

# PACK RATS' CHEESE BITS



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

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

CLUB CALL: W3CCX

AFFILIATED MEMBER: AMERICAN RADIO RELAY LEAGUE

EDITOR: HELEN BRICK, XYL, W3SAD

MEMBER OF: AMATEUR RADIO EDITORS' ASSOCIATION

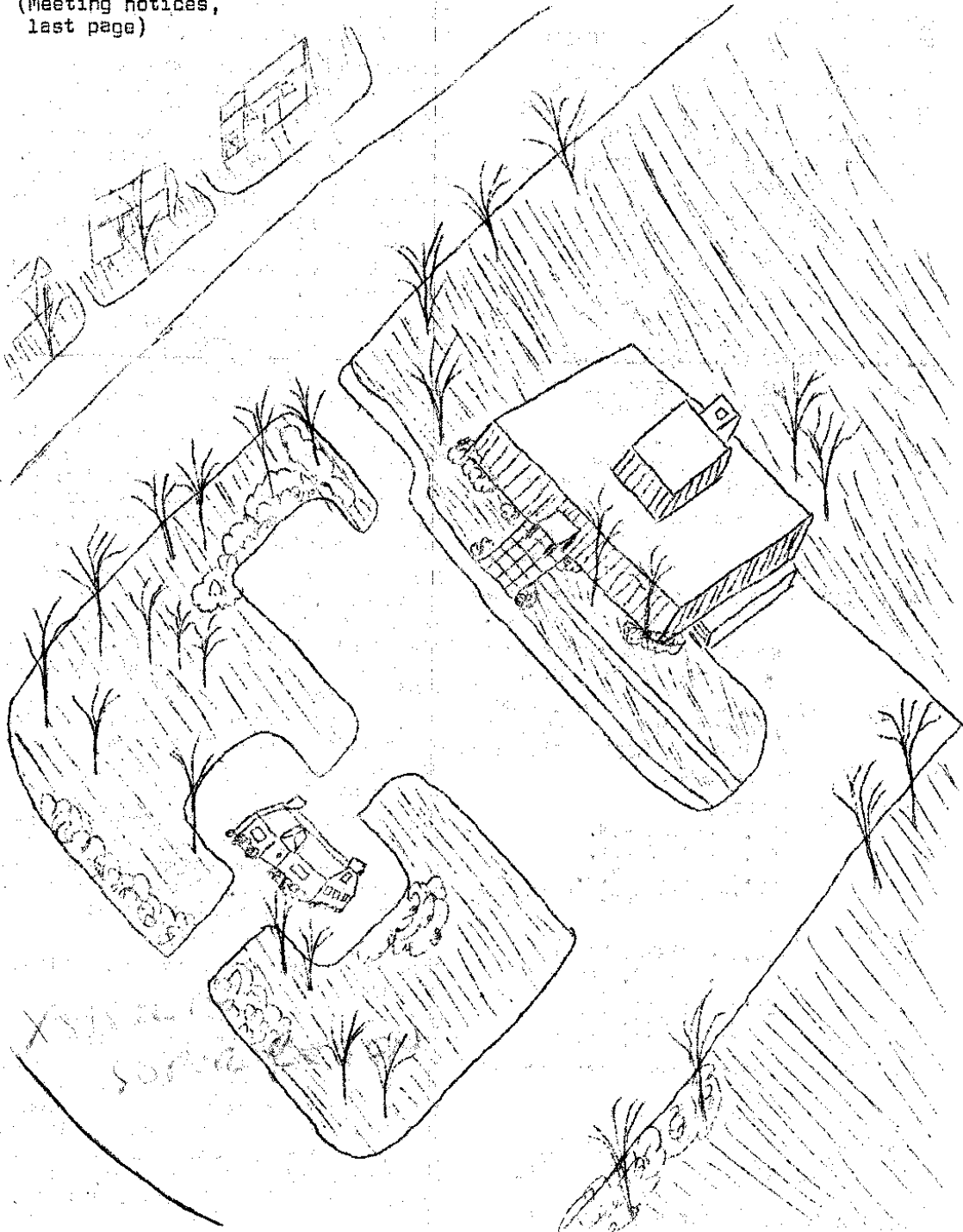
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VOLUME VI

(Meeting notices,  
last page)

AUGUST 1963

NUMBER 5



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CLUB CALL: W3CCX

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829 W. Fishers Avenue,  
Phila., Pa. 19141  
215- DA. 4-7524

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

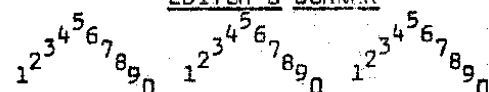
MEETING PLACE: WEST OAK LANE JEWISH  
COMMUNITY CENTER, SEDGWICK  
& THOURON STREETS, MT. AIRY,  
PHILA., PA.

MONDAY NIGHT NETS:  
144.2 - 8:00 P.M.  
50.2 - 9:00 P.M.  
221.4 - 10:00 P.M.  
NITWIT - Approx. 10:15 P.M.

NET CONTROLS:  
144.2 - W3SAO, Frankie  
Alt. W3FSC, Oesie  
50.2 - W3CL, Harry  
221.4 - W3KKN, Ernie  
NITWIT- W3SAO, Frankie

\*\*\*\*\*

EDITOR'S CORNER



HELP! A Masters degree in Math is -2-

needed.

First the telephone company came out with an Area Code number, then they started dropping exchanges and using numbers. Now a new number is being added for Direct Distance Dialing. After August 18, if you live beyond an 18 mile radius of Philadelphia and you wish to call anyone in Philadelphia you must first dial #1. For example my number will be; 1-215-DA. 4-7524, and when we receive an all number call it will be; 1-215-324-7524 (you will still be able to dial DA.4 until they change all the dials to eliminate the letters).

Now add to all the telephone digits the new ZIP Code digits for mailing.

See, you don't have to be a jailbird to have your name changed to a number!

Thank goodness there is only one number in the call letters. (Let's not give the FCC any ideas.)

Speaking of ZIP Code numbers, as we were a short while back, This was started for Large Company Bulk Mail, but nearly everyone has received a notice from their Post Office giving them their ZIP Code number. We also understand that the Postal Department has begun printing ZIP Code Postal Directories for distribution, so it won't be long until it will be a must for everyone.

TO OUR SUBSCRIBERS, EXCHANGE PAPERS AND COMPLIMENTARY READERS: PLEASE SEND US YOUR ZIP CODE NUMBER!

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Still sticking to the Postal Department; REMEMBER in the June or July 1962 issue of "Cheese Bits" we printed an article from the Evening Bulletin regarding the putting of third class mail in envelopes (self mailers).

This article raised quite a bit of discussion, pro and con, but we propositioned the club into purchasing envelopes and "Cheese Bits" was mailed in this manner until the June and July 1963 issue.

Now, regarding the July issue. Today we received a copy back from the Post Office, Foreign Section with the following notation;

"The articles returned herewith cannot be forwarded to the destination in the present condition for the reason checked below. Please have deficiency supplied and correct lists or changes accordingly.

Improperly prepared, must be sealed, be under wrapper."

We have nothing more to say, except "Thanks" to the Post Office for returning it, as third class mail is not returned unless requested and paid for. To those who doubted the quote from the Evening Bulletin we have only one word, "Nyay!" Whether the June issue was forwarded we do not know, but we do know that the July issue was not.

KNOW YE THAT:

The following pages lists the Contributors to the A.R.R.L. Building Fund  
Sponsored by the Mt. Airy V.H.F. Radio Club, Inc.

This effort recognizes the South Jersey Radio Association, East Coast V.H.F. Society, Reading Radio Club, York Radio Club, The Hilltoppers, Mobile Sixers, The Keystone V.H.F. Radio Club, Bucks County Amateur Radio Club, Delaware Valley Chapter of Quarter Century Wireless Association, and their many friends, for their cooperation.

