

# 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 IX

DECEMBER 1966

NUMBER 9

## OUR PREZ SEZ



Unfortunately Our Prez has not sent in a message, which I am sure is due to pressures at the salt mine. I'm sure he will not mind if I put in a message in his behalf. I know that he is very grateful for the fine showing of YL's and XYL's at the November meeting.

I also know that he urges each and every member to be present at the December 21 meeting. This is the final meeting before the January 1967 VHF Sweepstakes, and K3DUW, Alan Goodman, the chairman, has a very informative program lined up. Alan also will have the necessary papers you will need to operate in the contest. Due to the nature of business, this meeting is our only "closed to visitors" meeting.

The Contest Chairman and the Co-ordinators will have a final meeting at the QTH of K3GAS, Doc, on December 7, so if you have not returned your questionnaire to your co-ordinator, please do so before then.

Jo would never forgive me if I did not pass along his, and Susie's best wishes to all the members and friends for a Very Enjoyable Holiday Season.

I, along with Jo, hope that you all had a very Thankful Thanksgiving and did not stuff yourself with too much turkey and all the goodies that go along with the meal.

"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.

ALL INFORMATION SHOULD BE SENT TO THE EDITOR: HELEN BRICK, XYL, W3SAO  
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DIRECTORS' MEETINGS are held on the second Wednesday of each month at designated locations at 8:00 P.M.

MONDAY NIGHT NETS:  
145.2 - 7:30 P.M.  
59.2 - 8:30 P.M.  
221.4 - 9:30 P.M.  
432.3 - 10:30 P.M.

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

OFFICERS: 1966 - 1967  
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K3JJZ, ELLIOTT WEISMAN  
W3MFY, PRESTON FUNK  
K3CIV, RALPH HERSH  
(EX-OFFICIO)

\*\*\*\*\*

EDITORS CORNER

I wish to thank the men of the club for the special ladies' meeting. Everyone enjoyed the movies and slides and were disappointed when the end came around.

To the skeptics who thought it would be boring to the ladies, and that only a handful would show up, may I say, that out of the 51 that I counted, 36 were ladies.

See boys, the ladies do enjoy a night out and seeing what goes on at the QSO Parties and Picnics.

\*\*\*\*\*NOTICE\*\*\*\*\*

CANCELLATION OF MEETINGS

IF FOR ANY REASON IT IS NECESSARY TO CANCEL A MEETING ANNOUNCEMENT WILL BE MADE ON 50.2 and 145.2 Mc. FROM 6:00 to 7:30 P.M. ON THE MEETING NIGHT.

WHEN IN DOUBT, BE SURE TO LISTEN.

Now that winter is sneaking up on us, some white stuff may force a cancellation.

\*\*\*\*\*

Ask K3IUU, Bert, to tell you the story of the "Great Parakeet Hunt."

\*\*\*\*\*

TRANSMITTER HUNTS

The winner of the four day Florida Vacation for two is, K3UJD, Mario Fontana.

W3MFY, Pres Funk, announced that in order for the boys to get ready for the January Sweepstakes, there will be no more transmitter hunts until March, 1967.

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PHILA. COUNTY AREC

K3FYS, Mollie Silverstein, told me that she is no longer the EC for Phila. County. The new EC is: W3PST, "Woody" Haldeman

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

PLANNING MEETINGS: Fourth Wednesday of each month, 8:00 P.M.

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ARRL BULLETIN

NR 86, NOVEMBER 10, 1966

At 0000 GMT December 1, WUV transmissions will begin from the new station at Fort Collins, Colorado. The amateurs reporting the time of reception and correctly quoting the new WUV voice announcement on that first day of operation will receive a gold bordered QSL. To qualify for the WUV First Day card your QSL must be postmarked before midnight December 2 local time. Send your report to David H. Andrews, Chief, Frequency Time Broadcast Services Section, Radio Standards Physics Division, National Bureau of Standards, Boulder, CO 80302. AR

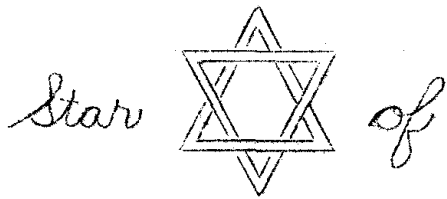
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From Bandspread, Marina Amateur Radio Club, Inc., Torrance, California  
We should be reminded that the key word in our great production in America is -

F R E E D O M

freedom to work, freedom to dream, freedom to compete, freedom to advance.

