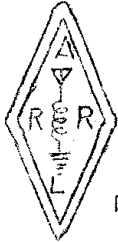


# PACK RATS' CHEESE BITS



MT. AIRY V.H.F. RADIO CLUB, INC., PHILA., PA.  
(50.2, 145.2, 221.4, 432.3 & 1296.3 MC.)  
CLUB CALL: W3CCX



AFFILIATED CLUB: AMERICAN RADIO RELAY LEAGUE

EDITOR: HELEN BRICK, XYL, W3SAD  
MEMBER: AMATEUR RADIO NEWS SERVICE

MEMBER CLUB: DELAWARE VALLEY COUNCIL of AMATEUR RADIO CLUBS  
MEETING NOTICES: LAST PAGE

VOLUME X

APRIL 1967

NUMBER 2



PASSOVER

APRIL 25 - MAY 2

Happy  
Passover

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

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DEADLINE FOR ARTICLES is the 20th of the month.

THIS SPACE RESERVED FOR THE

ALL INFORMATION SHOULD BE SENT TO THE EDITOR: HELEN BRICK, XYL, W3SAD  
821 W. Lindley Avenue,  
Phila., PA 19141  
215- DA. 4-7524

PRESIDENT'S MESSAGE

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

CODE PRACTICE:  
7:00 P.M. to 7:30 P.M.  
MONDAY thru FRIDAY, 50.2 Mc.  
by W3CL, Harry Stein

MONDAY NIGHT NETS:  
145.2 - 7:30 P.M.  
50.2 - 8:30 P.M.  
221.4 - 9:30 P.M.  
432.3 - 10:00 P.M.

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\*\*\*\*\*

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E.C.: W3PST, WOODY HALDEMAN  
1732 Loney Street,  
Phila., PA 19111  
215- RA. 5-1106

GENERAL MEETINGS: FOURTH WEDNESDAY of each month at 8:00 P.M.

If you are not already a member, get in touch with Woody.

May 3rd, Medical Disaster Drill

PASSOVER

From; "Only in America" by Harry Golden (Evening Bulletin, April 4, 1966)

The Feast of Passover is probably the only religious holiday which is as old as recorded history itself. Some scholars believe it began as a festival in which the people performed rituals to keep their houses free of disease, sickness and hunger. When the Hebrews left Egypt, Passover became an agricultural festival.

"And they baked unleavened cakes of the dough which they brought forth out of Egypt, for it was not leavened, because they were thrust out of Egypt, and could not tarry, neither had they prepared for themselves any victual." (Exodus 12:39)

Unleavened bread was used regularly in the sacrificial ritual of the Temple at Jerusalem. This ritual took place in the spring, the time of year when life is young and everyone wants to begin afresh, just as the Hebrews began afresh when they escaped from the Pharaoh. Thus, St. Paul says, "Clean out the old yeast so that they may have fresh dough."

The well-to-do had complete sets of pots and pans and tableware used only on Passover. The poor cleaned and scoured everything, boiling each pot and plate, and utensil to remove every trace of what had gone before and to prepare for the unleavened bread of the "new grains" (matzoh) and the symbolic eating of the paschal lamb and the bitter herbs.

In the old days, the Jews ate a lamb which had been sacrificed to God. Today, a symbolic roasted shank bone rests on the center plate during the Passover meal, the Seder. Christianity used this idea when the disciples said Jesus was the paschal lamb of the world. For this reason the three Synoptic Gospels call the Last Supper the Passover meal. (Matthew 26:17 - 23)

Every ritual at the Passover Seder is symbolic of the history of the Jews. Next to the plate with the shank bone is the dish of salt water, beside it a few sprigs of parsley. Each of us dips the parsley into the salt water and tastes it. The parsley is green, the new and happier life out of the tears, freedom out of slavery.

For the Jews, of course, Passover means the escape from bondage and slavery and the beginning of a history as a people. What is even more important is a family holiday celebrated in the home.

On Passover night, Jews in every nook and corner of the world, in battle, in camps, in the desert, on land and on sea, will observe the Passover and at the Seder (Passover meal) they will read the Exodus story in a book called the Haggadah which asks that:

"In every generation let each man look on himself as if he came forth out of Egypt."