K3HWZ,  
Chairman,  
Pack Rat Building Fund

*****	*****	*****	*****	*****	*****	*****
K2AA	W2BIK	W3CAA	W2E2M	W3GKW	W2IUU	W3KLL
K2AZ	W2BCV	W3CUL	W2E2N	W3GEW	W3IA	W3KKX
K2ARY	W2B2W	W3C2M	W2ESW	W3GEC	W3IXL	W3KFK
K2ATA	W2BAY	W3CDS	W2ELO	W3GXB	W3IHT	W3KTK
K2AWS	WA2BOP	W3CPH	WA2EKP	W5GDL	W3ISV	W3KKN
K3AAA	WA2BNF	W5CPX	WA2EHJ	*****	W3INW	W3KXH
K3ANV	WA2BBV	*****	WA2EY	K2HAC	W3INH	W3KEV
K3ACR	WA2BBU	K2DD	WA2EFN	K2HZN	W3ITH	W3KGG
K3AEE	WA2BHU	K2DWL	WA2EWT	K2HHS	W3IYF	*****
K3AFT	WA2BDF	K2DEI	WA2EMB	K2HOD	W3IUR	K2LNO
K3ALH	W2BHG	K2DCN	WA2ERB	K2HAK	*****	K3LAV
K3ALK	W3BBG	K2DQT	WA2ENN	K2HBY	K2JQU	K3LML
K3AKN	W3BFH	K3DJL	W3EM	K2HJY	K2JGU	K3LOM
K3AXW	W3BUX	K3DAQ	W3ELI	K3HNT	K3JZJ	K3LBT
K3AVT	W3BSI	K3DUW	W3EQV	K3HWZ	K3JNZ	K3LWY
K3AZH	W3BYF	K3DJC	W3ERS	K3HJA	K3JLL	W2LY
K3ALD	W3BIP	K3DEV	W3EMT	K3HSS	K3JRF	W2LOY
W2AXU	W3BVR	K3OCU	W3EBQ	K3HGX	K3JFF	W2LOC
W2AFJ	W3BRU	K3DLS	W3EDU	K3HWX	W2JAV	W2LOU
W2ADA	W3BQU	K3DJG	*****	K3HDP	WA2JHX	WA2LGE
W2ABG	W3BYB	K3DLP	K2FP	K3HFV	WA2JNA	WA2LIZ
W2APB	W3BUR	K3DPC	W1FDD	K3HHI	WA2JNG	WA2LJR
W2AUF	W3BUL	W2DMU	W2FPM	K3HGA	WA2JER	W3LEY
W2AFU	W3BQU	W2DGN	W2FYT	K3HCE	W3JBD	W3LHF
WA2AVD	W3BBV	W2DWL	W2FZP	K3HBM	W3JZC	W3LP
WA2AGR	W3BK8	WA2DMG	WA2FNN	K3HLR	W3JSD	W3LHA
WA2ABF	W3BGI	WA2DMC	WA2FGA	K3HNP	W3JAY	W3LNX
WA2AXG	W3BAH	WA2DKW	WA2FJG	K3GIQ	W3JKH	W3LML
W3ASD	*****	W3DNC	W3FBF	K3HEY	W3JZD	*****
W3AUX	K2CPR	W3DOW	W3FSC	K3HND	W3JMG	K1MFQ
W3AJF	K3CJV	W3DUR	W3FOZ	K3HWE	W3JEH	K2MAT
W2AYG	K3CHN	W3DUI	W3FOD	K3HTY	W3JHG	K2MPU
W3AEM	K3CXO	W3DUL	W3FTP	W1HCZ	W3JQH	K2MPT
W3AAJ	K3CIV	W3DEN	W3FINF	W2HX	W3JGX	K2MPL
W3AWA	K3CBE	W3DCE	W3FDW	W2HVE	W3JZC	K2MLB
W3ARP	K3COA	*****	W3FXA	W2HBE	*****	K2MGZ
W3ADA	K3CCR	K2EW	W3FUY	W2HIQ	K6G1204	K2MBW
W3AHZ	FP8CB	K2ETI	*****	WA2HYM	K2KFE	K3MAD
W3AIZ	W2CCS	K2EKM	K2GOS	WA2HYY	K2KTS	K3MSV
W3AJO	W2CM	K2EQQ	K2GCD	WA2HYQ	K2KIC	K3MFI
W3AMC	W2CFB	K2EFN	K3GNJ	WA2HJB	K2KJT	K3MLI
W3ALR	W2CCX	K2EJU	K3GSV	W3HYD	K2KPR	K3MPG
*****	WA2CDP	K3EH	K3GZU	W3HIN	K3KMN	K3MUV
K2BX	WA2CNV	K3ESL	K3GZT	W3HIX	K3KUB	K3MPZ
K2BG	WA2CMG	K3EOD	K3GAS	WA4HST	K3KTY	K3MNV
K2BPX	WA2CHN	K3EMA	K3GAY	*****	K3KVS	K3MGQ
K2BNK	W2CDZG	K3EMR	K3GQZ	K2IBF	K3KKM	K3MBQ
K3BDN	W3CL	K3EIH	K3GGQ	K2IPG	K3KHV	K3MBR
K3BPP	W3CLT	K3EHQ	K3GRY	K2IPG	K3KUC	K3MEH
K3BPK	W3CJT	K3EPB	K3GDI	K3IUV	K3KDK	K3MIJ
K3BHK	W3CCX	K3EJJ	K3GDD	K3IUZ	K3KKQ	K3MSX
K3BGT	W3CKP	K3EJF	K3GTI	K3IPM	K3KZT	W2MR
K3BEF	W3CPT	K3EOT	W2GYE	K3IFH	K3KLK	W2MPP
K3BAP	W3CFS	K3EDH	W2GVB	K3IGX	W2KE	W2MAB
K3BVZ	W3CXU	K3EBS	W2GGO G80	K3IOJ	W2KER	W2MFF
K3BRJ	W3CLQ	K3EJA	WA2GWM	K3IJJ	W2KEG	WA2MGV
K3BWB	W3CRL	K3ESJ	WA2GSD	K3ICR	WA2KZP	WA2MLJ
K4BRK	W3CKA	K3EJ	WA2GJE	K3IDK	WA2KCG	WA2MON
W2BV	W3CLE	K3EJA	W3GMA	K3IZU	WA2KZF	WA2MTQ
W2BI	W3CNO	K6EIS	W3GII	W2IHA	WA2KRX	WA2MFX
W2BBW	W3CGS	W2ER	W3GIF	W2IND	W3KV	WA2MTW
W2BVN	W3CWD	W2EIF	W3GCR	WA2IAZ	W3KO	W3MVF

W3MXW	K30DM	W3QCR	W3TEQ	WA2WCO	<b>FRIENDS</b>
W3MOR	W2DAC	W3QQV	W3TXD	WV2WQY	ASHER
W3MAO	W2QWA	W3QPR	W3TEC	WV2WQZ	BERNIE
W3MRY	WA2DNB	W3QPK	*****	W3WOD	BILL
W3MRK	WA2OHA	K3QMM	K2LWV	W3WDC	CHARLIE
W3MFY	WA2DPZ	*****	K2LWH	W3WNF	EVA
*****	WA2OGA	K2RRC	K2UKC	*****	HARRY
K1NPE	WA2DIY	K2ROQ	K2UAG	KE2XMY	HELEN
K3NSG	W3OB	K2RVH	K2URC	K2YVE	HGT PRODUCTS
K3NCF	W3OR	K3RNK	KN3USE	K2YFF	IVA
K3NJF	W3OY	K3RAB	KN3URP	K2YLH	JEAN
K3NUL	W3OZP	K3RTR	KN3UER	K3YEW	JOE
K3NVU	W3OML	K3RYR	K3UJD	W2YIA	JR. OP. W3SAO
K3NYA	*****	K3RCV	K3UQB	W3YA	KAREN
K3NJM	K2PTJ	K3RRQ	W2UWU	W3YPL	LEN
K3NVI	K2PVA	K3RYQ	WA2UWU	W3YFV	LUCY
K3NKO	K3PIQ	K3RIT	WA2UGA	*****	MOTHER RAT
K3NPA	K3PRE	W1RJA	WA2UGG	W2ZI	NELLIE
K3NYG	K3POH	W2RG	WA2UOY	W2ZCE	PAT
K3NYN	K3PRA	W2RFV	WA2UGZ	W3ZRR	PAUL
K3NLX	K3PFU	W2RES	WA2UOB	W3ZRG	PRESS
K3NMM	K3PXT	W2RZC	WA2UXI	W3ZSI	ROSS
K3NDY	K3PYB	WA2RER	WA2UXP	W3ZEY	RST
K3NZZ	K3PHC	W3RV	W3UA	W3ZTL	PATSY
K3NSH	K3PRB	W3RVS	W3UKG	W3ZYK	SPDHN
W2WZG	W2PLD	W3RZU	W3UAX	*****	STEVE
W2WKB	W2PEZ	W3RVZ	W3UMI		SUSIE
W2NTY	W2PBZ	*****	W3UQU		XYL, W3YA
WA2NXV	W2PXZ	K2SPW	W3UZZM		
WA2NTA	WA2PEZ	K2SGX	W3UJL		
WA2NAT	WA2PDU	K2SWZ	*****		
WA2NTY	WA2PJV	K2SMZ	K2VEB		
WA2NDM	WA2POJ	K3SJV	K2VMW		
WA2NJQ	WA2PHA	K3ERY	K3VEX		
WA2NDN	WA2PUZ	K3STY	K8VEL		
W3NNA	WA2FMH	K3SMK	K8VWE		
W3NSC	WA2PWI	W2SMJ	K8VBU		
W3NSI	W3PH	W2EXD	W2VX		
W3NKO	*****	W2SZP	WA2VCO		
W3NGN	K2QDS	WA2SZG	WA2VIF		
*****	K2QJO	WA2SFY	WA2VIF		
K2OKA	K2QMO	WA2SWI	WA2VPI		
K2QGA	K2QPN	WA2SFW	WA2VYM		
K2QYW	K2QDK	WA2SWH	WA2VIR		
K2QHM	K2QKN	WA2SAZ	W3VR		
K2QFH	K3QJT	WA2SNT	*****		
K3QGH	W2QHB	W3SAD	KN3WUC		
K3QRT	W2QLW	W3SM	KN3WQB		
K3QEC	W2QCR	W3SMF	KN3WQC		
K3QAP	W2QUH	W3SMH	K3WOB		
K3QZN	W2QBI	*****	K3WPH		
K3QSR	W2QKN	K1TGX	K3WEU		
K3QBY	WA2QCC	K2TYW	W2WT		
K3QEA	WA2QLU	KN2TZV	W2WGA		
K3QBD	WA2QHR	K3TUX	WA2WFW		
K3QJX	WA2QHI	K3TWW	WA2WCR		
K3QWV	W3QB	K3TOW	WA2WNI		
K3QXE	W3QX	WA2TOV	WA2WZV		
K3QZU	W3QBN	WA2TYU	WA2WEB		
K3QDW	W3QAS	W3TNS	WA2WNY		
K3QDZ	W3QXV	W3TYX	WA2WNO		
			WA2WDR		

\*\*\*\*\*  
 That is the list of all our contributors. Should any name or call be missing, we ask your tolerance. It is a very long list, and in a years time one or two may have been misplaced. The list will be rechecked and should we find any missing ones they will be acknowledged later.

We wish to thank each and everyone for their help in the "Buy A Brick" Campaign to raise \$1000 for the Building Fund.

Remember, the last \$500.00 turned in is to be matched dollar for dollar, which makes that actual contribution \$1500.00.