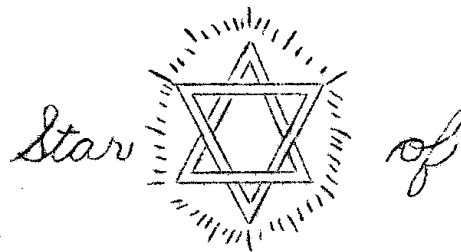
The heaviest load any man carries on his back is a pack of grudges.



David

H ebrews of the present,  
A lways remember your  
P ast heritage, and  
P ress ever onward  
Y our God to hold fast.

H is temple destroyed  
A gain has been raised.  
N ow, for His light,  
U nendingly He be praised.  
K eep His commandments,  
K eep hate from your hearts,  
A lways remembering, from you  
H e never departs.



Bethlehem

M en of Christ,  
E ver mindful be,  
R egardless of  
R ace, color or creed,  
Y our Lord loves us all.

C hristians, remember,  
H e came from above,  
R egal, but small,  
I nto this world to  
S how God's love.  
I hough tried and troubled,  
M istreated and torn, He  
A lways forgave, for  
S inners, to save, He was born.



"CQ...CQ...CQ.. FROM WA3BIV .. WA3BAKER IDA VICTOR... WA3BIV in Phila. calling CQ and tuning for a call, WAT SA someone K please."

"WA3BIV" from ZWXY4ALE ZEBRA WHISKEY XRAY YOKE 4 ADAM LONDON ECHO WAT SA?"

"ZWXY4ALE from WA3BIV, good evening, handle here is Carl, QTH Phila., Pa., USA, Earth You have a good signal here Q5 ZWXY4ALE from WA3BIV."

"WA3BIV from ZWXY4ALE, Very good, Carl, handle here is Blarson B-L-A-R-S-O-N QTH is Torlo, Arcon, Venus. You also have a good signal up here tonight. This is a new rig and I'm not quite used to it. The rovr is the new R.C.A. Imperial, the xmtr is the Drake T-400DX running about 400 Milliwatts into a Mosley Electrocraft R.F. radiation element. What's your rig, Carl? Bk"

"Well, your rig really looks good on my old highly converted R.C.A. color T.V. We transmit with this old surplus T-9/APQ-2 from Earth World War 2 era. This all goes into an ll element yaqi of the old time design when A.M. was legal. Wonder how you like your new rig. ZWXY4ALE from WA3BIV"

"WA3BIV from .....

Well another new rig, nowadays with electronic radiation elements instead of antennas and newfangled color transmitters the fun of the old days is gone. No DX, everyone receives everyone else, no antenna parties, because there are no antennss, no transmitter hunts, no auctions, clubs are no longer active. With the cost of gear nowadays only the extremely rich are active hams. Lucky this old pile of junk is still operating, because when it goes then I go off the air for good."

"Yeah, ZWXY4ALE from WA3BIV, real good Blarson, 73's and hope to wk you agn. It's been my pleasure. ZWXY4ALE from WA3BIV --- QRT."

WITH THE NEW Universal Communication Commission and the Ham Laws that define exactly what we can do and say and how we must go about it, leaves a big void in what's left of amateur radio. Nobody builds gear today because of the price of parts and the red tape involved with the UCC to be able to test it and then use it. Good old AM phone is illegal likewise CW SSB, and many other forms of modulation. When the law is passed making only Cycle Modulation legal then most of the remaining Hams will be in trouble. CM is the most advanced form of communication in existance today. It is the combination of audio and picture and color intelligence in a signal only 5 kc wide. The audio works somewhat like this. Take a carrier, amplitude modulate it and filter out the carrier and one sideband, superimpose this on a 1 kc tone and filter out all above 1002.5 kc and all below 998.5 kc. The resultant garble is added to a color/picture carrier at 999.99 kc that is .01 kc wide and then mixed into operating frequency. At the receiving end the picture/color signal is separated from the audio and the audio is fed into a Collins mechanical audio analyser and demodulator. This little gem puts out the original signal before the xmtr filtering. Receiving the standard SSB signal is not complicated. The picture/color intelligence is what I have to study for my super license with the TV endorsement so I can have the lowest grade of license if the price of gear ever comes down to where I can afford it.