This undiminished vitality the Jews have lent to Christianity and to Western civilization. The Plymouth Bay Colony expressly drew up its constitution on the same principles of Nehemiah after the Jews' return from the Babylonian Exile. The Massachusetts Bay Colony also obeyed Moses in framing its laws.

And also on the Liberty Bell in Philadelphia is the Passover prayer from Leviticus 25:10:

"Proclaim liberty throughout all the land, unto all the inhabitants thereof,"

\*\*\*\*\*

THE LORD IS LIKE MY PROBATION OFFICER...

PSALM 23

From: "GOD IS FOR REAL, MAN!"

Interpretations of Bible passages and stories, as told by some of God's bad-tempered angels with busted halos to Carl F. Burke, Chaplain of Erie County Jail, Buffalo, New York.

The Lord is like my Probation Officer,

He will help me,  
He tries to help me make it every day.  
He makes me play it cool  
And feel good inside of me.

He shows me the right path  
So I'll have a good record,  
And he'll have one too.

Because I trust him,  
And that ain't easy,  
I don't worry too much about  
What's going to happen.  
Just knowing he cares about  
Me helps me.

PROBATION OFFICER (cont'd)

He makes sure that I have my food  
And that Mom fixes it.  
He helps her to stay sober  
And that makes me feel good  
All over.

He's a good man, I think,  
And he is kind;  
And these things will stay  
With me.

And when I'm kind and good  
Then I know the Lord  
Is with me like the Probation Officer.

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GUEST EDITORIAL

MEN OF TOMORROW

By Ray McCoy

From: SHACK-YAK, Boys Town Amateur Radio Society

Who am I talking of when I speak of "Men of Tomorrow?" I am talking of our young men who will be the leaders of tomorrow. They will be faced with the problems of the world in which we live. They will be responsible for the education and preparation of new generations to carry on where they leave off.

Men of Tomorrow, we have the obligation of preserving this country by upholding the Constitution of the United States. Under this we have freedom of speech; thought, study, and most important, that of religion. We have so many freedoms that we forget the purpose behind them. We are more and more forgetting our need of, and faith in, God; these are very vital necessities. The men who wrote the Constitution realized this and went through many hardships in order that we would benefit by them.

We, today, have it so easy that we often forget that we may lose these priceless rights, and then, what good would they be to us if they are taken away? If we are not aware of the world events, our freedom may be lost. We must be willing to fight for them as were our forefathers and generations before us.

We must be able to convey this to our children and give them such a background and understanding of what the true meaning of these freedoms are and what it cost to have them. This must be done so that they will be able to give them all to their future generations. This is a very great responsibility which will require wisdom and patience. But, it must be done if we are to keep freedom in the world.

I am asking you now, what are you doing to prepare yourself for this great responsibility? I hope that you are doing your best. If not, I ask you now to begin by exercising the rights you are given in this country. That of a free choice of study and of a religion of your own choosing.

You have these very important and essential freedoms, also a mind to think, reason, and explore with. Use them to build yourself into a man who will be able to govern this country in such a way that man may continue to have a place to live in freedom. Remember that only you can determine the future of the world.

\*\*\*\*\*

OUR JUVENILE "GOODIES" "WOULD RATHER FIGHT THAN SWITCH" TO GAIN PUBLIC

RECOGNITION

The following will show that they are slowly gaining on their opposites  
Headline in the Phila. Inquirer, Friday March 10, 1967; TEENAGERS HONORED BY S.T.O.R.Y. (Salute To Our Responsible Youth) (About 40 teenagers, from 13 to 18 were honored for volunteer services in the schools teaching and tutoring slow pupils.)

A four column spread in The Sunday Bulletin, March 12, 1967: "9 YEAR OLD WRITES WORDS AND MUSIC TO A HYMN WHILE LEARNING THE ACCORDIAN".

A letter to the Editor in the Evening Bulletin, Monday, March 13, 1967 by a boy of perhaps 6 or 7.

" A BUNNY IS A HAPPY SPIRIT "

First of all, I do not believe in him as a bunny. Not a rabbit all dressed up hopping around, delivering eggs. I know that my parents do that.

Another reason is that Easter should not be thought of as a time of chocolate and candy. (next page)

"HAPPY SPIRIT" (Cont'd)

It should be thought of as a religious victory of some sort, the rising of Christ.

