator.", and believe me, he is laying down to do it, he isn't tired from working on his set, he is just tired period. So please don't bother him.

WALKER, ERNEST KENNIS  
2823 OLD WELSH ROAD,  
WILLOW GROVE, PA.



AUG 21 1962  
MAIL ROOM  
FOR THE GREEN SHIRT

**GOLDEN  
ANNIVERSARY  
OF AMATEUR  
RADIO  
1912-1962**