(Editor's note: The article is not signed but I assume it was written by WA3BIV, Carl Barish and expostulated by K3JJZ, Elliott Weisman, since he gave it to Frankie.)

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LID-BITS FROM THE PEN OF

K3ZPQ, Bob Elmer

Did you know that in 1941, twenty five years ago, some of the Pack Rats were making news headlines?

W3HIX, John Specialny, was teaching AC theory to students at Scott Field, Illinois.

W3ELI, George Van Dyke (he was Spencer Van Dyke then) was taking a refresher course at the Naval Reserve Radio School at Noroton Heights, Connecticut.

W3HFY, Hal Grace and W3AXU (now W2AXU) Jack Power along with W3BZJ (now K3ZPQ), were active in UHF contests. W3AXU, by the way, had just made WAS on ten meters phone and was riding around with car registration plates reading LO-73-K.

W3OR, Alan Vincent, took a lot of kidding at the Delaware Valley Amateur Radio Association's Hamfest at Trenton because the true story had just come to light about that station in Alaska Alan had been claiming he had worked on five meters.

It seems that on one of the year's best multiple hop sessions W3OR had worked a station giving his call as K7GNN which, because of the way calls were issued at that time, had to be in Alaska.

(Next page)

A check by A.R.R.L. resulted in an answer just having been received from the real K7GNN to the effect that he had not been on five meters for six years and hadn't been on any band since 3 months before the "contact". Thus, the biggest story of the year turned out to be a hoax.

\*\*\*\*\*

Gleaned from one of the old magazines in Doc Cutler's (K3GAS) waiting room--

"According to the Dentists attending the Health Exposition, CQ means Chewing Quotient, a figure which is determined by the effectiveness with which one can chew raw carrot cubes in a given length of time."

Wonder how about chewing the rag?

\*\*\*\*\*

### A COMPLETELY PORTABLE SIX METER RECEIVER

Jay C. Jacobson, WA3CQD

An extremely valuable and versatile piece of equipment which belongs in the collection of every amateur is a six meter receiver which is completely independent of outside power or antennas.

The price of the one described here is under twenty-five dollars, even if all new parts are used.

The base of the apparatus is an aluminum minibox approximately 4" x 5" x 6", an inexpensive six-transistor radio, and a transistorized converter such as the one made by International Crystal or Vanguard.

The back of the radio is removed and laid on one side of the top of the minibox, and a line drawn around it with a soft pencil. Another line is drawn 1/8" inside the original, and upon this line, the box is cut to accommodate the radio. Now the converter is laid inside the box next to, and parallel to, the hole made for the radio. Holes are drilled, and the converter mounted on spacers. Now the holes are drilled for the switch and the antenna jack.

Without removing the BC antenna from the radio, solder a short length of shielded cable (mike cord or RG/58) between the output terminal of the converter and the place where the BC antenna is terminated, usually the tuning condenser, although some transistor radios have a coupling capacitor first in the circuit. Be sure that all grounds are well connected. Another piece of cable is connected between the antenna jack (RCA or Motorola) and the input of the converter.

Next, install a momentary-hold switch in the hot side of the power line between the battery and the converter. Check all connections, put the box together, and you are almost ready to listen. There are two steps left.

A coat of contact cement is applied around the edges of the rectangular hole you cut for the radio, and another coat on the rear of the front section of the radio itself. The back of the radio is discarded. When the cement has dried, carefully set the radio in place in the box.

The last step is the construction of antennas for various uses. For listening to strong or local stations, cut a piece of #10 or #12 solid copper enameled antenna wire 59 1/2" long. This is 1" longer than resonance at 50.5 MHz., to allow for connection into the antenna plug. Roll the wire (except for the last 3") around a paper towel core, spacing the coils evenly 1/4" to 3/8" apart. Bend the last 3" remaining, vertical with the coil, scrape the enamel off the end, and solder into a plug matching the antenna jack. For "sniffing" or direction-finding, a miniature beam is made by constructing a frame of Plexiglas rod and coil-loading the elements. One type is shown in figure 3. This receiver may also be used with a ready-made beam or halo as a standby receiver, and is quite valuable in working a local net.

Next transmitter hunt, will you be prepared? Build this little rig, and end up a winner!

