

PACK RATS' CHEESE BITS

MT. AIRY V.H.F. RADIO CLUB, INC., PHILA., PA.
(50.2, 145.2, 221.4, 432.3, & 1296.4 MC.)

CLUB CALL: W3CCX

AFFILIATED CLUB: AMERICAN RADIO RELAY LEAGUE

EDITOR: HELEN BRICK, XYL, W3SAD

MEMBER CLUB: DELAWARE VALLEY COUNCIL OF AMATEUR RADIO CLUBS

MEETING NOTICES: LAST PAGE



VOLUME VIII

JUNE 1965

NUMBER 3

CUR PREZ SEZ



The death of W3UMK, Dick Berens, came as a shock to all amateurs in this area. Look inside for an obituary on Dick.

At the last meeting of the Delaware Valley Council of Amateur Radio Clubs, it was decided to have a campaign to bring all non-affiliated clubs in the area into the Council. Things are happening to amateur radio and only a big voice will be heard. With 20 member clubs, so far, the DVC is a big voice already. I would advise all clubs to inquire about the Delaware Valley Council. The Boy Scout Camporal, in May, was supplied with communications by the Council. A yearly Hamfest is in the offing as is a regional convention, and, in 1976, the Bi-Centennary of the United States, a National Convention is planned. Of course, the yearly activity of K3UN, has given DVC the recognition it deserves. Contact the secretary, W3AES, Jon Balch, 903 Chetwynd Apts. Rosemont, Pa. 19010. for all information. I have appointed W3ELI, George, and K3WEU, Paul, as delegate and alternate delegate, respectively, to the DVC.

I am anxiously looking forward to the June QSO Party. It will be a weekend of fun for all participants. Ask your family to let you take the weekend off and join us at Hilltown. See you all there!!!

The results of the Questionnaire about FCC Docket 15928 are being tabulated. Some interesting results should be forthcoming. Anyone who disagrees, should have sent in the Questionnaire, or written to Director Gil Crossley, or to the FCC. (14 copies)

Don't forget to attend the June meeting when elections will be held. Your vote is a privilege you should exercise. It will reflect how you want your club to be run. Missing this meeting, without good reason, will indicate a lack of interest.

Plans for our annual Picnic are being made, so now is a good time to talk it up on the air. We get a better attendance every year, which speaks well for

the club.

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OTHER PUBLICATIONS AND ANYTHING THAT
IS PRINTED IN CHEESE BITS MAY BE RE-
PRINTED, UNLESS SO STATED, IN ANY PUB-
LICATION AS LONG AS PROPER CREDIT IS
GIVEN.

DEADLINE FOR ARTICLES: 20th of the
month.

ALL INFORMATION SHOULD BE SENT TO THE
EDITOR: HELEN BRICK, ARNS

821 W. Lindley Avenue,
Phila., Pa. 19141
215- DA. 4-7524

PUBLISHER & SUBSCRIPTION MANAGER:

K3GAS, DOC CUTLER
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Phila., Pa. 19117
215- ME. 4-1078

TRUSTEE OF CLUB CALL: W3CCX

W3SAQ, FRANCIS BRICK
821 W. Lindley Avenue,
Phila., Pa. 19141
215- DA. 4-7524

AWARDS CHAIRMAN:

W2EIF, JOSEPH KILGORE
#5 Sunnysbrook Court,
Stratford, N.J. 08084

DIRECTORS' MEETINGS are held on the
second Wednesday of each month at
designated locations.

MONDAY NIGHT NETS:

7:30 P.M. - 145.2
8:30 P.M. - 50.2
9:30 P.M. - 221.4
10:30 P.M. - 432.3

OFFICERS: 1964 - 1965

PRESIDENT: K3GAS, DOC CUTLER
VICE-PRES: W2EIF, JOSEPH KILGORE
COR. SEC.: W3SAQ, FRANCIS BRICK
REC. SEC.: W3HAB, MONROE POWELL
TREASURER: W3MVF, DAVID BLOCH

DIRECTORS: K3HWZ, WILLIAM MCCLUTCHEON

W3HFX, HAROLD GRACE
W3HKZ, EDWARD KUSHNER
W3LHF, DAVID ZIMMERMAN
W2AXU, JOHN POWER
K3CIV, RALPH HERSH
(EX-OFFICIO)

OUR PREZ SEZ (cont'd)

Send in to W3ZRR, Ray Whitehead, for
articles wanted as well as those for
sale. Only good articles, please.

73, K3GAS, Doc.

JUNE BIRTHDAYS

K3LOM, Harry; K3EQU, Paul; K3IUZ, John
and K3IUV, Bert.