The "Buy A Brick" Campaign is over, but the ARRL Building Fund is still open, so if you feel you should send in more money, do so.

We, The Pack Rats, say "Thank You,"

\*\*\*\*\*  
 The drawing on the cover is not an artists' conception of the new building, but is a free hand conception of ye editor. We are not an artist, so please do not complain about the symmetry. Thank You.

\*\*\*\*\*  
THE TRIP TO ARRL HEADQUARTERS, NEWINGTON, CONN.  
BY THE PACK RATS AND FRIENDS  
SATURDAY, JUNE 29, 1963

The day started off rainy and dreary, but that didn't dampen the spirits of the Pack Rats and their Friends. Half awake and dripping with perspiration, the group started arriving at North Philadelphia Airport at 5:30 A.M. Right on the dot of 5:45 A.M. the bus, with Chuck Morrison at the wheel, pulled into position. At 6:00 A.M. we were ready to go, but 2 hams and a friend were among the missing. We waited, and about 6:05 A.M. we see a car coming up the driveway blinking his lights. So the lost was found. Seems that W3MXW, Joe Salamon, with his nephew Allen, and K3QUW, Alan Goodman, made a wrong turn. The bus "took-off" at 6:09 A.M.

Those on Board were; \*K3HWZ, Bill McCutcheon; W2AXU, Jack Power; W3CL, Harry

Stein; W3SAO; Frankie Brick and Mother Rat; K3HJA, Earl Wenk; W3CPT, Ken Harrison; K3DLS, Carl Croce; K3LBT, Alfred Ohenland; W2EIF, Jo Kilgore; W3MVF, Dave Bloch; W3YA, Gil Crossley, Atlantic Division Director and his XYL, Noo-anna; K2QDS, Mike Fekete; K3HNP, Dave Heller; W3AJF; Horace Deacon; K3IUV, Bert Soltoff; Jack Weldon; W3KHZ, Ed Kushner; K3GAS, Doc Cutler; W3JMG, Rudy Olsen; K3EOD, Al Boblitt; W3BVR, Ted Leaf; W3AEM, Russ Freed; W3BIP, Bill Wiand; \*W3HFY, Hal Grace; K3EH, Harry Densham; K3MUT, Gordy Bennett; K3IOD, Bob Melli-champ; W3NSC, Charlie Arnold; K3IPM, Stan Smith; W3UMI, Willie Jones; W3AFT, Joe Mortimer; W3AUX, Bill Long and his XYL, Patsy; K3KPD, Les Veitt; K3VBX, Chuck Trotter; K3EOD, Walt Berlineki and last, but not least, W3MXW, Joe Salamon and his nephew Allen, with K3DLW, Alan Goodman. (3 women with 40 men, including the driver, WOW!)

The clubs represented were; Bucks County; Mobile Sixers; South Jersey and, of course, The Pack Rats. (23 Pack Rats)

\*K3HWZ & W3HFY represented both the Pack Rats and the Mobile Sixers.

Before leaving, the driver introduced himself and said that smoking would be permitted after we left Philadelphia and cocktails would be served en-route. The only liquid received on board was the condensation from the air conditioner which gathered on the floor, Hi!

At 7:15 A.M. we made our first stop in New Jersey, where everyone had coffee and some ate breakfast. The last three out were K3DLS, Carl, K3EOD Al and W3UMI, Willie.

Our second stop was at 9:30 A.M. in Connecticut. Most just got out and gave their legs a stretch. It was here that we asked Jack Weldon, a friend of "Grandpop Bill", if he still wanted to be a ham. He said, "Yes." So we told him that the first requisite was to be "Nuts", and he came back with, "I'm married, that's a start." (He qualifies!)

Of course, three had to eat; K3DLS, K3EOD and W3UMI.

At 11:30 we stopped at the Puritan Restaurant in Berlin, Connecticut for lunch. We spent one hour there. It was here that yours truly's hair and face were dry enough to take care of. While combing my hair and putting on "my face", one of the customers, seeing the Pack Rat Emblem on the back of my blouse, asked; "What is this organization "The Pack Rats", my husband and I were wondering?" We told her and that we were going to Headquarters to present them with a model of their new building. She said, "You mean hams? They do a lot of good. We read all about them in the Readers Digest."

This time they had to wait for W3BVR, Ted, W3CPT, Ken, K3DLS, Carl and myself, but that is because we were the last ones served and Carl bought some maple sugar candy for his sister.

At 12:50 we pulled into Headquarters. The first one out the door to greet us was W1HDQ, Ed Tilton, before the bus stopped. Before going into the building the group assembled beside the bus for pictures along with the signs made by W2EIF, Jo.

On hand to greet us were; W1HDQ, Ed Tilton, VHF Editor, QST; W1ECH, Gary Foskett, Assistant Secretary ARRL; John, a W3/1, "Strays" writer, QST, (Sorry we didn't get his complete handle and call); W1YMM, Ellen White, Assistant Communications Manager; W1WPD, Bob White, DXCC, QST. We were divided into groups of seven and given a tour of the place.

Don't expect a glowing description, for, because of the carpenters strike, the building was not ready for any group to visit. If you have ever visited anyone who has just moved, you can understand. Everything is in the room it should be, but everything must be sorted out and put in place. That was the confusion we met. Workmen were still working on the driveway and grounds and inside, they were busy setting things aright.

While the groups were taking the tour, Grandpop Bill and some others set up the model, which will be on permanent display in the lobby. Also a phone call was put-in to the old Headquarters in West Hartford, by Nooana Crossley, to let them know we were there. As a result of this call we had; W1BDI, Ed Handy, 2nd Vice-President and Communications Manager; W1LVQ, John Huntoon, Secretary, General Manager ARRL and Editor "QST"; W1UED, Perry Williams, Assistant Secretary ARRL; W1WJM; George Hart, National Emergency Coordinator and two female secretaries, who's names we will not mention as you will see why later.

Pictures were taken of the Model Presentation along with the Presentation of the check for \$500.00 from the club and its friends.

The only ARRL Official present who had any idea of what the model looked like was W3YA, Gil Crossley, Director, Atlantic Division. Those at Headquarters were expecting either a wooden model or a cardboard model. Comments heard were, "I can't believe it, I can't believe it!" The model is an exact duplication of the new building and the W1AW Shack, from the blue-prints. It is a perfect reproduction including the landscaping and antennas for W1AW and is 5' x 9'. Each brick on both buildings, including those making-up the walkway

around the Shack contains either a call or a name.

What they liked the most were the "Out Houses" especially the "15 Room", identified as "ARRL Huddle Hut".

The building, itself, is plain, beautiful, bright and spacious. Speaking of spacious, we have a little anecdote to add. Ever move into new place? You will understand. One of the secretaries, looking for the Lavatory, walked into the wrong one, and trying the next door, thought they had a shower room, but it turned out to be the mop closet. We can defend her, because it does look like a shower room; all tiled and a drain and spigots for washing them out. Upon returning to the Technical Department we told the other secretary about the shower room, and she knew nothing about it, so we showed her. It was then she said that she had made the same mistake. While talking, we started to giggle, and they wanted to know why. We told them that we were the editor of "Cheese Bits" and it would be in, but we wouldn't mention their names. By the way, the rooms were labeled for our visit.

WIAW was open to anyone of the group who desired to operate it, and many took advantage of the opportunity.

While making the tour we saw a large ARRL Emblem, 30" x14". W3CPT, Ken, asked us if we wanted a souvenir. Later, down in the lobby, while talking to John Huntoon, we mentioned it and he went upstairs and brought it down and presented it to us. It is the sign that had been on the old building for 20 years.

While we were in the Technical Department chatting with the girls, the Rats and their friends and the group from Headquarters were in the lobby discussing the pros and cons of Incentive Licensing with no holds barred.

At 4:00 P.M. we all piled into the bus and headed for the Nutmegger House and dinner. Instead of after dinner speakers, we had before dinner speakers. John Huntoon formally thanked the club and asked us to visit them again when everything was in shape. Ed Tilton presented the gavel for first place in the January V.H.F. Sweepstakes to K3IUU, Bert Soltoff, our Past President and Presented the Certificate for high score in the country and section, to K3HWZ, Grandpop Bill, our new President, to present to W3KKN, Ernie Kenas.

At 6:08 P.M. (exactly 12 hours later) we boarded the bus for home, tired but happy. At the first stop, those who were sleeping, awoke and we all got out and stretched our legs. The last three out of the Luncheonette were Carl, Al and Willie. The next stop was two hour later, and if any of our sleepers were snoring, we couldn't bear them because of the yakking and the noise of the air conditioner motor. Three guesses as to who the last three out of the Luncheonette were! The boys decided that they would have to roll Willie off the bus.

As the bus neared the turn-off for the Airport, a rousing cheer went up for "Grandpop Bill" for a job well done. And as the bus turned into the driveway to the Airport, a rousing cheer went up for Chuck, our driver, for the outstanding way in which he handled the bus and providing us with a safe and sound trip.

We arrived at the Airport at 11:50 P.M., weary, but happy travelers.

The highlight of the trip for yours truly, was that she did not have to be introduced to anyone at Headquarters. They looked her up and introduced themselves. (See boys, we told you you wouldn't dare make the trip without Mama.)

We would like to take this opportunity to thank the "gang" at Newington for their hospitality and to our friends who made the trip with us.

\*\*\*\*\*  
In rechecking the list of contributors we discovered four calls were missing, and we wish to acknowledge them here with our apologies.  
K3ABK, K3DMA, K3DLU and K3VPP.  
Only four calls out of over 700, that's not a bad score. Think of the troubles they must have making up the Callbook, wow!

\*\*\*\*\*  
While there, John Huntoon came up with the brilliant idea of giving us all paint and brushes to paint the Shack and make it look as good as the model.