(Editor's note: Diagrams on next page)

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### COMING EVENTS

DECEMBER MEETING: CONTEST WARM-UP. (CLOSED TO VISITORS)

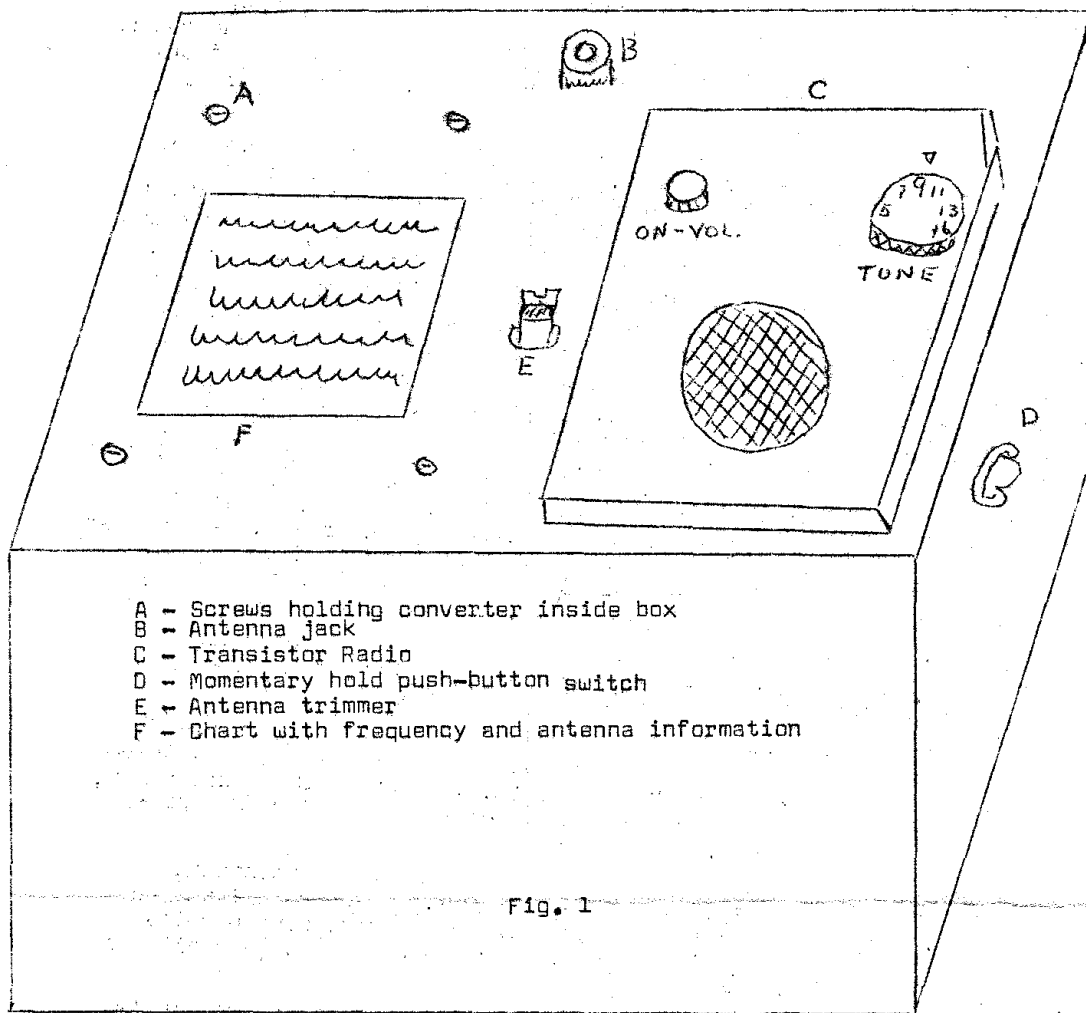
JANUARY MEETING: CRYING TOWEL SESSION

FEBRUARY MEETING: W3OZP, BILL MILLER RELATES HIS TRIP TO EUROPE WITH SLIDES

MARCH MEETING: K3IUV, BERT SOLTOFF. TOPIC TO BE ANNOUNCED

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

AUGUST MEETING: WHITE ELEPHANT SALE



- A - Screws holding converter inside box
- B - Antenna jack
- C - Transistor Radio
- D - Momentary hold push-button switch
- E - Antenna trimmer
- F - Chart with frequency and antenna information