Congratulations, and may God grant
you life to enjoy many more.

OFFICIAL NOTICE

ELECTION OF OFFICERS FOR 1965-1966
WEDNESDAY, JUNE 16, 1965
COME OUT AND VOTE!!!!

PHILA. COUNTY AREC

PLANNING MEETING: JUNE 30, Wednesday
at 8:00 P.M.

REGULAR MEETING: JULY 7, Wednesday,
at 8:00 P.M.

Since the schools will be closed for
the summer vacation, the meeting
places will be announced.

Contact W3ELI, George Van Dyke, SEC,
E.Pa. at NE. 7-8329.

ARRL BULLETINS

NR. 3, APRIL 29

Attention DXers. Announcement is
hereby made of the addition to the
ARRL Countries List of San Felix Is-
land. Located some 550 miles off the
central west coast of Chile, San Felix
is territory belonging to Chile.
Acceptance of this island is in accor-
dance with point 2A of the criteria,
see July 1963 QST DXCC Note.
Confirmation for contacts with San
Felix Island may be submitted for DXCC
credit starting August 1, 1965.
Confirmations received for this listing
before August 1, 1965 will be returned
without credit. AR

NR. 5, MAY 13, 1965

All amateurs located in the ARRL field
organization, individuals as well as
clubs and groups, are invited to par-
ticipate in the annual Field Day, June
26 and 27. This annual exercise of
emergency powered equipment is the
ideal time to test gear such as gen-
erators, batteries, mobiles, portable
rigs, easy to assemble antennas, etc.
Convenient log forms and summary sheets
are now available on request from
ARRL Communications Department, 225
Main Street, Newington Connecticut
06111. Rules for Field Day appear in
June QST. AR

NR. 6, MAY 24, 1965

The ARRL Board of Directors, meeting
in Quebec, May 21 and 22, voted to
support the principles of FCC Docket
15928 on Incentive Licensing, but
asked that Advanced Class Licensees
be granted First Class Licenses with-
OUT FURTHER EXAMINATION. It decided
the prefix for Extra Class call signs
should be W, WA, WB or K, and the nu-
meral and suffix of all call signs
should not be changed throughout an
amateur career so long as the amateur
remains within a call area.

The Board felt that the proposed re-
stricted voice band at 21 Mc should be
only for Extra Class. FCC is urged to
postpone any new suballocations for
six and two meters pending further
studies concerning incentives for
those bands. The Board also asks that
FCC require two volunteer examiners be
present for each Conditional and Tech-
nician Class examination.

The 1965 ARRL Merit Award will be pre-
sented to Project Oscar in recognition
of Oscar Three.

The Board tendered its congratulations
and best wishes to the ITU celebrating
its Hundredth Anniversary.

Full text of the minutes will appear
in July QST. AR

IN MEMORIAM

It is with deep regret we record the passing of Richard C. Berens, W3UMK. "Dick" was a very well known and respected member of the Amateur Community, being active principally on 10, 6 and 2 meters.

Having served as Acting Chairman of the Delaware Valley Council of Amateur Radio Clubs since the passing of John Harris, W3AYG, last year, he was instrumental in the organization of the Council, and through the years had served in all the offices of that organization. Dick was a member and past president of the Delco Radio Club, a member of the Phil-Mont Mobile Radio Club, the North Penn Amateur Radio Club, the West Philadelphia Radio Association, the Defense Clothing and Textile Amateur Radio Club, ARRL, Amateur Radio Editors Association, and was a charter member of the Main Line VHF Association. Long active as a member of RACES, he served on the municipal and county levels as CD Radio Officer, and had been active in the Montgomery County AREC since its inception.

Dick was a management expert, and was for some years an employee of the U.S. Government, his most recent position being with the Defense Clothing and Textile Supply Depot in South Philadelphia.

He is survived by his wife, Catherine, and a daughter, Constance, 7.

We join with his family in mourning the loss of such a personable and active member of the amateur community and friend.

(The preceeding was written especially for Cheese Bits by W3AES, Jon Balch)

The following poem is dedicated to Dick by the Mt. Airy V.H.F. Radio Club and the Editor.

SOMETHING GOOD ABOUT YOU

By the late Rev. Williams Barnes Lower

How it would help in the work of the day,
As we pass by, on the busy highway;
To have some one say, without much ado,
You know, "I heard something good about you."
When you've bestowed comfort to those in pain,
Or cheered one who's lost, to take heart again;
It helps when you're weary to hear some one say,
"I heard something good about you, today."
When you have suffered the undeserved kick,
And harsh words around you fall fast and thick;
A friend comes and says, when you're sure feeling blue,
You know, "I heard something good about you."
And when I have covered the last rugged mile,
I know there's One who will give me the smile;
And say from a heart so kindly and true,
Come in, "I know something good about you."