But on the other hand, the Easter Bunny is really around because he is the happy spirit of the people around Easter, like Santa Claus is at Christmas. And the Easter (Bunny) may be thought of as the children's faces on Easter morning. Or as the religious victory or like opening of presents on Christmas or a birthday.

The Easter Bunny just may be thought of as a happy spirit of spring.

Steven Russell Johnson  
(A Boy)

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There are many more such stories in our daily papers, but we have just pointed to a few to show the future seems to be in pretty good hands. This has nothing to do with ham radio, but they could be future hams and good-will-ambassadors.

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#### ARRL BULLETINS

NR 101, FEB. 23, 1967

ARRL Affiliated Clubs and their members are reminded of the continuing availability of training aids designed to enhance club education and interest. The League's Training Aids Program includes technical films, film strips and slide collections as well as quizzes and tape recordings on many phases of amateur radio technique operation and history. Affiliated Club officers should request ARRL Training Aids well in advance of the date required. Full information is available from the ARRL Communications Department, 225 Main Street, Newington, CT 06111 AR

NR 102, March 2, 1967

Among the many operating aids available without charge from ARRL are the following, all designed to aid your operating effectiveness: Pointers for Good Operating, WAS map and card record, net directory, phonetic alphabet, ending signals, RST system, DX code, contest QSO record, safety code, ARRL DXCC Countries List, QN Signals for c.w. net operation and GMT time conversion card. Any or all of these are available from ARRL Communications Department. ~~Be sure to include your zip code with your mailing address.~~ AR

NR 103, MARCH 9, 1967

The annual meeting of the ARRL Board of Directors will be held in Hartford on May 5, 1967. League members and affiliated clubs having suggestions about the course of ARRL affairs during the coming year should communicate with their appropriate division director at the address shown on page 8 of any 1967 QST. If time is short, you may write to your director in care of ARRL Headquarters, 225 Main Street, Newington, CT 06111 AR

NR 104, March 16, 1967

Four times a year, during the ARRL quarterly CD Parties, many amateurs become interested in the activity called a CD Party. This operating event is limited to competent radio amateurs in the ARRL Communications Department Field Organization. These appointees serve amateur radio and the public in many fields of VHF, emergency planning, bulletin transmissions, traffic handling on all modes, etc. Only ARRL appointees may participate in the quarterly CD Parties, but all qualified amateurs are urged to contact their Section Communications Manager, page 6 QST, to see how best they too can serve along the lines of their natural operating interest AR

NR 105, MARCH 23, 1967

Many rare countries were active in the Thirty Third ARRL International DX Competition held over four weekends in February and March. Those who took part are reminded that convenient reporting forms are still available from ARRL Communications Department, 225 Main Street, Newington, CT 06111. Please be sure to indicate the number of contacts made and number of bands worked. Entries must be postmarked by April 22, 1967, to be eligible for certificate awards and QST listings AR

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#### 220 Mc. AND UP DIRECTORY

From April, 1967 QST, + "The World Above 50 Mc.", by W1DVE/KØCER, Bill Smith ARRL is preparing a directory of stations operating on 220 Mc. and higher. If you are actually on one of these bands we would like to know about it. Chances are that many of you have received a questionnaire already, but if you haven't by the end of April, please write for the form so you can be included in the directory. When completed, a copy of the directory will be (next page)

DIRECTORY (cont'd)

mailed to each QVG appointee, or to anyone who sends a stamped self-addressed envelope.

\*\*\*\*\*

We get letters and radiograms:

Dear Mother Rat:

Hi! How are you? I'm fine. Our beam's been down and we haven't been on the air for a while. I'm going to get a 2' meter rig soon and will see to it I find out when your nets are so I can join in. (If you don't mind, that is.)

Congrats to all for the FB on the VHF contest. Unfortunately that isn't one of the things PWA\*does. (well anyway not like the Rats do it) Field Day is more our style. (Penn Wireless Association)\*

Be sure and tell all the gang I said hello. I'd love to meet them. Could I come to Ladies Night maybe?

Well just a note to say hi and let you know I'm alive.

Your favorite Pack Mouse,  
Sheri, WA3AQQ

(Editor's note: I know our newer members do not know who Sheri is. Sheri is the "little" crippled girl whom the Pack Rats adopted when she was 13 and in the Shriner's Hospital. Time sure does fly, she will be 18 in August.)