Fig. 1

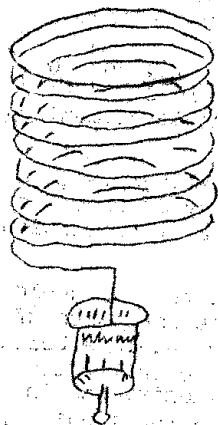


Fig. 2

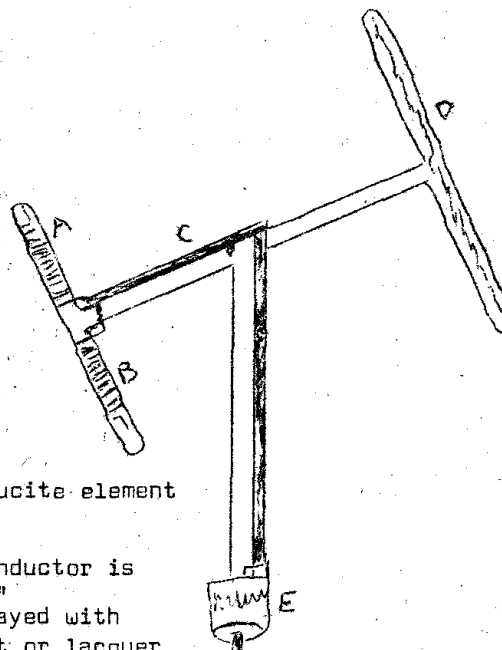


Fig. 3

- A - 59½" copper wire coiled around lucite element except for last 3"
- B - Same as "A"
- C - Thin microphone co-ax. Center conductor is soldered to "A" and shield to "B"
- D - Reflecting element of Lucite sprayed with metallic (not metal-colored) paint or lacquer
- E - Co-ax plug to fit antenna jack or receiver

Submitted by W2AXU, Jack Power

LEGAL PROBLEMS FACING TODAY'S AMATEUR

From HAM-FAX, South East Amateur Radio Club, Cleveland, Ohio, August, 1966

Throughout the United States today, city governments are facing an unincreased volume of complaints from irate citizens with regard to structures of unsightly appearance which include towers for the support of amateur radio antennas.

The governmental agency that normally rules on this type of complaint is the city Zoning Board or Planning Board. Zoning ordinances are a modern thing yet nearly every municipality throughout the country has enacted some type of schema of organizing their individual communities into sections and labeled according to the use they wish to put the property lying therein.

There are rules (ordinances), for the use of residential property and rules for the use of commercial property. Generally, amateur radio operations are mainly concerned with zoning ordinances regarding residential areas.

Typically, a zoning ordinance provides that within certain specified geographical limits only one family dwellings or structures, that are accessory and customarily incidental to a residence, shall be permitted. This may mean a garage or a flag pole, a bird bath, a dog house or an amateur radio tower. The main point here is that so long as the use does not change the residential character of the property, then the board must agree that it is still considered accessory to the main use. Since amateur radio, as a matter of law and fact, is carried on solely for personal reasons and without pecuniary interest, the residential character of a property is not changed, merely because of the presence of an amateur radio station.

The problem facing radio amateurs throughout the land today, is that too many of the local Zoning Boards are unaware of the legality of ordinances relating to amateur radio towers and their construction.

At the first cry of alarm from irate neighbors who learn of the proposed erection of an amateur radio tower, the Zoning Boards are besieged by telephone calls, letters, and reports by inspectors, condemning the radio tower, and any other branch they can hang their hats on to prevent him from proceeding with his tower erection.

The Zoning Boards are unaware of the fact that the federal government, through the Federal Communications Commission (FCC), regulates all amateur radio functions. This regulation is based upon the federal government's constitutional power in its regulation of interstate commerce, (and all amateur radio is in interstate commerce).

It is elemental in the law, that where the Congress has, within the limits of its constitutional power, entered a field of regulation, the federal government is said to have preempted that field to the exclusion of any state government. The Congress did just that as long ago as 1912, and more recently when it enacted the Communications Act of 1934, wherein it created the FCC, and granted that body, exclusive jurisdiction over radio communication.

Clearly then, when any municipality attempts by ordinance, or otherwise, to deal with the problem of amateur radio interference or with any other radio service, it would constitute an unlawful invasion into a field of regulation which is already occupied by the federal government.