EDITOR'S CORNER

PLAGARISM CAN BE COSTLY

We feel sure that no one would like to see the club sued for reprinting articles in Cheese Bits that have been lifted, word for word, from another publication without a credit line or permission to reprint.

In the April and May issues of Cheese Bits, articles were printed, unknown to the editor that they were lifted from another publication. This not only left the club open for suit, but also endangered the standing of the other publication with the manufacturers of advertised products, and also violates their copyright.

We received a very nice note from the editor of the other publication, and we hereby publicly apologize to him.

(Note: The other publication is commercial)

DID YOU KNOW

That Mother Rat was accused of having the wrong dates for the CQ Magazine VHF Contest? Only one comment; Read "Coming Events" on page 11 of the May issue.

That K3GQZ, Herm, reports that W2SXO, Bill Stites is very ill at home? Send him a card. 97 Fairview Ave., North Plainfield, N.J. 07060. Get well soon.

That K3CIV, Ralph Hersh, was, and perhaps still is, in the Temple Hospital? Send cards to his home; 8435 Cedarbrook Ave., Phila., Pa. 19150

THE LAW OF R.A.T. IS EXPOSED

History will show that when certain natural functions of nature are discovered to be present at all times, a law is soon worded up that describes this otherwise unexplainable phenomenon.

The law of gravity is a typical example. In the fields of electricity, magnetism and electronics, there are many basic laws which cannot be refuted: Ohms law, Kirchoff's law, Bessel functions and Faraday's law cannot always be explained, but nevertheless have never been proven wrong.

Such is the case of the law of R.A.T. which resulted from many events that occur frequently in the life of every ham. How else can you explain why it is that every time you build an amplifier it turns out to be an oscillator and at the same time, if you connect up a circuit that is supposed to oscillate it invariably functions better as an amplifier?

Mysterious forces are obviously functioning when you invariably connect pairs of wires together the wrong way first. Then in the case of shooting trouble, the last tube in the unit is always the one that is bad. This is the law of R.A.T.

Consider the case of the ham who tested his emergency power generator for field day every week throughout the year. After all those weeks of testing he took it out to the field day site--you guessed it!-- the generator would not start. The starter button failed, having worn out by the many weeks of testing.

How else can you explain the fact that the intermittent in your mobile rig never shows up when you are trying to find it, but always waits until you are on vacation many miles from your shack and soldering iron?

Now you have the idea. You can no doubt remember many incidents of a similar nature.

Although the basic law of R.A.T. cannot be defeated, if you are aware of it, you can take steps, in your mind, to prevent complete frustration. Even though you act oppositely to your first intuition, the law will still defeat your reasoning powers.

Name withheld.

NEW PRODUCTS OF INTEREST TO HAMS

By W3MSI, Lynford Rowland Jr.

1. Transistor Communications Receiver

Eddystone of England has just come out with a 10 transistor 5 band single conversion communication receiver for general coverage use. Overall dimensions are 8" x 8" x 12" and a handle is mounted on each end for ease of transporting the unit. Most of the front panel is dial which appears to be the very smooth # 898 type having 55 turns of the knob to cover each range. Bandspread is not provided and this does make tuning the 20-15-10 meter bands a little difficult. The wiring and components were checked and found to be of high quality.

Price - \$215 Available L & M Assoc. Phila.

2. Miniature Module Oscilloscope

James Millen Co. now has a scope module for use with the new N.U. 10P1 series of tubes. These are 3/4" face units and plug into 9 pin sockets. The module is 1 1/4" wide, 2 1/2" high and 3 1/2" deep. Unit will operate on 650-1100 VDC and requires 6.3 at 215 Ma fil. Four panel controls are Internal: Focus, Vertical centering and Horizontal centering.

Price - \$35

3. Nuvistor

The new RCA 8627 Nuvistor triode will operate to 1200 Mc and is rated at a power output of 1.4 watts at 1000 Mc. Plate efficiency is 40%. Designed for cathode drive circuits, the plate connection is made to a top cap, just as with the type 8059. Fil. 6.3 at 150 Ma.

Price - Not announced

Note - Hallicrafter Co. has indicated they will have a 500 W, 80-40-20 SSB Trans rec. unit available soon. It is not clear if this is a high power version of the SR 160 or a completely new unit.

REMINDER!!! ELECTION OF OFFICERS, WEDNESDAY, JUNE 16, 1965. BE PRESENT!!