\*\*\*\*\*

WA3EXW DE K3MVO  
NR 51 R WIGVT 13 SOUTHWINGTON CONN 2315Z MAR 27

HELEN BRICK, W3CAD (?)  
821 WEST LINDLEY AVE  
PHILA, PA.

THANKS AND CONGRATULATIONS YOUR CONTINUED FINE PUBLICATION PACK RATS CHEESE  
BITS X 73 BT

MAC WIGVT SCM  
AREA 57

0010/30 K3MVO

\*\*\*\*\*

(Editor's Note: The letter explains itself, but the radiogram has me puzzled because I don't know for what he is thanking me. I know who he is from my former association with the Amateur Radio Editor's Association. That is the first time Frankie has been called CAD although many times his call is printed SAD (sad) because the "D" and "Q" look alike. Hi. Will have to answer and let him know that I have no call.)

\*\*\*\*\*

COMING EVENTS

APRIL MEETING: WIHQ, ED TILTON, VHF EDITOR, QST Speaker.

APRIL 5: BIG BROTHERS OPEN HOUSE, 7 to 9 P.M., 25 S. Van Pelt Street,  
HAM RADIO DEMONSTRATION SPONSORED BY THE PACK RATS

APRIL 8 EAST COAST VHF SOCIETY HAMFEST

APRIL 15: PACK RATS LADIES' NIGHT, BUCK HOTEL, FEASTERVILLE, PA. 6.00 P.M.

MAY MEETING: W2LOY, ED CLEGG, Speaker

JUNE MEETING: W3HIX, JOHN SPECIALNY, Speaker

JUNE 10 & 11: VHF QSO PARTY

(Ed Tilton, Ed Clegg and John Specialny will all speak on different phases of UHF equipment)

\*\*\*\*\*

APRIL 5, 1967

The Big Brothers of Philadelphia will hold an Open House at 25 S. Van Pelt Street, with a ham radio demonstration sponsored by the Pack Rats with W3ISV, Syl Einhorn, K3WEL, Paul Behrmann, W3ELI, George Van Dyke, Jr. and W3MFY, Pres Funk manning the mikes from 7:00 to 9:00 P.M. on 50.2 Mc. All Pack Rats and their friends are urged to call in to help make it a success. The call letters are W3PSH. The purpose of the demonstration is to interest the boys in becoming hams.

# AMATEUR MESSAGE FORM

Every message originated and handled should contain the following component parts in the order given:

## 1. PREAMBLE

- Number — beginning with 1 each month or year
- Precedence (R, P2, P or Emergency — see other side)
- Handling Instructions (see detail other side)
- Station of Origin
- Check — number of words or groups in the text
- Place of Origin
- Time filed
- Date

## 2. ADDRESS

## 3. TEXT

## 4. SIGNATURE

Examples: C.W. — NR 1 R HXA WIAW CK 8 NEWINGTON CONN 1830Z JULY 2  
DONALD R SMITH AA 164 EAST SIXTH AVE AA NORTH RIVER CITY MO AA  
PHONE 733 3698 BT HAPPY BIRTHDAY X SEE YOU SOON X LOVE BT DIANA  
AR. Note that X, when used in the text as punctuation, counts as a word. The prosign AA separates the parts of the address, BT separates the address from the text and the text from the signature. AR marks end of message; this is followed by B if there is another message to follow, by N if this is the only or last message. It is customary to copy the preamble, parts of the address, text and signature on separate lines.

**RTTY** — Same as c.w. format above, with following exceptions: (1) Use TO before address. (2) Separate parts of address by an extra space instead of AA. (3) Use SGD preceding the signature. (4) Add a "CFM" line under the signature, consisting of all names, numerals and unusual words in the message, in the order transmitted.

**Phone** — In general, say the meanings of all procedural signals. The above message on phone would go something like this: "Number one, routine, HX Alpha, WIAW, check eight, Newington, Connecticut, one eight thuhree zero zulu, July two, Donald R. (as in Romeo) Smith, one six tower East Sixth Avenue, North River City, Missouri, phone sev ven thuhree thuhree, thuhree six nyen eight, happy birthday X-ray see you soon X-ray love, Diana, end of message, no more." Speak in measured tones, emphasizing every syllable. Spell out phonetically all difficult or unusual words, but do not spell out common ones.