Let not the indomitable spirit of the amateur carry him away, for he should be notified that amateur radio is not entirely exempt from the operation of local laws. A municipality may legally require an amateur to obtain a building permit before erection of a tower. This procedure is an administrative device necessary to maintain control over building in the community and in all actuality is a boon to the amateur in that it has apprized the local building inspector of the engineering sufficiency contained in said tower erection. However, an illegal operation of a municipality exists where said municipality attempts by ordinance or otherwise restrain an amateur from the erection of a tower on the grounds that it is an unaesthetical and unsightly monstrosity and would violate the height regulation of certain zoning areas. Such ablique and hazy interpretation by municipal zoning boards in the Wright v.s. Voght case wherein a municipal ordinance limited the height of an individual amateur tower to a restriction of 35'. The amateur, W2UWK, erected a 60' tower and was charged by the local zoning board citing a maximum height of 35' and ordered him to demolish 25' of his tower. The local zoning authorities provided that church steeples, chimneys and flag poles were excepted from the height restriction. The New Jersey court held that a zoning restriction on amateur radio towers would be utterly unreasonable when it is such like structure as church steeples, chimneys and flag poles, and ordered the zoning board to add radio towers to the height restrictions.

More and more of these zoning board battles are going to be fought through the courts as more and more radio amateurs go on the air. It will only be through the united effort of radio amateurs in each community that the local municipal governments can be apprized of the legal impacts of zoning regulations concerning amateur radio antennas and applications.

The amateurs must band together in a single county-wide organization to effectively present a united front toward any municipal agency attempting illegal restraint of any individual amateur radio operator's rights and privileges in individual municipalities throughout the land.

I have emphatically urged the amateurs in Cuyuhoga County to form a county league of amateur radio operators comprised of a representative from every radio organization in the county for the main purpose of representing the individual amateur who cannot, because of the costs involved, represent himself, not only before governmental agencies--but if necessity requires--before the public. An organization of this type can only present the best of amateur radio to the community, and would be of inestimable benefit to the amateur radio operator's image. I urge all amateurs to give serious thought to this growing problem and to speak up at their club meetings and informal gatherings for the formation of a county body to take up the challenge now being posed by the local agencies, against amateurs everywhere.

Will we be equal to that challenge?

(Sig) Eugene M. Symms

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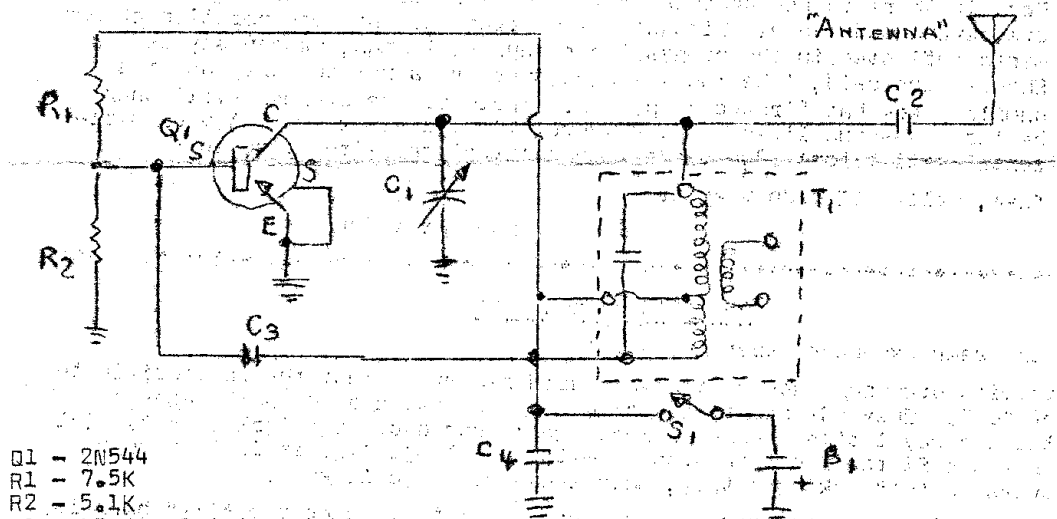
TRANSISTORIZED BEAT FREQUENCY OSCILLATOR