THE PACK'S RAT

By K3PXT, Carmen J. Diodati

If you listen to the Bucks County Police frequency you may hear the words, "Calling Car 54, Proceed to x and Main Street 50." The voice you hear is that of W3BRU, Frank Benner of Parkside, Pa. Frank is about the only club member whose hobby and vocation run a parallel course. Frank enjoys his work as a police dispatcher and is really handy to have in that position during the VHF contest.

Frank became interested in hamming when he got tired of HO trains. He enjoys rag chewing, and accordingly, he holds the Bull Throwing Certificate, Number 0001. He has three harmonics, Linda Anne, age 15; Linda's hobbies are akin to all girls her age; Susana Maria is 12 years old; her favorite pasttime is chatting about the day's events and other various subjects; Frank, Jr., who is only seven, is an avid Hot Rodder.

Frank's NYL (Nice Young Lady), Anna, enjoys sewing and the various other items that keep a housewife busy.

Frank's biggest complaint is that the members do not beam N.W. during the VHF contests. Frank enjoys being a Pack Rat and the fellowship he finds among the members. He therefore looks forward to each meeting night. So if you don't get to talk to him on the air, have an eyeball at the meetings.

SLATE OF OFFICERS, 1965 - 1966

PRESIDENT.....	K3GAS, DOC CUTLER
VICE-PRESIDENT.....	W2EIF, JOSEPH KILGORE
CON. SECRETARY.....	W3SAO, FRANCIS BRICK
REC. SECRETARY.....	K3OBY, JAMES BOWMAN
TREASURER.....	W3MVF, DAVID BLOCH
DIRECTORS:.....	W3ELI, GEORGE VAN DYKE K3HSS, CHARLES LUSTICK

Nominations will still be accepted from the floor.

Wednesday, June 16th is an important meeting, so do your best to be present. If for any reason it is necessary for you to absent yourself, please notify any Officer or Director.

DID YOU KNOW

That for \$1.00 you can get a compilation of the story of "Fifty Years of ARRL"? Just send your buck to ARRL headquarters and request a copy.

That W3IBH, Charlie, has been back in the hospital and home again? Cut it out, Charlie, stay home.

That Mother Rat has been pulling a "boo-boo" in the spelling of K3IFH's, Ed, handle? Sorry, Ed, have corrected it in the new book.

That K3BHK, Jerry Tessler and K3KVS, Jerry Polin are in partnership in two separate businesses? K3BHK in Camden and K3KVS in Cheltenham. K3AUH, Al, is in with K3KVS.

That K3GAS, Doc, has appointed W3MVF, Press, to be chairman of the January, 1966 VHF Contest?

That congratulations are in order to the Mobile Sixer's and the Reading Radio Club for coming in 3rd and 4th in the 1965 January VHF Contest?

That we have a new radio club in the area? Bucks County Amateur Radio Club and the Windsor Radio Club have merged and the new name of the club is Penn Wireless Association.

That W5NFD, George, our "Rat" in Texas, sends best wishes to all and reports a sensational opening on 220 from Texas to Florida?

SOME QUOTES FROM W5NFD'S, GEORGE GAKOUMIS, LETTER

"Since I was in contact with the gang last, Philco has moved their offices to the Manned Spacecraft Center, at Clear Lake, Texas. Since the move, I am driving approximately 95 miles per day which leaves little time off for much else....."

Last month I attended a NASA amateur Radio Club meeting. Most of the VHF people out in the Clear Lake area do not populate 6 because of Houston channel 2. Because of the long drive, I probably will move out that way soon, so then I can be a pioneer again as I was in Levittown, Pa. Remember?

(Cont'd next page)

W5NFD's letter (cont'd)

Before GT-4 lifts off from the Cape I hope to get something into Cheese Bits about it, right now, almost everyone at work is trying to ready Houston for mission control. (George, you didn't quite make it, today is June 3rd, but we forgive you.)

At this time I am working on advanced plans for remote control of the remote sites eventually from Houston. During this coming mission and the rest of the Gemini series, flight controllers will man the remote sites around the world. This we hope to change for the Apollo series."

(Note to the editors of exchange papers: The preceding quotes are NOT for reprint. Thank you.)

PACK RATS AWARD

Even though we have not mentioned the Pack Rats Award lately, it is still available. For those who do not know about it, we will repeat the rules.

Work 30 Pack Rats within a 50 mile radius of Philadelphia, Pa.

Work 10 Pack Rats outside the 50 mile radius.

Frequencies: 2 meters; 6 meters; 220 Mc/s; 432 Mc/s and 1296 Mc/s.

Send the list of calls, date and time of contact to the Awards Chairman. (See page 2 for name and address) It is not necessary to send a confirming QSL card for each contact.