### Special ARRL QN Signals For C.w. Net Use (See other side for rules on use)

- QNA\* Answer in prearranged order.  
QNB\* Act as relay between . . . and . . .  
QNC All net stations copy.  
QND\* I have a message for all net stations.  
QNE\* Net is directed (controlled by net control station).  
QNF\* Entire net stand by.  
QNG\* Net is free (not controlled).  
QNH\* Take over as net control station.  
QNI\* Your net frequency is high.  
QNJ\* Net stations report in.\*  
QNK\* I am reporting into the net. (Follow with list of traffic or QRU).  
QNL\* Can you copy me?  
QNM\* Can you copy?  
QNN\* Transmit message for . . . to . . .  
QNO\* Your net frequency is low.  
QNP\* You are QRMing the net. Stand by.  
QNQ\* Net control station is . . .  
QNR\* What station has net control?  
QNS\* Station is leaving the net.  
QNT\* Unable to copy you.  
QNU\* Unable to copy.  
QNV\* Move frequency to . . . and wait for . . . to finish handling traffic. Then send him traffic for . . .  
QNW\* Answer . . . and receive traffic.  
QNX\* Following stations are in the net.\* (Follow

- with list.) Request list of stations in the net.  
QNT\* I request permission to leave the net for . . . minutes.  
QNU\* The net has traffic for you. Stand by.  
QNV\* Establish contact with . . . on this frequency. If successful, move to . . . and send him traffic for . . .  
QNW\* How do I route messages for . . . ?  
QNX\* You are excused from the net.\*  
QNY\* Request to be excused from the net.  
QNZ\* Shift to another frequency (or to . . . kc.) to clear traffic with . . .  
QNZ\* Zero hear your signal with mine.  
\* For use only by Net Control Station.

### C.w. Abbreviations and Procedure Signals

- AA Separation between parts of address or signature  
AA All After  
AB All Before  
ADEC Addressee  
ADR Address  
AR End of transmission.  
End of message.  
ARL Indicator denoting use of an ARRL numbered message in the text.

ARRL Communications Department  
Operating Aid No. 9a



<b>AS</b>	Wait
<b>BK</b>	Break; break me; bk in
<b>BN</b>	Between
<b>BT</b>	Double dash (separates text from address and signature).
<b>C</b>	Yes; correct
<b>CFM</b>	Confirm; I confirm
<b>CK</b>	Check
<b>IMI</b>	Question mark; repeat
<b>K</b>	Go ahead; invitation to transmit
<b>N</b>	No; negative
<b>NR</b>	Number
<b>PBL</b>	Preamble
<b>R</b>	Received signal
<b>SIG</b>	Signature
<b>SK</b>	End of QSO
<b>TU</b>	Thank you
<b>WA</b>	Word after
<b>WB</b>	Word before

#### INTERNATIONAL Q SIGNALS FOR TRAFFIC HANDLING

<b>QRU</b>	Have you anything for me? I have nothing for you.
<b>QRV</b>	Are you ready? I am ready.
<b>QSG</b>	Shall I send . . . messages at a time? Send . . . messages at a time.
<b>QSK</b>	Can you hear me between your signals? I can hear you between my signals.
<b>QSL</b>	Can you give me acknowledgment of receipt? I give you acknowledgment of receipt.
<b>QSM</b>	Shall I repeat the last message I sent you? Repeat the last message you sent me.
<b>OSP</b>	Will you relay to . . . ? I will relay to . . .
<b>OSZ</b>	Shall I send each word twice? Send each word twice.
<b>OTA</b>	Shall I cancel number . . . as if it had not been sent? Cancel number . . . as if it had not been sent.
<b>QTB</b>	Do you agree with my check? I do not agree with your check. I will repeat the first letter of each word and the first figure of each number.
<b>QTC</b>	How many messages have you to send? I have . . . messages for you (or for . . .).

#### Precedences

**EMERGENCY** — Any message having life and death urgency to any person or group of persons, which is transmitted by amateur radio in the absence of regular commercial facilities. This includes official messages of welfare agencies during emergencies requesting supplies, materials or instructions vital to relief of stricken populace in emergency areas. During normal times, it will be *very rare*. On c.w., this designation will *always* be spelled out. When in doubt, do not use it.