The inevitable question as to how Mt. Airy got the name of "Pack Rats" was posed by Perry Williams, and Mama had to explain. For our newer members and readers we will once again print it in "Cheese Bits".

When the boys first got on the air, they did a lot of fooling and break-ins on each others transmission and a fellow in Jersey said, "You guy's sound like a bunch of Pack Rats," and the name stuck. Many other hams have tried all combinations of the letters to try and make some sense out of the name. It means just what it says, "Pack Rats".

The name "Cheese Bits" is my brainchild. Rats eat cheese and leave little bits, so we try to pass along little bits of information

That is the story of the two names; "Pack Rats" and "Cheese Bits".

# Multi-Band Transistor Super Regen Receiver

De-K3BMP  
Oscar Snow

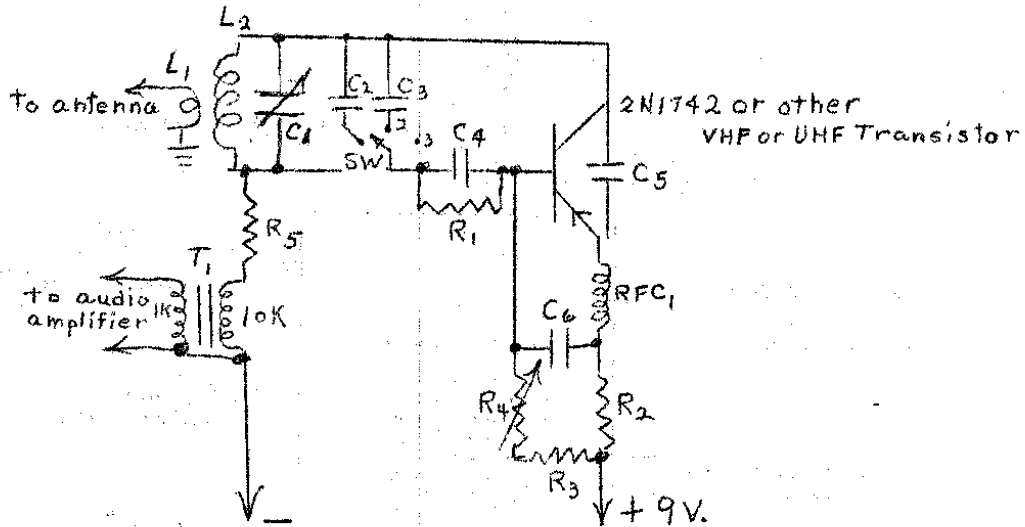


Fig. 1

PART	USE FOR 117-160 MC.	USE FOR 220 MC.	USE FOR 6 Meters
L1	1 turn 1/2" dia. #16	1 turn 3/8" dia. #16	1 1/2 turn #24 enamel over cold end of L2
L2	3 turn 1/2" dia. #16	1 1/2 turn 3/8" dia. #16	14 turns #24 enamel on 1/4" form (no core)
RFC1	Z-144 or equiv.	Z-235 or equiv.	Z-50 or equiv.
C1	1-8uuf Johnson 9M11 or equiv.	8-4.5 tubular trimmer JFD VC 21G	1-8uuf Johnson 9M11
C2	10uuf tubular ceramic	do not use	do not use
C3	6.8uuf tubular ceramic	do not use	do not use
C4	470uuf disc ceramic	470uuf tubular ceramic	250uuf disc ceramic
C5	5uuf tubular ceramic	3uuf tubular ceramic	15uuf tubular ceramic
C6	10-50uuf, 10 V.	same	same
R1	39K	27K	33K
R2	1K	same	same
R3	5.6K	do not use	10K
R4	10K miniature pot.	same	same
R5	5.8K	same	same
T1	Lafayette TR-98 (use 1/2 sec.)	same	same
SW	Sub-Min. rotary switch Lafayette SW-78	do not use	do not use

Full-Scale Bottom View of 118-167 Mc. Super Regen Circuit

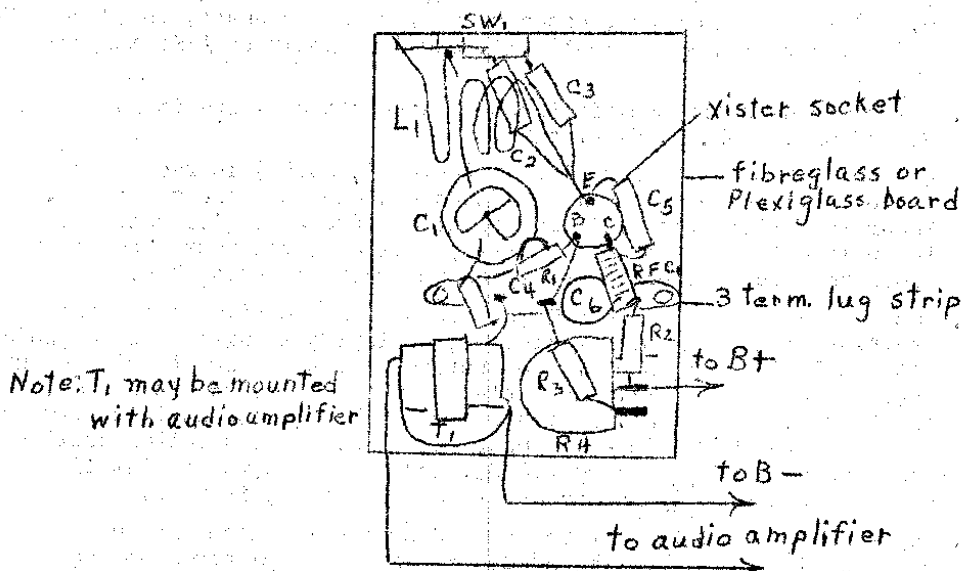


Fig. 2

# Packaging For Super Regen. Circuits

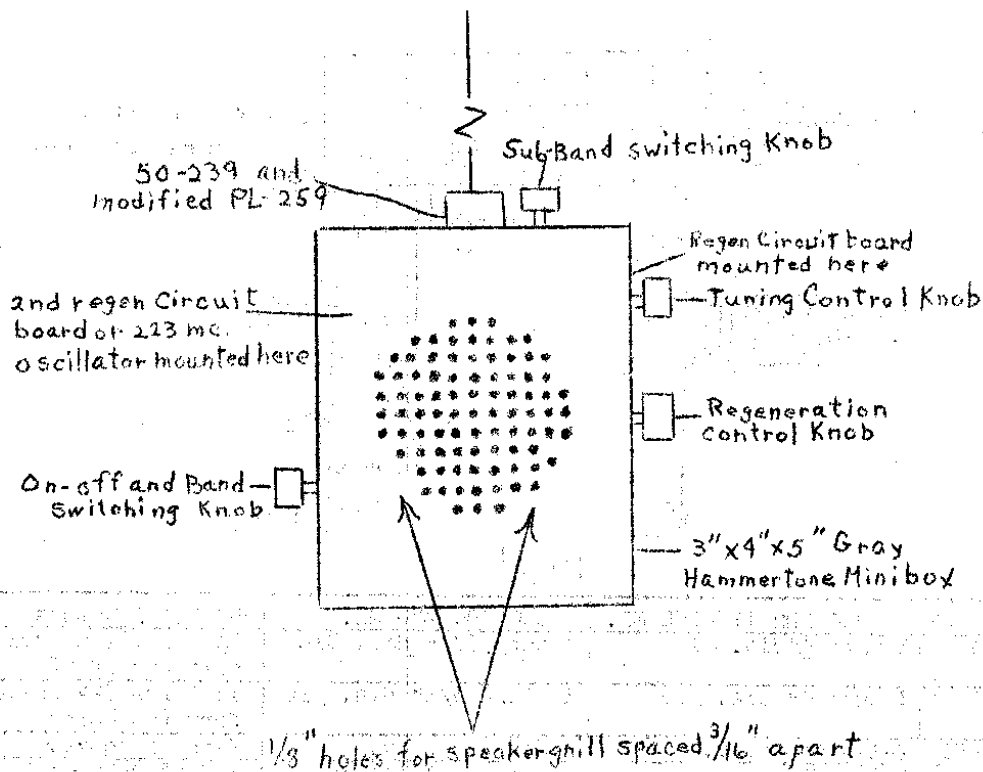


Fig. 3

## NOTES:

1. Sub-bands of 117-160 MC. range are:  
 SW1 : 118-133 MC. (aircraft band)  
 SW2 : 130-147 MC. (aircraft and 2 meters)  
 SW3 : 143-167 MC. (2 meters and "police band")
2. Transmissions above 2 meter ("police bands") are mainly NBFM and are not normally received satisfactorily.
3. Best results were obtained with aircraft and 2 meter bands using wire antenna of approximately 2 ft. length, or with normal 2 meter antenna. 220 MC. circuit was found to work effectively only with normal 220 MC. antenna. 6 meter circuit was found to be least satisfactory because of more critical antenna, ground and unknown other reasons.
4. Fairly effective FM band (88-108 MC.) reception in strong signal area was found to be obtained with 223 MC. oscillator ("CQ", July 1961, p. 51) loosely coupled (spaced approx. 2 inches apart) to L2 of 117-160 MC. circuit, with 118-133 MC. sub-band position ("Fremodyne" circuit).
5. Basic circuits are modifications of Stoner's articles in May 1962, p. 77 and Oct. 1962, p. 61 of "CQ".
6. Lafayette 4-transistor amplifier (#PK-453, \$4.95) is recommended for audio amplifier - uses 8-10 ohm speaker, and 50K volume control. Separate battery for audio amplifier was found to give best results, to avoid motor-boating when battery gets a little weak; however a decoupling circuit could probably be employed to avoid this.
7. Two or more of these Super-Regen circuits can easily be mounted in a 3"x4"x5" or other convenient minibox, employing a switch such as Lafayette SW-30 (4 pole, 3 pos. min. rotary) for switching to single audio system, battery and T1. Author's arrangement is one 117-160 MC. (3 sub-bands), one 223 MC. Oscillator for FM band, plus audio system in 3"x4"x5" Gray Hammertone minibox. (see fig. 3) with switch position and connector for outboard 220 MC. and 3 meter circuits (still using same batteries audio system and T1 as for other circuits).
8. Super-Regen circuits must be mounted on insulated boards such as plexiglas or fibreglas, however a larger sized minibox for mounting is desirable to obtain sizeable ground for the antenna.