Net Control, only, counts as a contact during any net, however, you may ask any member to stand-by for you after the net.

If you do not have a list of the Pack Rats, and you would like to have one, send a note to the Awards Chairman, or better yet, attend our Family Day and Picnic on Sunday, August 8, (rain date; August 15) at Fort Washington State Park, Flourtown, Pa. Lists will be available there.

LATE ARRL BULLETINS

(ALL DATED JUNE 2)

NR. 7

An exceptional opportunity for DX on 432 Mc. will be available on July 3 and 24. On these two dates the 1000 foot reflector at Arecibo, Puerto Rico, will be fired up by KP4BPZ, and used for amateur moonbounce communication for the total time that the moon is within range, just over 2 hours. The July 3 test will start at 1942 GMT with a two minute c.w. CQ from KP4BPZ on 432.000 Mc. It is suggested that replies be made between 432.01 and 432.1 Mc. Tests will also be made on s.s.b., lower sideband. The July 24 test will start at 1110 GMT. More details will appear in July QST. AR

NR. 8

Project Oscar requests all data reports covering Oscar III up to orbit 1000 be submitted to the project as soon as possible in order that the preliminary report for this experiment be completed. The Oscar III telemetry beacon on 145.85 Mc. is now operating on solar cells. On some occasions the beacon goes off the air when the satellite passes into the shadow of the earth. At other times it remains operating in the darkness, depending upon the temperature of the package. A thermal switch connects an auxiliary battery to the equipment when package temperature is low. For orbits above 1000, Project Oscar requests continued surveillance of the 145.85 Mc. telemetry beacon aboard Oscar III. When the orbit number exceeds three digits, the last three digits should be used on the reporting form or for RTTY tape. For example, orbit 1132 should be logged as orbit 132. AR

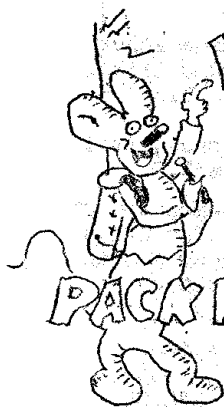
NR 9

On June 1, Brazil and the United States signed an agreement to permit the exchange of messages on behalf of third parties, by amateurs of the two countries. The amateurs must have no pecuniary interest in such messages, and it must be traffic not considered important enough to be handled by regular commercial channels. The U.S. has previously signed similar agreements with Bolivia, Canada, Chile, Colombia, Costa Rica, Dominican Republic, Ecuador, El Salvador, Haiti, Honduras, Liberia, Mexico, Nicaragua, Panama, Paraguay, Peru and Venezuela. AR

From the Sunday Bulletin Magazine, May 30, 1965 Unfinished Business by
Franklin P. Jones

There's a special name for pedestrians who obey common-sense rules in crossing streets. They're called survivors.

CQ, CQ, all friends, de



W3GGX / from Flourtown, Pa.

announces the 10th

PACK RATS Annual Family Day +
Picnic at Fort Washington
State Park in Flourtown, Pa.

Sunday, August 8, 1965 (Rain date: Aug. 15)

Gifts, Games, Soda and Fun, all for
\$1.00 per family, payable at the park
only. No transmitter hunts!

Please, no alcoholic beverages. State
law prohibits.

TALK-IN FREQUENCIES: 145.2 and 50.2 Mc/s. W3CCX will be on, from the park
at approximately 10:00 A.M. Fixed stations will be on
the air as early as 6:00 A.M. on the same frequencies.

DIRECTIONS: PENNSYLVANIA TURNPIKE DRIVERS: GET OFF AT THE FORT WASHINGTON
EXIT AND FOLLOW THE RAT SIGNS TO THE PARK.

ROUTE 309 DRIVERS: (SOUTH ONLY) LOOK FOR THE RAT SIGN JUST SOUTH
OF ROUTE 63 INTERSECTION. (JUST BELOW THE 309 DRIVE-IN MOVIE)

ROUTE 73 DRIVERS: (EITHER WAY) LOOK FOR THE RAT SIGNS AT THE
BETHLEHEM PIKE INTERSECTION.

SIGNS WILL ALSO BE POSTED AT STENTON AVENUE & BETHLEHEM PIKE,
STENTON AVENUE AND MILL ROAD AND AT GERMANTOWN PIKE (ROUTE 422)
AND BETHLEHEM PIKE.

THE SIGNS WILL BE EASY TO SPOT AS THEY ARE YELLOW WITH LARGE
BLACK LETTERING AND A LARGE BLACK RAT IN THE CENTER.