From QRZ'd, Ramona Radio Club, Inc., San Gabriel, Cal, June 1966

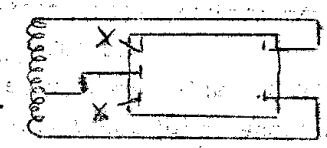
(455 kc)

Submitted by Bob, WA6TYR

Compliments of Ned Rehnberg, WA6TWS)



- Q1 - 2N544
- R1 - 7.5K
- R2 - 5.1K
- C1 - 15 picofarad variable
- C2 - .001 uf
- C3 - .01 uf
- C4 - .01 uf
- T1 - Miller No. 9-C2, transistor i.f. transformer (see diagram on right)
- S1 - S.P.S.T.
- B1 - 1.5 volt
- Ant. - enamel wire



Modify the Miller 9-C2 transformer by removing the shield can, screwing out the tuning slug as far as it will go, and clip the two leads indicated at "X". Be careful not to damage the base of the i.f. transformer or the small capacitor in the case. The pitch of the BFO is controlled by the 15 pf variable, C1. To align, set C1 at midpoint, tune in a station on your receiver and then tune the slug for zero beat. Wrap the antenna lead around the receiver antenna cable near the receiver. In transceivers, the BFO antenna lead should be wrapped around the antenna lead from the T-R switch or relay to the receiver section and not at the transmitter output.

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"SLOPING ROOF TOWER MOUNT" by K2DUX, Paul Hertzberg appears in the January, 1967 issue of Electronics Illustrated. Good reading for anyone with a sloping roof. (Ed.)



A PRIMER OF RESPONSES

From BANDSPREAD, Cedar Valley Amateur Radio Club, Cedar Rapids, Iowa  
TVI (Television Viewer Inimitable)

"Y ou been interferin' with "My Favorite Martian"!"

HAM (Defined in ARRL Handbook)

"Light fantasy designed to capture the imagination retained from childhood as psychogenic insulation against the inroads of militant dogma the stifles the psyche. A delightful show; one I view myself. We are of one mind, Sir -- you the student of science and me -- the little friend of all the world."

TVI: "You ain't no friend of mine, Dad, with that radio junk you fool around with. What you gonna do about my picture bein' messed up?"

HAM: "My intentions are cogently en rapport along the lines philosophically destined to carry us both to our ultimate good; i.e., our mutual desire to achieve by diverse but equally relentless route, the culmination of happiness. I am happy when I'm running my radio. The opposition by-product in the form of disruption to communal harmony lessens, naturally, the pleasure I derive from my pursuits. Such perspicacity, although laudable, does not lessen the extent of your difficulties. The phenomenon of which you are an innocent victim is a matter of distinct concern to me and my colleagues, and we decry with one voice the injustice of an imperative nature that, unbending, binds us within a limiting framework in which to share with you our diverse but needful avocations. What you want I should do?"

TVI: "Gee! A guy oughta have something if he wants it real bad."

HAM: "We strive, you and I, a great blind callousness as it is with all mankind, not to give but only to take; to wrest for ourselves a little happiness which is our only meaningful concept of the life worth living. For, if there is no happiness, then our struggles on this 'mortal coil' are beyond endurance. Without the healing balm of consideration of our wants reflected in the compassion of our fellowman, we can say as Shakespeare said, 'The lowly executioner drops not the axe upon the humbled neck but first begs pardon. Would you be sterner still than he that dies and lives by bloody drops?' Did you know that your horizontal oscillator's 2,000th harmonic interferes with my radio?"

TVI: "Gee, Fella! I didn't know."

Ray Stallhorn

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The "I's" Men Cometh

From the same exchange paper as above;

I note with growing pleasure the increased clamor against the indiscriminate use of "we". July QST has a letter on the subject, and HAM SHACK Gossip printed a dandy little poem entitled, "We"; both decry the lack of "I". IBI I'll bet the Fierce Consternation Committee wouldn't like it if they ever discovered a "we" taking a test, much less getting a license.

Someday we will have to bring the matter to a vote; I hope the "I's" have it.

\*\*\*\*\*

SUPPOSE THEY HAD RETIRED!