**PRIORITY** — Important messages having a specific time limit. Official messages not covered in the "Emergency" category. Press dispatches and other emergency-related traffic not of the utmost urgency. Notification of death or injury in a disaster area, personal or official. Use abbreviation P on c.w. Inquiries as to the health or welfare of someone in the disaster area are handled after the above are cleared and are designated "priority two" (P2).

**ROUTINE** — Most traffic in normal times will bear this designation. In disaster situation, traffic labeled "Routine" (R on c.w.) should be handled *last*, or not at all when circuits are busy with emergency or priority traffic. Most traffic handled on amateur circuits in normal times will fall in this category.

The precedence will follow the message number. For example, on c.w., 207 R, or 207 EMERGENCY. On phone, "Two Zero Seven, Routine (or Emergency)" on phone.

#### Handling Instructions

**HXA** — (Followed by number.) Collect landline delivery authorized by addressee within . . . miles. (If no number, authorization is unlimited.)

**HXB** — (Followed by number.) Cancel message if not delivered within . . . hours of filing time; service originating station.

**HXC** — Report date and time of delivery (TOD) to originating station.

**HXD** — Report to originating station the identity of station from which received, plus date and time. Report identity of station to which relayed, plus date and time, or if delivered report date, time and method of delivery.

**HXE** — Delivering station get reply from addressee, originate message back.

**HXF** — (Followed by number.) Hold delivery until . . . (date).

This prosign (when used) will be inserted in the message preamble before the station of origin, thus: NR 207 R HXA50 WIAW CK 12 . . . (etc.). If more than one HX prosign is used, they can be combined if no numbers are to be inserted, otherwise the HX should be repeated, thus: NR 207 R HXAC WIAW . . . (etc.), but: NR 207 R HXA50 HXC WIAW . . . (etc.). On phone, use phonetics for the letter or letters following the HX, to insure accuracy.

#### Notes on the Use of QN Signals

1. The QN signals listed on the other side are special ARRL signals for use in amateur c.w. nets only. Other meanings that may be used in other services do not apply.
2. Some QN signals are for use by net control stations only; these are marked with an asterisk (\*). Others have slightly different meanings when used by the NCS and net stations; in this case the NCS meaning is marked with an asterisk (\*).
3. Some QN signals have two meanings, the difference depending on how or by whom used. *Examples:* (a) QNC, when used as a preface to transmission of a message, carries its first meaning; when used by a station reporting into the net (e.g., W9NCS DE W9NET QNI QNC), it carries its second meaning. (b) QNI, when used by the NCS, is a request for stations to report in; when used by a net station, it means that this station is reporting in. (c) QNJ, when used alone has its first meaning; when followed by a call it has the second meaning.
4. QN signals are *never followed by a question mark*, even though the meaning may be interrogatory.
5. Do not use QN signals on phone nets. Say it with words.
6. Use QN signals in nets only. They are not for use in casual amateur conversation.
7. Make frequent use of standard international "Q" signals in traffic nets, for meanings not covered by QN signals. *Examples:* QRU, QRV, QSV, QTA, QTB, QTX, etc. (See *Operating an Amateur Radio Station*.)

ARRL Communications Department

PRINTED IN USA



PACK RATS DIRECTORIES

The new Pack Rats Directories are ready and the members should receive them shortly in the mail. If you desire an extra copy there will be a charge of 50¢. They are free to all members. Subscribers may have a copy by sending 50¢ to K3HWZ, William McCutcheon, 124 Orchard Lane, Feasterville, PA 19047. The directories will also be on sale in many of the radio stores in the area.

The new directories are different from the others in that a whole new page may be easily inserted when enough changes warrant printing a new page.

\*at their price.

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QSO PARTY MEETING

A meeting of the June QSO Party Captains will be held on Wednesday, April 5 at the QTH of K3GAS, Doc Cutler, 7815 New Second Street, Elkins Park, at 8:00 P.M. The Team Captains are; K3DUW, W2EIF and K3ZPN--50Mc.

- W3LHF, W3SAO and W3CXU--144 Mc.
- WA3CAG--220 Mc.
- K3UJD--432 Mc.
- K3IUV--1296 Mc.

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HAM RADIO (PART II)

By W3ELI, George Van Dyke, Jr.