REMINDER: THE PICNIC IS IN THE FLOURTOWN DAY AREA OF FORT WASHINGTON STATE
PARK AND NOT IN FORT WASHINGTON, PA.

FOR FURTHER INFORMATION CONTACT: W3SAO, FRANCIS D. BRICK, PICNIC CHAIRMAN
821 W. Lindley Avenue,
Phila., Pa. 19141

SWAP & SHOPPE

Conducted by: W3ZRR, Raymond Whitehead, 4534 N. Smedley Street, Phila., Pa.
19140 215-DA. 4-5910

(Editor's note: PLEASE send all items for "Swap & Shoppe" to Ray and NO ONE ELSE!!!!)

FOR SALE: Harvey Wells TBS500, 807 Final, 6L6 modulators, carbon mike input.
Covers 80,40,15, 11, 10, 6 and 2. Original condition. Unmodified. \$25.00

(Sold)

Tecraft 220 mc, 6360 final, 6AQ5 modulators, Xtal mike input, xtal
for 221.4 mc. "On the air time" about 10 hours. \$35.00

Home Brew 220mc "Barry" exciter with 6360, final is 5894-mounted on
10 1/2 inch rack panel with SWR bridge, coax relay and xtal for 221.4
mc. Power supply modulator on matching rack panel, (Ranger I with
RF sections removed) \$60.00

Heath kit "Sixer" \$20.00

Harvey Wells TBS500, 807 Final, 6L6 modulators, xtal mike input,
converted by W3OHY for 6m operation only. PI output net. with
power supply, SWR bridge and coax relay. \$60.00

ARC-3 832 final on 2m \$5.00

BC-645 "Tail End Charlie" Transceiver, converted and working on
425 - 435 Mc \$10.00

RECEIVERS

BC-348-R 200-500 kc, 1.5 - 18 mc, has added audio stage for speak-
er, separate RF and AF controls, Matching cabinet with receiver
power supply, Tecraft 2m converter, K3IUV 6m converter, switch for
selection of LF antenna, 6, conv. or 2m conv. \$80.00

R-48 converted to AM, covers 215 -245 mc with TNS and Ameco nuvis-
tor preamp \$40.00

MISC.

Globe UM-1 modulator with self contained power supply, xtal mike
input, 6L6GB multimatch output \$20.00

Eico 5" scope MODEL #425 works but isn't the world's greatest on
linearity. Adequate for a modulation monitor \$10.00

RTTY (THIS GOES AS A PACKAGE UNIT AND WILL NOT BE SOLD PIECE BY
PIECE. PRICES SHOWN ARE FOR "GROUP SPLIT UP" PURPOSES)

Model 15 page printer - 60 wpm with local loop power supply. Com-
pletely converted with sync motor (\$100.00)

Blind Keyboard Model 15 KB with sync motor drive, with model 19
character counter and warning light. In steel cabinet (\$25.00)

Model 14 combination tape printer-perforator and transmitting dis-
tributor. 60 wpm with local loop power supply. With power supply
for magnetic clutches on TD. In steel cabinet with hinged plexi-
glas door. (\$60.00)

Model 14, as above, but 75 wpm (60wpm gears included but not in-
stalled) No cabinet (\$30.00)

W2JAV tube type terminal unit with trigger and coupling lamps.
Metered for polar or selector output. Audio oscillator correctly
tuned with Hi or Lo level output. Scope output jack. with power
supply. All on 3 1/2 inch rack panel. (\$30.00)

MISC.

Governed motor for 15, 60wpm gears

About 30 rolls of tape for 14

Four extra adjustable local loop supplies

Transistorized terminal unit

Mil manuals

Misc parts for 14

Several rolls of paper for 15

PACKAGE PRICE \$225.00

CONTACT: W3GLI, GEORGE REID, 20 Cypress Lane, Berwyn, Pa. 19312, 215-NI. 4-
0187

WANTED: 6 & 2 meter beam. one rotator

CONTACT: WA3CPL, WAYNE HUPOLD, 215-LI. 9-2278

(Editor's note: The next two items are lengthy, so we will continue "Swap &
Shoppa" on the next page)

SWAP & SHOPPE (Cont'd)

<u>FOR SALE:</u> Hallicrafter Skyrider	SP44 Panadapter	\$50.00
Millen Grid Dipper		
RME 6 & 2 transmitter		\$100.00
Ameco TX 62 transmitter		\$100.00
Clegg '99er		\$90.00
Heath Twoer		\$40.00
Filter King converter, 6 & 2		\$40.00
Gonset speaker in cabinet		\$15.00
Heath Shawnee, 6		\$175.00

CONTACT: K3LBT, ALFRED OBENLAND, 99 W. Roselyn Street, Phila., Pa. 19120
215-4A. 4-7086

FOR SALE: Drake 20 with calibrator and speaker. Excellent condition, \$180.00
low price for quick sale.