MORE QSO PARTY

By K3JJZ, Elliott Weisman

Unfortunately I wasn't there at the beginning. Conditions at the Salt Mines were such that both first and second shifts worked on Saturday, June 8.

The best I could do was to arrive at the site (after getting lost twice) at 0200 on June 9th. I wasn't sure that this was the right place although the layout was vaguely familiar. Sitting in the dark, and operating 6 meters was W3FQD, Dick, (he turned off the lights to avoid the bugs). I hadn't even had time to take my tie off when he said, "Boy, am I glad to see you, now I can go home." "OK", I said, "Wait until I get into some field day type clothes." I made the change and started to look around. K3IUV, Bert, and W2AXU, Jack were operating 220 and 432. W3CL, Harry, was unconscious on a lounge chair. (that bump on the head must have affected him). K3IUZ, John, was operating 2 meter and had been at the site from the very beginning. I peeked into the 2 meter tent (tent courtesy of K3LEA, John) and spotted a receiver which was not the same as last year's. "Who belongs to that?" I asked. "That's mine," said John. The Transmitter on 2 was W3GXB'S, Bob.

I staggered back to the 6 meter location and almost tripped over a 4 ft. rack. "What's this?" I asked Dick. "That's John's rig." "Who's table?" "John's" As it turned out, this guy K3IUZ supplied more stuff than you could put in a moving van. The only thing that bothered him was the fact that he didn't tell the XYL he would be out all night. He worried about that all the way up to 0500 when he and I were in the New Hope Diner for coffee. I wonder what really happened when he got home.

Different visitors showed up on Sunday as they usually do. There were no major breakdowns. (Boy, is that ever unusual). Among the other operators were, K3LOM, Harry; K3ACR, Rich; W3SAD, Frankie; K3PXT, Carmen and K3DLS, Carl. (if we missed any, we apologize)

The following weekend was antenna take-down. As a matter of fact it turned out to be Fathers' Day. I must say that the antennas came down without calamity and I can't really find a good reason for being so lucky, possibly we were lucky because it was Fathers Day.

Frankie and I loaded up cars and away we went 'til next year. Those involved with the QSO Party had a real ball, and those of you who weren't,

"YOU SHOULD HAVE BEEN THERE!"

73,  
K3JJZ, E1.

\*\*\*\*\*  
For our new readers; K.U.I. means Keeping Us Informed, the next column.

K.U.I.

By W3HKZ, Ed Kushner

SMALL OSCILLATOR POWERED BY "RAT"

VALLEY FORGE, Pa.--A small 500Kc oscillator was powered by a rat through implanted electrodes in bioelectrogenesis experiments at the Missile & Space division of General Electric Co., here.

In the experiment, designed to show that useable power could be generated by living animals, a maximum power of 155 microwatts was observed under a load of 500 ohms at 0.23 volts, according to John J. Konikoff, manager of the physical biology operation at the divisions space sciences laboratory.

Mr. Konikoff noted that while much research remains to be done, the experiment indicates that the electricity in animal bodies can be used for other than diagnostic purposes, such as electrocardiograms.

He suggested the possibility of cardiac stimulating devices in which the power is generated by the human's body rather than by implanted batteries. Another possibility, he said, was improved sensors.

In the rat experiment, two electrodes were implanted, one of stainless steel inserted subcutaneously and the other of platinum back in the peritoneal cavity.

The oscillator used in the experiment was put together by the group's electronics people, Mr. Konikoff said. While it used standard components, the GE researcher pointed out that advances in the field of bioelectrogenesis will depend a great deal on use of micro circuits which can take advantage of the low power generation of animals.

Current efforts, he said, are directed toward determining the useful length of time electrodes can be implanted without causing harm to the animals, various electrode materials, locations for implantation and ways of achieving maximum energy levels, among other, he said.

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NEW PRODUCTS OF INTEREST TO HAMS

By W3NSI, Lynford Rowland, Jr.

- 1. Hexscales - Switch boots & Potentiometer sealing nuts.

These units should find application in outdoor intercoms and speakers with volume controls. May also be used for waterproofing joints between boom indicator pots and masts. Resistant to salt water, (mobile marine hams) acids, weather, sunlight and ozone.

Price 40-60 cents in small quantities.

(Next page)

Multi-Flex Seals Inc.  
1811 First Ave.,  
N.Y., 28, N.Y.

## 2. Miniaturized Meters for Indicator use.

Minipilot meter model CFM-11, is designed for a variety of indicator applications such as; signal strength, battery capacity, built in FSM indication. Less than 1/2" in dia. one of these units could be used with the smallest pocket Trans. - Rec. unit. Ranges avail, -200 micro-amp - 2 Ma.

Price - Less than \$1.30 in small quantities.

Philip Roy Co.  
5312 N. Oriole  
Chicago, 31, Illinois

## 3. AmpereX 8408

This frame-grid tube heats in 1/2 second for use in mobile equipment or portable transmitters. The 8408 is a push-pull tetrode designed to be used in RF amplifier or frequency multiplier stages. It is internally neutralized for freq. up to 500 mc. The CCS rating calls for 6 watts out at 500 mc. with a plate voltage of 175 at 80 ma. At this range, 43% is good efficiency. When tripling to 500 mc. will deliver 2 watts. About the same size as the 6360, mounted on 9 pin base.

No price at this time.

AmpereX Electronic Corp.  
230 Duffy Ave.  
Hicksville, N.Y.

(Note: Please check with your local dealers first.)

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### "QRZ TWO METERS"

By K3KKM, Elmer (Woody) Smalling, III

Now that summer is well on its way and the various inversion effects and tropospheric layer angles are occasionally becoming less acute, two meters has shown a marked improvement since our last column.

Activity from all areas has increased generally;

From the North; W1AJR, Andy, Middletown, R.I.; W1RJA, Ed, Conn.; K3JPB/1, N. Mass.; K2BNK, Herm.; W2ER, Chas.; and a host of other stations representing the Northeast have been on frequently 5 x9 into Phila. during July.

From the South; W3HWZ, Hal; W3CH; W4JCC, Dinc; W3YMM, Liz have brought the Southern activity up quite a few points.

Locally; W3IBH, fixed and mobile; K3KUB Walt; K3YBB/3 George and Al; K3BPY, Greg; and yours truly have been on and in there pitching, but truthfully gents we could use some help!

A number of interesting QSO's lately bear out something which has slowly evolved in the last five or so years to becoming a point for controversy.

With the advent of increased activity on 220, 432, 1296 in some cases, and even 6700 Angstroms (pulsed laser), many folks have come to consider, "What is V.H.F.?" Should it acquire a new meaning, or is the one which has prevailed since pre-war days adequate?

Believe me gentlemen, I'm not trying to slight, or discourage anyone operating on 50 Mc., neither am I inciting rioting for I know a good many Pack Rats operate 6 exclusively, but as we progress and the state of the art advances I feel its arbitrary "categories" should advance too.

Not long ago, I was browsing through a 1938 Radio Engineers' Handbook and was amazed to find the description of "VHF Spectrum" 30 Mc. and up (and believe me, the activity on 220, 432 and 1296 was far less then, too.)

As we all know Amateur Radio has long been a strong contributing factor to advancement in the radio sciences - the low noise converters, advanced antenna systems, radio astronomy (envisioned by a ham) etc., etc. Components still used in commercial gear have become antiques in Amateur Radio circles - high noise triodes, super-regen circuitry, inefficient antenna systems, etc.

So, when Amateur Radio is making such large steps into the higher spectrums, and current state of the art "researches" a great many of us ask, "Where does VHF start and terminate?"

Well, that ends the info and soap-boxing for this month. The VHF paragraph above was prompted by a number of QSO's and interesting eyeballs in the last year with hams from all frequencies, and is not meant to be derogatory. We look forward to seeing all hands at the picnic August 11 - W3IBH @ 144.2 and W3SAB @ 145.2 will be official call-ins, and W3IBH will be on the previous evening regarding any rainy weather cancellation.

73 and CU at the Rat's picnic,  
Woody

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### CUSTOM MADE LABELS

By WA2JMA, Jim Tlass

The need for inexpensive custom made labels soon became apparent, because of all the building projects that I get involved in, and not having a plastic tape printer available all the time, I decided to find an easy way to make labels. I kept plugging away until I found the answer. The custom made labels that I have evolved fill the bill nicely at this ham shack. The labels worked out so well for me, I thought I would pass the idea along.

(Next page)

Now for the details;

- (1) Take a length of 1/2" wide Scotch #33 Electrical Tape and press it firmly down on a suitable surface (ei, clean glass or metal surface.
- (2) Now take a length of 1/2" wide Scotch Magic Tape and press it firmly down on top of the Scotch #33 (step one). Now rub surface hard with cloth or finger to remove any air bubbles.
- (3) Take a piece of cloth and moisten it with Carter's white ink. Rub moistened cloth over surface of the Scotch Magic Tape; let the ink set for a few seconds, then wipe clean. (this leaves an invisible film of ink on the surface of the magic tape).
- (4) Now print your labels in white ink on the prepared tape.
- (5) You now have two choices as to the finish of the label. Use a strip of Scotch Magic Tape over the prepared label for a flat finish or a strip of clear Scotch Tape for a glossy finish.
- (6) Lift the label off surface with a knife or razor blade, round off corners with scissors and apply it to your project.