Before we go any further, I'd like to refer you to two articles (short) in QST in the following order: First, February 1967, page 56, second, January 1967, page 52. With these two articles well digested, let's look over the pink card enclosed with your issue of Cheese Bits. The best way to learn how to write a message is to write one. You wish to send Anniversary greetings to your aunt in Texas and you would like her to send you a reply. Let's start. This is your first message (first of the month, or first time you've tried your hand at it.) So it is message Number One. There is no urgency about the message so it is routine. We want an answer (just to see if this stuff really works), so we put HX in the handling instructions asking the station delivering the message to get a reply. Next is your Station Call. Now comes the check count. The count is the number of words (including numbers, punctuation, initials) between the address and signature. The address and signature no matter how long or complex are not counted. Your location comes next, usually only the city and state. The time filed is next, but many stations omit this. If used, you should use GMT or ZULU Time, not local time. Date is date message is written and signed. The text in plain language, then the signature.

Your message would look like this:

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NR 1 -R - HX - W3XYZ CK 8 PHILA PA
0125Z 22 FEB 1967 TO MRS ADA JONES
4567 FRONT ST DALLAS TEXAS 09645/
HAPPY ANNIVERSARY AND MANY MORE
TO COME LOVE/SIGNED JOHNNIE/

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The slant lines are pronounced as break. Not hard, was it? Now, let's try one to the next door neighbor's son who is in Viet Nam. It will be exactly the same as the one before except you must get a complete address and a ZIP number. The name of his geographical location even if known is not acceptable. For example;

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NR 2 (Remember you sent #1 to Aunt Ada) R -
Omit handling instructions for overseas Messages - W3XYZ
CK 12 PHILA PA 0130Z (it's later) 22 Feb 1967
TO Pfc RICHARD J. JONES US 56943219
CO A B. BAT 103RD INF DIV
APO 95602 SAN FRAN CAL/
HI DICK HOPE TO SEE YOU HERE
OH XMAS KEEP SAFE LOVE/ SIGNED MOTHER & DAD/

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That wasn't bad was it? If we all take time to write a message right the first time, few problems develop. Don't change anything in a message you receive. "DUCKY WUCKY" may be real important to someone. Keep the message to less than 25 groups. Any longer than that, you should write a letter anyhow. Try some now on your own.

Next month, how to check into Traffic Nets to take and send messages.

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APRIL 10, DEADLINE FOR LADIES' NOGHT RESERVATIONS

You've all heard this statement one time or another especially about some of the military surplus gear which was originally designed for earphones.

Well, we decided to purchase one of these boat anchor type receivers. Ours was only for a small boat. It was a B-C-312. Now I don't know who was the first to have this particular unit but I can assure you it had really been around. The only portion of it's history that I know for sure was that W3MVF- Moneybags- had used it on 2 meters. From him it went to Doc, K3GAS, who needed it like a case of gingivitis. But anyhow, I got it from Doc. Specifically I wanted it for the 432 converter.

The thing didn't have any audio. So I set about reading thru the manual to see what might be done. I came up with a big fat nothing. The only obvious answer was to add an audio amplification stage. So out came the trusty handbook and I soon settled on a 6AQ5. I started to build the animal and about half way thru came to the conclusion that it was going to be much too big for the available space inside the 8D312. I called myself a few choice names for not having considered transistors in the first place. Out came the transistor manual and I settled on a circuit in it.

The first thing any respectable Pack Rat does when he builds something is to see what parts are already in the junk box. In our junk box (it really was a coffee can) labeled "transistor parts" we started our search. While rummaging thru this coffee can we came upon the remnants of No. 2 son's 6 transistor radio. It seems that the little guy had succeeded in stabbing the speaker to death with a toothpick. In addition he had broken the plastic case and ripped out the antenna. It may be fatherly pride, but I can't help but think that these were fantastic accomplishments for one only 2 1/2 years old. I mean, that's more damage than his father usually does when building a Heathkit.

Well, anyhow, back to the audio story. This transistor radio had everything I needed. As a matter of fact, it was already built. I wored into the volume control for audio input and into the miniature earphone jack for audio output. A new 9 volt battery and we tried it. The noise was deafening. We had audio galore and all for the price of the remains of a \$3.00 transistor radio.