Telrex 11 element 6 meter beam, 35' boom. Excellent cond. \$65.00

Redline custom built 6 meter converter, 6 nuvistors, 7-9 Mc. IF.
With power supply and cables. Originally \$110.00 Price \$60.00

CONTACT: WB2CUD, COLLIN DEAKIN, 1424 Clinton Avenue, South Plainfield, N.J.
07080

NOTICE- PHONE PATCHERS

Bills have been introduced into several state legislatures, apparently prompted by the telephone companies, providing penalties for fraudulent attachments, such as a device to jam the automatic billing system for long-distance dial calls. This is a matter of some concern to us in the event any such adopted legislation might erroneously be construed to apply to amateur "phone patches" however uncertain their legal status under tariff provisions. A bill in the Wyoming Legislature was side tracked through prompt action by alert local League officials; there is another under consideration in Colorado, also in good hands; and I believe one in Indiana.

It would be well to alert clubs in capital cities to be on the lookout for such legislation proposals. Should they appear, please contact General Counsel Booth. He is, at the moment, attempting to clarify this matter at the national level, but would be prepared to provide interim advice on specific situations.

J. Huntoon, ARRL

From; Mike & Key, Greater Cincinnati Amateur Radio Association,

67466 FCC PUBLIC NOTICE-S
May 4, 1965

FIRST ALIEN AMATEUR AUTHORIZATION UNDER PUBLIC LAW 88-313

The Commission today issued the first permit for operation of an alien's amateur radio station in the United States, as authorized by Public Law 88-313. It went to Mrs. Grace Ruiz Castro Glorioso, licensee of Costa Rican amateur radio station T12MAG, who is now in the United States.

(We omit the next paragraph as it explains the Law 88-313 regarding reciprocal licensing.)

Costa Rica was the first country to effect a reciprocal agreement with the United States under the 1964 law. Similar agreements have been negotiated with three other Latin American countries, and many more are being negotiated with nations throughout the world.

(Last paragraph tells how an alien must file an application).

From: Amateur Radio News Service Bulletin.

QRRR

You've all heard of, and know the meaning of "MAYDAY" and "S.O.S.!", but how about QRRR? This is the official A.R.R.L. distress call to be used only in an emergency.

One of our ex-members, Norm Lawrence, VE3EUX, heard this call for help a few weeks ago; but unfortunately, was unable to make contact. The following is a follow-up to Norm's inquiries:

"Dear OM Norm:

In reply to your letter regarding the QRRR sent by me, W6FAY/MM. I was aboard a Merchant vessel the M/S Westgate about 100 miles WNW of Bermuda in a very ruff storm. Waves 30' high and gale force winds. The ships commerical fre-
(next page)

quency antenna were ripped down by the seas and wind. It was very important that we get WX info on the storm so as to know which way to run. I tried over one hour to raise someone on CW but as you know the CW contest was on that weekend. Not being able to raise anyone by conventional means, I decided for the first time in my 30 years of hamming that it was time to QRRR! Believe it or not, it took about an hour to get a reply to QRRR. Guess the guys were too busy to help or they did not know what it meant.

(Underlining supplied by Mother Rat)

Finally a W4 answered and called WX Central for the badly needed info. We turned and ran from the storm but only managed to make 100 miles in two days!!

We had a life boat smashed as well as my radio room door and my poor Swan-350 got soaked with cold salt water on hot tubes (they shattered). However Swan Electronics just 35 miles north of my home are kind enough to give me a complete new outfit!!! HOW ABOUT THAT???

I am sending the info regarding the QRRR and the lack of response to AREC at ARRL to shake up the gang a bit and to also commend the few that helped me at a very bad time at sea. 73 ES DX"

From "Skyhook" via "The W8FT NEWS", Findlay Radio Club, Van Buren, Ohio

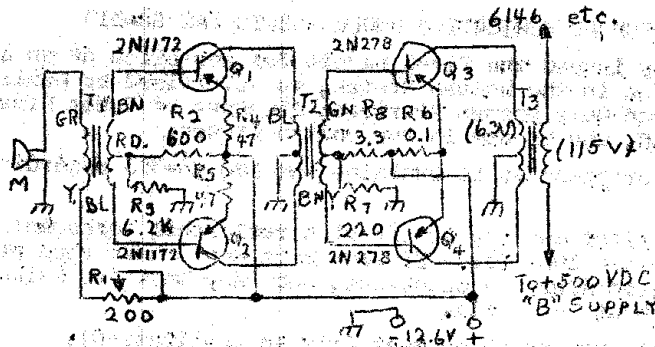
EDITOR'S COMMENTS: Two important things have been pointed out in the above letter; 1. "too busy to help" Let this be a reminder to keep an ear cocked for QRRR during all CW contests, or any other time you operate CW. If you do hear one, be sure to answer it, and if you are not able to make contact, report it and clear the frequency!