This just about covers it fellows, Have Fun!

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# COMING EVENTS

- AUGUST 4 EAST COAST VHF SOCIETY  
HAMFEST & PICNIC, SADDLE  
BROOK, N.J.
- SUSQUEHANNA VALLEY AMATEUR  
RADIO CLUB HAMFEST, HUMMELS  
WHARF, PA.
- 11 PACK RATS FAMILY DAY &  
PICNIC, FORT WASHINGTON  
STATE PARK, FLOURTOWN, PA.
- 14 DIRECTORS MEETING, QTH OF  
W3HKZ, ED KUSHNER 8:00 P.M.
- 21 GENERAL MEETING, QTH OF  
W3KKN, ERNIE KENAS. 8:00 P.M.  
WHITE ELEPHANT SALE.
- 31 & SEPT. 1:  
ARRL NATIONAL CONVENTION  
WASHINGTON, D.C.

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## WHAT HAPPENS

Just noticed I forgot one event in the above, DO IT NOW!

- AUGUST 7 PHILA. COUNTY ARCC MEETING,  
TOWN HALL, GERMAN TOWN AVE.,  
HAINES STREET. 8:00 P.M.

Do you know the new phonetics for K3LOM Harry? They are Largo Open Mouth. You'll have to ask Harry for the story.

K3NZD, Ev, the XYL of W3ZRQ, Al the SCM was in the Coledale hospital and is now at home. Speedy recovery, Ev.

Another Ev, this time the XYL of W3IBH, Charlie was in the hospital and is now at home. Speedy recovery to you also, Ev.

Did you know that W3OR, Alan, has over 3060 mobile contacts and out of that number he has 27 different Pack Rat. He only needs three more to get his All Mobile Pack Rat Award. By the way, the lucky number 3000, to be Alan's guest at the Mobile Sixers Banquet is, K3RZC, Irv, in Wilmington, Del.

Nell Vincent, Karl's XYL, doesn't have "gets in the Belfry", she has "Owls in the attic." We aren't saying this to be funny, it happens to be a fact. There is a family of White Canadian owls in her attic. Where they came from, no one knows, but how they got there everyone knows. They broke the attic window, and everytime a new glass is put in they break it again. One was captured and turned over to the zoo. That is the reason the window is left open. They want to try and get the whole family for the zoo.

Nelly has a little lamb, but unlike Mary's it doesn't follow her, it butts her. She is the only one the lamb goes after, even I was able to scratch its head.

Picture this. The 6 meter band wide open, calls coming in from all over the country. You work a few and then pest! the transmitter goes phooey. That is what happened to Frankie down at Karl's. It seems the final tube just took off in self-oscillation. To add insult to injury, Nell's phone was out of order because of an electrical storm. There we were stuck with no means of communication to the outside, except for Frankie's sixer, but no one was interested in that peanut whistle. We couldn't even send-up smoke signals because it was too dark. Finally, Nell and I went into Smyrna, about 6 miles, and sent an S.O.S., via land-line to W3OR, Alan. He and his XYL, May answered the call, arriving at 0200 Sunday. When we left Sunday night, the phone and the transmitter were still kapoot. They knew what was wrong, but couldn't find out why.

To add insult to injury, W3SAD and W3OR drove all the way from Smyrna, Del. to Glen Mills, Pa. without making one contact until we reached Alan's back yard, and then it was his neighbor, the only other ham in that neck of the woods? Mother always said there would be days like this. Poor Frankie called "Grandma" Lou until he was blue in the face. She did manage to hear him, before trouble, but her local GRM prevented a contact. Sorry old gal, but we tried.

K3CIV, Ralph, now has a "clean bill of health" from his doctor, and says he never felt better in his life. Best news we've heard yet.

PHILA. COUNTY AREC

The formation of an active AREC is slowly but surely getting under way.

So far here is the set-up of committee chairman and headquarters and net stations.

EC; W3ELI, George S. VanDyke  
4607 Convent Lane,  
Phila., Pa. 19114  
No. 7-8329

Headquarters Station;  
W3IA, Thornley (Tom) Cain  
115 W. Rosomar Street,  
Phila., Pa. 19120

Assistant EC's;

K3EOD, Allen Boblitt  
8389 Langdon Street,  
Phila., Pa. 19152  
Membership Chairman

K3GAS, Dr. Isadora Cutler  
7815 New Second Street,  
Phila., Pa. 19117  
Meetings Chairman

Net Control Stations:

W3VSD, Albert Ciampaglia  
34 A Erringer Place,  
Phila., Pa. 19144  
10 meters

K3ESL, Benjamin Ginden  
6504 Roosevelt Boulevard,  
Phila., Pa. 19149  
6 meters

K3KKM, Elmer Smalling  
1633 Woodbrook Lane,  
Phila., Pa. 19150  
2 meters

Red Cross Coordinator:

K3WEL, Paul Berhman  
5101 Wynnfield Ave.,  
Phila., Pa. 19131

RACES Coordinator:

W3PST, Elwood Haldeman  
1732 Loney Street,  
Phila., Pa. 19111

MARS Coordinator:

W3ISN, Bud Heilbron  
7552 Ridge Avenue,  
Phila., Pa. 19128

Publicity Chairman:

W3SAD, Francis Brick  
829 W. Fishers Avenue,  
Phila., Pa. 19141

Weekly Nets: 10 meters Thursday, 8:30  
6 meters; Thursday, 9:00 P.M.  
2 meters; Thursday, 9:30 P.M.

Liaison Stations;

10 meters W3VSD  
MARS W3ISN  
Lo Freq. W3ELI

Surrounding County EC's;

Delaware - W3FLP  
Bucks - W3BUR  
Montgomery - W3AHZ  
Chester - W3CHU

Net Frequencies:

10 meters; 29,360 Mc  
6 meters; 50.2  
2 meters; 145.2

We hope to have a good showing for Phila. in the coming AREC SET this October.

We also hope to handle the communications for the Boy Scout Jamboree to be held in Valley Forge, Pa. in 1964.

We are in the process of preparing a handbook for all members and interested parties.

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"SWIMMING PARTY"

OR

DIRECTORS MEETING, JULY 19, 1963

Despite the "cool" weather, some brave souls did go swimming, but Frankie did not get his annual ducking, because of a summer cold.

This meeting was held at the QTH of W3BQU, Ham Burger. He has the most beautiful old fashioned home, redone to the latest decor without taking away from the original age of the home. Those present at the meeting were; K3HWZ, "Grandpop" Bill & XYL Marie; W3MVF, Dave and XYL, Mickey W3CL, Harry and XYL, Sylvia W3FSC, Ossie and XYL, Sylvia K3GAS, Doc and XYL, Loretta K3IUU, Bert and XYL, Harriet K3JJZ, El and XYL, Lorraine W2AXU, Jack and XYL, Libby W3AJF, Horace and XYL, Lou W3SAD, Frankie, XYL, Helen and Jr. Op. Harry

W2EIF, Jo  
W3ZRR, Ray  
K3LBT, Al  
W3HFY, Hal  
W3BQU, Ham, XYL, Marge and Jr. Op., Allen

Ham also invited the members of his Company to the "Swim-Cookout"; there were about eight of them including husband and wife.

Last but not least, was Ham's Aunt Rose, 87 years young. She is such a lovable person that we didn't attend the meeting, we stayed with Lou, the XYL of W3AJF just talking to her. She is a Maiden Lady, but in every respect a "mother" for she raised Ham and his brothers. She has a world of memories and also gave us a viewing of all of the china, which is hand-painted by Ham's Grandmother, plus the antique silver and crystal. We don't know what happened at the meeting as Lou and I just had a grand evening with Aunt Rose.

Marge, Ham's XYL, really went to a lot of trouble fixing the cookout, and Ham's son Allen, proved to be a very good chef.

All we can say is; "Thank You, Ham and Marge, we all had a grand time."

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Note: "Swap & Shoppe" will appear on a later page as we are waiting for another one from W3ZRR, Ray, and we do like to keep them all together as it makes it easier for our readers.

GENERAL MEETING, JULY 17

To start off we would like to say congratulations to W3JSD, John, at who's QTH the meeting was held. This is the first time in six years that it didn't rain.

Our new Prez, K3HWZ, Grandpop Bill started the meeting by introducing the old and new Officers and Directors. A welcome was given to the following visitors; W3PST, W3ELI, K3ORT, K3DLS, K3BBE; K3PXT; W3WED, K3YLL, K3GQJ, W3BUR, K3EQU, W2LZA; WAZWAM/3, K3QKL, K3RIT and K3QKM.

The following applications for membership were presented to the body for a vote. W3ELI, George VanDyke and K3LEA, John Frank. Information for your membership book will appear on the last page.

W3ELI, George was asked to identify himself as "Van" because of the similarity of call and handle of W3GLI, George. He most graciously did so.

Grandpop Bill then presented W3KKN, Ernie with his certificate from the ARRL as the number one VHF Man in the country and section and turned the Gavel over to him as the custodian of the Gavels.

We then went into the Auction Sale, with K3JJZ, El, acting as "Pitch Man". Among the gear auctioned off was some gear from W3ASD's, which Frankie brought up from Delaware.

It was agreed that a group of the boys would get together on Sunday, July 28 and make the trip to Smyrna and go through the rest of the gear down there. During the auction refreshments were served by Ann, the XYL of W3JSD, John.

We are most grateful to both of them for the privilege of holding the meeting at their QTH.

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We would like to wish a speedy recovery to Helen, XYL of W3QZP, Bill. She fell and broke a few ribs.