From BANDSPREAD, Marina Amateur Radio Club, Inc., Torrance, California

Think of what the world would have missed had a retirement age, even at 70, been universally enforced. Gladstone was Prime Minister of England at 83; Benjamin Franklin helped frame the Constitution of the United States at 80; Oliver Wendell Holmes retired from the Supreme Court bench at 91; Henry Ford, when past 80, took up the presidency of the Ford Motor Company for the second time after his son's death; and Alonzo Stagg was named the "Football Man of the Year" at 81. Dr. Lillian J. Martin learned to drive an automobile when she was 76 years old, and at the same age founded the Old Age Center in San Francisco.

\*\*\*\*\*

DID YOU KNOW

That W3ZRR, Ray, lost his mother on November 8? She was 91 years old. We extend our sympathy to Ray and his family.

That only one Pack Rat entered the September QSO Party and came in No. 1 in the Atlantic Division? Who? W2EIF, Jo, our prez.

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

DIRECTORS

Dec. 14

GENERAL

Dec. 21

\*\*\*\*\*

FOR SALE: Ameco 6 meter converter,  
Model #CB56 with recently  
installed tubes; 6BS8 6U8  
Ameco matching power supply  
plugs into all Ameco Con-  
verters including Nuvisor.

GENERAL MEETINGS are held, when pos-  
sible, on the third Wednesday of each  
month at 8:00 P.M. at the WEST OAK  
LANE JEWISH COMMUNITY CENTER, SEDG-  
WICK & THOURON STREETS, MT. AIRY,  
PHILA., PA.

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Ameco VHF Nuvisor preamp,  
Model PV

MEETING NOTICES

SWR Bridge (Mars) Model  
SW15 in original carton  
with spec sheets.

Dec. 14

DIRECTORS' MEETING will be  
held at 8:00 P.M. at the  
QTH of W3CL, Harry Stein,  
2087 Parkdale Avenue,  
Glenside Pa.

All items above are in  
good condition and perfect  
working order.

Dec. 21

GENERAL MEETING will be  
held at 8:00 P.M. SHARP!  
"Contest Round-up".  
Sorry, but this meeting is  
for members only.

All cables with plugs in-  
cluded. Ready for instant  
hook-up.

Entire ensemble \$25.00

Jan. 4,

1967 PHILA. COUNTY AREC  
Meeting will be held at 8:00  
P.M. at the Fox Chase School,  
Rhawn and Ridgeway Streets,  
Fox Chase, Phila., Pa.

CONTACT: K3GOZ HERMAN KLEIN  
2600 Welsh Road, Apt. 39  
Phila., PA 19152  
215- HO. 4-6555

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OVER AND OUT

NEW MEMBER

By Rodrigues

K3GFG, HOWARD C. KLOCK, XYL, MODENE  
3400 Ashville Street,  
Phila., PA 19136  
215- MA. 4-0617

Cartoon page in January 1967  
Electronics Illustrated.

Cartoon: Family at dinner;  
OM: "Pass-pass is didahdidit, didah,  
dididit, dididit. The-the is  
dah, didididit, dit. Gravy-  
gravy is....."

RESIGNED

K3LWY, Mike Lefkoe  
\*\*\*\*\*

Cartoon: FCC examination room;  
"I've gotta pass the General test.  
My kid's only 11 and he's got an  
Extra Class ticket."

Frankie and I wish to extend our best  
wishes to one and all for a Very  
Merry Christmas, Happy Hanukkah and  
a Happy, Healthy New Year.  
\*\*\*\*\*

Cartoon: OM returning home;  
"I got mixed up on the room number  
and took the wrong test. So I start  
next week on the Buffalo to Chicago  
run as a Railway Postal Clerk."

Cartoon: Sandwich Board man outside  
FCC Building;  
Sign: Flunk the ham ticket exam?  
See Metro Electronics for a  
nifty CB outfit.

Cartoon: Local bar;  
"I had the shortest ham career on  
record. My first QSO was with WWV."  
\*\*\*\*\*

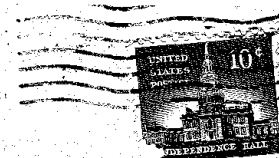
DID YOU KNOW

That K3ABK, Sam, was presented with  
a "RAT FINK" award from his buddies  
on an early morning net?  
\*\*\*\*\*

Are you getting any new members for  
ARRL's HAM QUEST 1967?

Remember, you are paying for the  
Freeloader to be represented in court.

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



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

**MEETING NOTICE**

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