2. "they did not know what it meant" This is so true of many hams. Many times I have posed the question, "If "MAYDAY" is the distress call for phone operation, what is the CW distress call?", and you would be surprised at how many did not know or answered "QRR." In the Boy Scouts of America book on radio communications, which they use for the Radio Merit Badge, it states that QRR is the ARRL distress signal. They are even taught the wrong distress signal.

NOW IS THE TIME TO STUDY AND LEARN THE ARRL "Q" SIGNALS"!!!! They appear in the ARRL Handbook and also in the Callbook.

This is nothing to pass-off lightly for God forbid, but someday YOU may need help.

TEC - NIK - CAL
12 VOLT 25 WATT MODULATOR



DELCO RADIO (From VHFER)

- | | |
|-----------------------|--------------------------|
| T1 - Thordarson TR-5 | M - Single Button Carbon |
| T2 - Thordarson TR-21 | R1 - 2 watt pot. |
| T3 - Thordarson 21F10 | R6 - 5 watt w/w |
| | 3,4,5,7,8 - 1watt each |

MEMBERSHIP BOOKS

The new membership books are ready for distribution and you should receive yours soon.

Mother Rat made two goofs, one of omission and one wrong phone number. This occurred because I was requested to list all members together instead of listing the Retired and Student members separately. In order to get each one in the correct order I used the list that was printed for last year's picnic, and forgot to add one of the newer members. In the case of the phone number, I had the correct exchange, but the number of the next member on the list.

MEETINGS

WEDNESDAYS

1965

JUNE 16		OCT. 20
JULY 21	- QTH of W3JSD, JOHN HOUSER	NOV. 17
AUG. 18	- QTH of W3LHF, DAVE ZIMMERMAN	DEC. 15
SEPT 15		

GENERAL MEETINGS ARE HELD ON THE THIRD WEDNESDAY, when possible at the WEST OAK LANE JEWISH COMMUNITY CENTER, SEDGWICK AND THOURON STREETS, MT. AIRY, PHILA., PA. at 8:00 P.M.

A good phone number to leave at home when attending the meeting is; LI. 8-8000 just in case an emergency should arise at your QTH.

MEETING NOTICES

JUNE 9

DIRECTORS MEETING

The Board of Directors' Meeting will be held at the QTH of W3HAB, Monroe Powell, 1609 Center Road, Feasterville, Pa. If for any reason you are unable to attend, PLEASE call 215- EL. 7-2054. (This may seem silly to most of you, BUT it is important that the hostess know how many to prepare for). WEDNESDAY, JUNE 9 at 8:00 P.M.

ALL Past Presidents have a standing invitation to attend the Board of Directors' Meetings.

JUNE 16

GENERAL MEETING

The General Meeting will be held on Wednesday, June 16 at 8:00 P.M.

ORDER OF BUSINESS: ELECTION OF OFFICERS for 1965-1966 Nominations will still be received from the floor. Show an interest in the management of YOUR CLUB by being present.

EVENT OF THE EVENING: AUCTION!! AUCTION!! AUCTION!!

JUNE 30

PHILA. COUNTY AREC

PLANNING MEETING

The Phila. County AREC Planning Meeting will be held on Wednesday, June 30. Be sure to contact W3ELI, George Van Dyke at NE. 7-8329 for location. Time: 8:00 P.M.

FOR YOUR MEMBERSHIP BOOK

CORRECT PHONE NUMBER:

W3BVR, TED LEAF, 215- FL. 2-5548

NEW PHONE NUMBER:

W2EIF, JO KILGORE, 609-783-9478

OMITTED MEMBER:

K3UJD, MARIO W. FONTANA, XYL, FLORENCE
620 W. Bristol Road,
Ivyland, Pa. 18974
215- OS. 5-3984

WB2EEH, JOE RAFFO, XYL, MADELINE
1078 Park Drive,
Ancora, N.J.
609- LO1-5815

QUOTES

'A little kindness goes a long ways sometimes when it should have stayed home'.

' A goblet is a small sailor'.

' Try praising your wife, even if it frightens her at first'.



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

PAOR HABS CHEESE BILLS
801 W. Lindley Ave.
Phila., Pa. 19141