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"SWAP & SHOPPE"

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

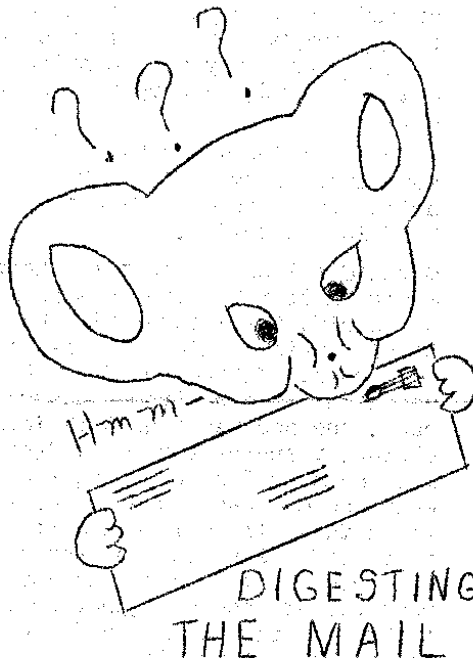
FOR SALE: 1 Hallcraft HT 32A X-mitter newly factory reconditioned. Will sell for \$400.00 or swap for used Clegg Zeus.

1 - 4 element HY-Gain Tri-band beam Thunderbird model THL, one month old. Cost \$120.00 Sell for \$70.00

CONTACT: K3OWV, Bill Arnold  
4005 Westaway Drive,  
Lafayette Hill, Pa.

FOR SALE: 1 New Cushcraft 220 colinear beam \$10.00  
2 used 4 el. 6 meter beams each \$3.00  
1 James power supply mobile 6 or 12 volt \$25.00  
1 2 meter transistor converter \$15.00  
1 Barry transmitter 220 Mc. unit new \$12.00  
1 RCA TV 21" \$30.00  
1 Heath scope 5" \$10.00  
1 Heath TV Sweep Gen. \$1.00  
CONTACT: W2KFC, Lee Miles  
9 Brookmead Drive,  
Haddonfield, N.J.  
609 - HA. 9-6445

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OFFICIAL BULLETIN NR 904 FROM ARRL HDQ NEWINGTON, CONN. JULY 3, 1963  
TO ALL RADIO AMATEURS, BT

A new temporary third party traffic agreement has been announced whereby amateurs in the United States may handle unimportant personal messages on behalf of third parties with amateur station 4U1TU in Geneva, Switzerland, during the period July 1 through December 31, 1963. This bulletin supercedes Official Bulletin Number 900 dated May 31, 1963 concerning 4U1TU  
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(ED. NOTE: We have received many compliments on our editorial of last month both verbal and written, for which we say "Thank you". The following is one letter that we would like to share with you.)  
To Editor Pack Rats "Cheese Bits"  
Congratulations on your article "LET GEORGE DO IT." It hits the nail on the (Next page)

head. The whole ugly mess from the Garbled electronic field to the dirtiest of rockets, got that way because most everyone decided to let "Gebra do it". The loudest condemnation of what others failed to do, are the ones that hid under the bed when the going was toughest. The radio ham has been a political football since he entered the Amateur ranks, in the early 1900's. With his home made equipment, he so far outclassed Commercial and government equipment, in simplicity of design and of superior operation, (and in most cases the amateur had neither college nor high school education) that through jealousy, etc. he was segregated to the 200 meter band, and a short time thereafter, to a H.F. band. These mistakes by the powers that were, really made the Amateurs boil, and they banded together in clubs such as the "A.R.R.L." etc. They studied, they designed and they put into operation, radio equipment that was surpassed by none, and they have continued to hold the lead, even up to the present day.

Name any major Radio Electronic Equipment used today and I'll bet my last dollar that you will find a Radio Ham's hand in its design.

World War I proved that the American Radio Amateur had made his place in the world, for without him the U.S. Naval Service would have been in a hell of a mess. I know for I was Chief Radio aboard a destroyer based overseas, and had ten operators in my charge, three of them were dyed in the wool hams, before entering the service. Everyone who was there at the time knows that all available parts were taken off all ships, and there were numerous times at sea when Radio Equipment failed, and emergency repairs had to be made in a hurry, and the only men capable of making these repairs were, you guessed it, my three Hams, God Bless 'em. Many lives were probably saved because of the ability of these men to function under undue stress. The others were excellent operators but were lost when it came to complicated repairs.

Roy E. Parcell  
387 Huntmere Drive,  
Bay Village, Ohio 44140  
(AREA member no. 60)

\*\*\*\*\*  
EAST COAST VHF SOCIETY'S 5th ANNUAL  
HAMFEST AND OLD STYLE PICNIC!!!  
SUNDAY, AUGUST 4, 1963

SADDLE BROOK PARK, SADDLE BROOK, N.J.  
FREE PARKING AND REGISTRATION!!  
FOOD AND SOFT DRINKS WILL BE AVAILABLE  
SIGNS AND RADIO TALK-IN WILL PROVIDE  
ASSISTANCE IN LOCATION THE PARK.  
CALL: WA2WEB.  
SEE YOU AT SADDLE BROOK!

FROM "AUTO CALL", W3NL, "Andy" Anderson Editor.

(Ed. note: This has nothing to do with ham radio, but it does apply to the ham and his family. Don't leave us, stay with us!)

"HOW FAST CAN YOU DIE"

Have you ever wondered what happens when a car traveling at 55 miles per hour crashes into a solid, immovable object?

1/10 of a second;  
The front bumper and chrome "framing" on the grill work collapses. Slivers of steel penetrate the tree to a depth of 1 1/2".

1/5 of a second;  
The hood rises, crumples, smashes into the windshield. Spinning rear wheels leave the ground. The fenders come into contact with the tree, forcing the rear parts out over the front doors. The driver's body continues to move forward at the vehicles original speed. (20 times the normal force of gravity) His body weighs 3200 pounds His legs, ramrod straight, snap at the knee joints.

2/10 of a second;  
The driver's body is now off the seat, torso upright, broken knees pressed against the dashboard. The plastic and steel frame of the steering wheel begins to bend under the terrible death grip. His head is now near the sun visor, his chest above the steering column.

2/5 of a second;  
The car's front 24 inches have been demolished, but the rear end is still traveling forward at about 35 miles per hour. The driver's body is still traveling 55 miles per hour. The half ton motor block crunches into the tree.

1/2 of a second;  
The driver's feet frozen hands bend the steering column into an almost vertical position. The force of gravity impales him on the steering shaft. Jagged steel punctures his lung and intercostal arteries. Blood spurts into his lungs.

3/5 of a second;  
The driver's feet are ripped from his tightly laced shoes. The brake pedal shears off at the floor boards. The chassis bends in the middle, shearing body bolts. The driver's head smashes into the windshield. The rear of the car begins its downward fall, spinning wheels dig into the ground.

7/10 of a second;  
The entire, writhing body of the car is forced out of shape. Hinges tear, doors spring open. In one last convulsion, the seat rams forward, pinning the driver against the cruel steel of the steering shaft. Blood spurts from his mouth, shock has now frozen his heart. He is now dead.  
Elapsed time - 7/10 of a second.  
GRUESOME TALE, ISN'T IT?

SUSQUEHANNA VALLEY HAMFEST, ROLLING

GREEN PARK, HUMMELS WHARF, PA.

SUNDAY, AUGUST 4, 1963

REGISTRATION: \$3.50 per person (meals included) or \$2.00 per person (Bring your own food)

NO REGISTRATIONS WITH MEAL AT THE DOOR!

REGISTRATION AT DOOR (without meal) \$2.25 per person.

Registrations will be accepted until July 27, 1963.

ORDER YOUR TICKETS FROM: K3JSX, DAVE ZWIER, 157 Chestnut St., Sunbury, Pa. Make checks or money orders payable to "SVARO"

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NEW BOOK ANNOUNCEMENT

"ABC'S OF ELECTRONIC TEST EQUIPMENT" is a must for anyone planning to work with electronics equipment. Author, Donald Smith has written the text in everyday language.

Available from electronic parts distributors and bookstores throughout the country, or from Howard W. Sams & Co. Inc., 4300 W. 62nd St., Indianapolis, 6, Indiana.

Catalog No. STE-1  
Size: 96 pages, 5 1/2 x 8 1/2"  
Price: \$1.95

AMATEUR RADIO CONSTRUCTION PROJECTS, by Charles Coringella (W6NJV), is a book for every amateur, whether he wants to build all his equipment, or just a unit or two to supplement what he already owns.

Available from electronics parts distributors and bookstores throughout the country, or from Howard Sams, Co., Inc., 4300 W. 62nd St., Indianapolis, 6, Indiana.

Catalog No. ARP-1  
Size: 136 pages, 5 1/2 x 8 1/2"  
Price: \$2.50

(We have samples of these books in our possession for inspection of any interested parties)

We also have in our possession: "QST - A CUMULATIVE INDEX - COVERING THE YEARS 1950-1962"

This is a list of articles which has appeared in QST for the last 12 years, and tells you just which copy has the information you wish to review.

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NAVY EXHIBIT AT 17th ANNUAL AFCEA NATIONAL CONVENTION

The U.S. Navy's exhibit for the 17th AFCEA (Armed Forces Communications and Electronics Association) was an operational amateur radio station. The Navy's Washington, D.C. voice into the amateur radio world, K4NAM, operated fixed portable from the lobby of the Sheraton-Park Hotel. Operations were conducted for approximately eighteen

hours each day of the convention. Volunteer licensed operators from the Army, Navy Air Force and Marine Corps were on hand to assist the delegates and to keep the circuits alive. Most of the over 5000 delegates who registered for the convention visited the booth, and a full time photographer was on hand to document the presence of association officials and high ranking military and civilian visitors.