If any of you would like to try this method of increasing audio, follow these simple steps.

- 1- re-read this article for wiring instructions
- 2- buy a \$3.00 transistor radio
- 3- buy a box of toothpicks
- 4- give No.2 and No.3 to my son, Brian, for modification.

73,  
E1

by K3JJZ  
Elliott Weismann

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#### DID YOU KNOW

That K3EPS, Mort, became a Papa on January 23? Connie presented him with a little girl. Congratulations.

That W3ELI, George, was in the hospital and is now at home? Speedy recovery George.

That Marie, XYL of K3HWZ, Grandpop, is now home from the hospital and coming along nicely? Welcome home Marie.

That Lorraine, XYL of K3JJZ, E1, was in an auto accident and is doing OK now? Get well soon, Lorraine.

That Edith, XYL of W3GEW, Sid, was operated on Monday, March 27? She is in room 409, Einstein Medical Center, Northern Division, York and Tabor Roads, Phila., PA 19141.

That any member desiring to purchase Pack Rats QSL cards should contact WA3CND, Candy?

That W3ZRR, Ray, retired on the first of February? Happy retirement. That his mast broke and his antennas are lying on the roof? S.O.S. for an antenna squad.

That Armed Forces Day is Saturday, May 20? More information in the next issue.

That if you have not already made your reservations for Ladies' Night you had better do so right away as the deadline is April 10?

That Harry, Jr. Op. of W3SAD, Frankie, placed 5th in the Individual Gymnastic Championships on Still Rings for the Public High Schools? His 79 was only three points below 1st place.

That K3IFH, Ed, was in the hospital? He is probably at home now. Get well soon, Ed.

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SWAP & SHOPPE

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

FOR SALE: B & W 5100 AM, c.w. Xmtr.  
Excellent condition.  
Is now in use by K3QQF.  
Asking \$125.00

CONTACT: K3PPI, Herb Paul  
4200 Hartel Street,  
Phila., PA 19136  
215- DE. 8-0549

FOR SALE: Eico sweep generator, or  
will swap for 2 meter con-  
verter or what have you,  
4CX250B's, new-in sealed  
envelopes. \$6.00 each

CONTACT: K3JJZ, Elliott Weisman  
8533 Algon Avenue,  
Phila., PA 19152  
215- PI. 2-3525

WANTED: Rotator and antenna mast.

CONTACT: W3ZRR, Ray Whitehead  
(See heading for address)

FOR SALE: Antenna System

CONTACT: W2KFC, Lee Miles  
(Sorry, you'll have to look  
him up in the Callbook)  
He's moving to Washington.

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DON'T FORGET TO CONTACT K3KTY, JOHN  
TATE FOR YOUR TICKETS FOR LADIES'  
NIGHT.

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MEETING DATES

DIRECTORS'

APRIL 12

GENERAL

APRIL 19

GENERAL MEETINGS ARE HELD ON THE  
THIRD WEDNESDAY OF EACH MONTH, WHEN  
POSSIBLE, AT THE WEST OAK LANE JEW-  
ISH COMMUNITY CENTER, SEDGWICK AND  
THOURON AVENUES, MT. AIRY, PHILA.,  
PA. AT 7:45 P.M. SHARP.

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MEETING NOTICES

APRIL 12 DIRECTORS' MEETING will be  
held at the QTH of WA3CAG,  
Dave Funk, 16 Valley View  
Drive, Langhorne, Pa. at  
8:00 P.M. Please call,  
215-EL. 7-8968 if unable  
to attend.

APRIL 19 GENERAL MEETING, 7:45 Sharp  
West Oak Lane Jewish Com-  
munity Center.

SPEAKER: W1HQQ, Ed Tilton,  
VHF Editor "QST"

APRIL 26 PHILA. COUNTY ARPSC at  
Fox Chase High School,  
Rawn & Ridgeway Streets  
Fox Chase, Phila., Pa. at  
8:00 P.M.

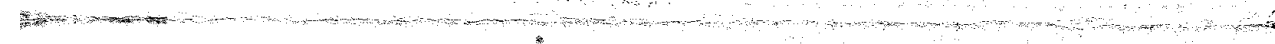
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General Description

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The second part of the account is devoted to a description of the ...



The third part of the account is devoted to a description of the ...