The "HAM" station itself had four operating positions for voice, CW and RTTY operations. Contacts were established on all bands 2,6,10, 20,40 and 80 meters. Five antennas were located on the hotel roof. An all band vertical, a triband beam, a 6 and 2 meter beam, a 40 meter doublet and a long wire listening antenna were available for any of the positions.

Amateur operations were enhanced by relatively good circuit conditions which existed throughout the convention. There were 382 contacts established and the DX stations included amateurs in Canada; Germany, Honduras, Dominican Republic, Puerto Rico, Greenland, Ecuador, Venezuela, Austria, Canal Zone, El Salvador, Peru, Bolivia, Mexico; Nigeria; Cuba; Costa Rica, England, Okinawa, Japan and Algeria. The Inter-Continental Amateur Network (ICAN) was handled each morning from the exhibit booth.

The location of the station and the continuous availability of amateur operators made the station the focal point for the convention delegates.

The U.S. Navy is proud of its long association with AFCEA and the Amateur Radio Fraternity. The exhibit offered tangible evidence that the U.S. Navy is still active in its encouragement and support of these outstanding organizations.

The convention was held on June 4,5,6, 1963

R.E. Mickley, LCDR, USN  
Assistant Chief, Navy  
MARS.

\*\*\*\*\*

(Ed. note: We also have a communique from LCDR Mickley with the list of Certificate winners for the Armed Forces Day Communications Test. This we will save for next month. We did notice that two of the Pack Rats were listed, W3ELI, "Van" and W2EIF, Jo.)

\*\*\*\*\*

To Andy Clark, Editor of "Florida Skip".

Yes, Andy, your radiograms do get to me, and if they can't reach me by land-line, I always call them to confirm receipt of the message.

Thanks for the picture of the Jr. Ops. they are the cutest.

I have forwarded your message to K3LOM, Harry.

In a note from Grandma Lou, W0CCD, she says that the original Slave Drivers Certificate, from Omaha, Neb. has been adopted by the Wk-Sar-Ben Radio Club and is now called the "Nebraska VHF Slave Certificate". She will let me know if or when it is accepted for the Certificate Directory of K6BX, Cliff Evans.

\*\*\*\*\*

ZIP CODE NUMBERS

We have the code numbers of nearly all the members. The only ones we still need are: K3IUZ, John Hannes; W2EIF, Jo Kilgore; W3HKZ, Ed Kushner; K3AFT, Joe Mortimer; W3FTU, Tom Nichols; W3KLL, Walt Cleary and K3GAY, Don Lauer.

OK, boys, how about sending them to me? PLEASE!

\*\*\*\*\*

DEATH OF AN ORGANIZATION

We are sorry to report that the Delaware Valley Council of Amateur Radio Clubs is slowly but surely dying due to lack of active interest by a number of the member clubs.

We hate to see this happen, as this is the second one to fold-up in this area.

The Phila. County AREC has started negotiations to handle the communications for the Boy Scout Jamboree to be held in Valley Forge, Pa. in 1964, so the Council need not have a guilty conscience regarding this affair.

We received the above information from a very reliable source, W3AYG, John Harris, President of the Council.

ALSO TEMPORARILY BEING DISBANDED IS

PHILA. RACES

This information we also have on good authority, W3PST, Elwood Waldeman, the Chairman of Phila. RACES. He is in hopes that it will start-up again after December. The Phila. County AREC is happy that "Woody" is a member for we can gain much knowledge from his experience as the head of a disaster group.

\*\*\*\*\*

4th INTERNATIONAL YLRL CONVENTION

JUNE 19, 20, 21, 1964

(No, we are not late with this announcement, take another look at the dates.)

NATIONWIDE INN

4101 W. BROAD STREET

COLUMBUS, 4, OHIO

SPONSORED BY

THE BUCKEYE BELLES

A bedspread, made up of YL Club Emblems hand embroidered, will be one of the prizes. The Buckeye Belles will supply the material, you do the embroidery. (Wonder how they would like one from the Pack Rats, an all male club?) How about the gals from the Penn-Jersey YL Club submitting a square?

Prize tickets come in books of 6 for \$5.00, or one dollar if sold singly, and the YL Club may keep the extra dollar for its treasury.

1st Prize-----DRAKE TR-3

Transceiver

2nd Prize-----CLEGG THOR 6

Transceiver

3rd Prize-----P & H LINEAR

4th Prize\*-----HALLICRAFTER

T.O. KEYER

5th Prize-----WATERS HYBRID

COUPLER

For further information contact;  
K8MZT, SHIRLEY REX, Chairman  
2225 Mt. Vernon Blvd, N.W.  
Canton, 9, Ohio

We will keep our YL Readers informed as to the progress.

\*\*\*\*\*

Just received the word that Barney Stone, one of the boys that W3FSC, Ossie gave the test to received his call. It is KN3ZBX.

Aside to Ossie: Barney has built his own Transmitter and Receiver.

\*\*\*\*\*

K3GOZ, Herm Klein is in the Misericordia Hospital, Room 506, 54th Street and Cedar Avenue, Phila., Pa. 19143, undergoing surgery. Drop him a card and listen for him on the air as he has a rig in the room. Come home soon, Herm.

K3LEA, John Frank, our new Rat is the proud father of an 8 ob, 11 oz. boy born on Sunday, July 21. Congratulations to John and his XYL.

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!!!! BLOOD EMERGENCY !!!!!

40 pints of blood are needed for an open heart surgery to be performed in September for Mr. Ed. A. Heisler  
58 Pumpkin Hill Road,  
Levittown, Pa. 19052

The blood must be on hand in the hospital waiting for him.

The blood is to be donated to the University of Pennsylvania Hospital, 34th and Spruce Streets, Phila., Pa. Use the Spruce Street entrance.

Donations are accepted;

MONDAY - FRIDAY 11 A.M. - 6:00

P.M.

SATURDAY - 11 A.M. - 3 P.M. by appointment

SUNDAY- 12 noon to 3 P.M.

All Donors are requested to contact;  
K3EGP, Ralph Blakemore - DR. 3-0016  
(Daytime)

W3SAQ, Frank Brick - DA. 4-7524 (night)

When donating your blood, please be sure to state that the blood is for, MR. ED A. HEISLER.

!!!! BLOOD EMERGENCY !!!!!



MEETING NOTICES

AUGUST 7

PHILA., COUNTY AREC

The regular monthly meeting of the Phila. County AREC will be held on Wednesday, August 7, at 8:00 P.M. at Town Hall, Germantown Ave., and Haines Street.

AUGUST 14

DIRECTORS MEETING

The Directors Meeting will be held at the QTH of W3HKZ, Ed Kushner, 2212 Oakwyn Road, Lafayette Hill, Pa. on Wednesday, August 14, at 8:00 P.M.

We would like to give you directions to Ed's QTH, but unfortunately we do not have them. We can only tell you to call him at; 215-825-0775. We repeat; for directions to Ed's QTH, call him on the landline!

AUGUST 21

GENERAL MEETING

The General Meeting of the Club will be held at the QTH of W3KKN, Ernest Konas, 2823 Old Welsh Road, Willow Grove, Pa. on Wednesday, August 21 at 8:00 P.M.

WHITE ELEPHANT SALE!

WHITE ELEPHANT SALE!

Directions to Ernie's QTH: Using the Turnpike; Get off at the Willow Grove Exchange, take route 611 South to Old Welsh Road, turn right. The landmark is the Clown Entrance to Willow Grove Park. Coming North on Easton Road, turn left at the Clown Entrance.

Coming North on York Road, turn left at St. Ann's Episcopal Church. Coming South on York Road, turn right at St. Ann's.

If you do not use either the Turnpike, Route 611 or Old York Road, please call Ernie on the Landline at 215-OL. 9-3485.

WHITE ELEPHANT SALE!

WHITE ELEPHANT SALE!

EQUIPMENT MUST BE USABLE!!!!

\*\*\*\*\*

FOR YOUR MEMBERSHIP BOOK

RETIRED MEMBER

CHANGE OF ADDRESS

K3IFH, EDWARD (ED) GUSCIN, XYL, MARY  
7121 Glenloch Street,  
Phila., Pa. 19135  
215- DE. 8-1231

K3DUW, ALAN GOODMAN  
209 E. Willow Grove Avenue,  
Phila., Pa. 19118  
215- CH. 7-0750

NEW MEMBERS

W3ELI, GEORGE (VAN) VAN DYKE, JR., XYL,  
4607 Convent Lane HELENE  
Phila., Pa. 19114  
215- NE. 7-8329

W3ZEY, RUSSELL (RUSS) WIDGER, XYL  
218 Laurel Road, JOAN  
Sharon Hill, Pa. 19079  
215- LU. 3-6490

K3LEA, JOHN FRANK, XYL, MARTIE?  
188 Willow Drive  
Warminster, Pa. 18974  
215- DS. 5-4762

K3BGT/2, HARVEY ROSEN, XYL, VICKIE  
58 S. Bath Avenue;  
Long Branch, N.J., 07740  
201- CA. 9-0235

\*\*\*\*\*

A SPECIAL REQUEST TO THE MEMBERSHIP CHAIRMAN

When presenting me with the names of the new members, PLEASE include all information. That question mark after the XYL of K3LEA is NOT A TYPOGRAPHICAL ERROR. It is there because the card he sent me with his ZIP Code number was signed, "By Martie". This could stand for "Martha", his XYL, or for "Martin" his JR. OP. I have no way of knowing unless I get all of the information on the application.

For example, I received absolutely no information regarding W3ELI. Were it not for the fact that he is EC for Phila., I would have had no information for the Membership Book. O.K.? THANKS!

\*\*\*\*\*

AMATEUR RADIO EDITORS' ASSOCIATION



"PACK RATS CHEESE BITS"  
 829 W. FISHERS AVE.  
 PHILA. 2, PA. 19141



JUL 27 1963

*T...*  
*Sup...*

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

MEETING NOTICE