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AMATEUR CLUB



AMATEUR RADIO
STATION K6YOT

VOL. XVII

1974

PAARA GRAPHS

PALO ALTO AMATEUR RADIO ASSOCIATION, INC.

MENLO PARK CIVIL DEFENSE RADIO CLUB, K6YOT

July 74

PAARAGRAPHS -- THE OFFICIAL ORGAN of the Palo Alto Amateur
Radio Assoc., and the Menlo Park CD Radio Club.

Volume 18 No. 7 July 1974

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V. Pres. Mike Eccles G3PPE/W6
Sect'y Hal Moore W6DEF
Treas Paul Churchill W6QBY
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POLICIES: membership includes subscription to PAARAGRAPHS
Annual dues are the mere piitance of \$4.00.
Subscription to PAARAGRAPHS is only one buck.
When we find you delinquent in payment, you may find
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Kindly make you dues on a calendar year basis,
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SEND ALL YOUR MONEY NOW TO:

PAARA Box 911 Menlo Park California 94025

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BECOME one of the elite!! Send me something and get your
name plastered all over the printed page!! Rick Ferranti
WA6NCX, 1234 Santa Cruz Ave. Menlo Park, 94025 324-1539

PAARA PICKIN'S ---- NEWS, ANNOUNCEMENTS, OTHER GOOD STUFF

OUR NEXT MEETING is on Friday, July 12, 1974. Notice this is a week after our usual first friday of the month meeting because of the July 4 holiday. So there's NO EXCUSE not to come! Meeting commences at 7:30 PM sharp, and is held at the good old Menlo Park Recreation Center, near the Police Dept and Library, for your greater convenience.

PROGRAM: LARRY REED, W6CTH presents a cineramic slide show of his latest trip to Russia, Poland, East and West Germany, Norway, Sweden, Denmark, Finland, and England. Some are stereoscopic 35 mm slides taken with two cameras, to be projected with two projectors. Bring your YL or XYL, or both -- or a spare!

This is also a good time to have a crying session about Field Day (remember Andy was with us this time...) esp. since San Carlos will be there.

COFFEE *** TEA *** COOKIES *** EYEBALL QSO'S *** RAFFLE
EVERYBODY WELCOME !!!!!!!

THE Board of Directors will meet on Wednesday, July 17, at 7:30 PM in the Ancient Greek Trailer located in the SRI parking lot, 333 Ravenswood Drive in Menlo Park. Don't be afraid of the guard -- they're nice guys if you tell him you're headed toward the W6OTX trailer. Come and discuss your troubles.

AREN'T MONDAYS THE ABSOLUTE WORST DAY OF THE WEEK????

Now you can Cheer Up and look Forward to them!!! Yes, the PAARA net meets every Monday Nite at 8:15 PM on 145.24 mHz. We need you to contribute to the 100% ragchewed quality of the conversation. Extract yourself from the Monday nite Moodies and BE THERE.

W6Z RJ broadcasts bulletins on the first and third Tuesdays of every month. They are: 7:30 PM on 3590 and 7090 kHz CW; 8:30 PM 3815 kHz SSB; 9:00 PM on 3615 kHz RTTY.

4

MORE_PAARA_PICKIN'S AND NEWS,GONK FOR SALE, ETC. - - -

FOR SALE: Halicrafters SX-111 SSB receiver. 80-10 meters ham band only, huge bandspread, selectivity selectable from 5 kHz to .5kHz, notch filter, selectable upper or lower sideband, agc and product detector, rock stable. With calibrator and 10 mHz WWV band. Sensitive right up to and including 10 meters -- less than $\frac{1}{2}$ microvolt. Immaculate shape, no modifications, with speaker and manual -- \$95.00 firm. Will deliver within reasonable distances. Call 415-324-1539 or write Rick Ferranti WA6NCX, 1234 Santa Cruz Avenue, Menlo Park, Ca 94025

FOR SALE: VIKING Ranger (Fair Only) with manual and extra 6146. \$35.00 or ????
Globe Scout Deluxe SD 75 A. Near mint condition with manual. \$40.00. (ideal novice rig)
External VFO not part of this setup.
Call Don Seymour at 342-3398, or write him at 1428
laguna Avenue, Burlingame, Cal. 94010

WANTED: Crystals for 40 meter band between 7105-7145 kHz
Call John Gomperts 365-1410 or 324-0229. WN6ATL

Wanted: HUSTLER Mobile antenna with kilowatt coils for 40 and 20 meters. Jerry Tucker WA6LNW
Call him eves 326-4908 or days 961-3266.

WANTED: Used or new 50 foot, crank-up self-supporting tower.
Jerry Starkey WA6LIJ. Call 964-6584 or write
736 Filip Road, Los Altos, ca. 94022

Y
ANTONE not actively using one of the club's 8068 xtals for the 145.24 mHz Paara Net please return it to Box 911 or give it to Fred Canham K6YT at the next meeting. Tnx.

Congratulations to Hal Moore W6DEF for becoming a grandpappy of late. His "second harmonic" (??) is a bouncing baby boy, Joby Sousa of Auburn, Cal. Make a CW op out of him!

REPORT OF THE BOARD OF DIRECTORS MEETING ON JUNE 12, 1974

Present were Terry Conboy, WB6GRZ, Andrew Korsak, VE3KZK/W6, Fred Canham, K6YT, Mike Eccles, G3PPE/W6, Bob Baum, W6BFH, Paul Churchill, W6QBY, and Hal Moore, W6DEF.

Meeting Called to order at 1945 local time. The minutes of the last board meeting were read, and also our correspondence. Discussion: Where the heck did the club's SWR bridge disappear to??? (FLASH!! It must have materialized out of thin air since it was found in time to use on Field Day -- tnx for bringing it back -- whoever had it!!!).

Discussion by Fred: Poer supply for field day and how to coodinated the hook-ups. Also -- antennas for field day were discussed. Gotham never sent our twenty meter beam -- we have to use a dipole -- and we ordered it 7 weeks ago!!!

We are going to try to get the bonus points from the new rule which stipulates a contact by natural power -- like a bike generator or a waterfall. See the dope on Field day later in this issue to see how we did it.

Our next meeting is on July 12, at which time our beloved president will be out of town. Mike, our president when Fred is gone, will take over.

It was suggested that we have signs to identify ourselves to the public. Mike volunteered for the task, and will try to get one the size that will fit a car window. Motion made an passed that he be authorized to spend up to \$25.00 of our precious funds for same. See the list later in this issue of members who are paid in full -- we estimate about 60.

New members are Steve Stuntz, K6FS of Menlo Park
Robert Deliban ex-W6FGL of Menlo Park.

73, Hal Moore, W6DEF.

*****-----***** Secretary.

Our own Pacific Division Director Doc Gmelin, W6ZRJ, is on the Board of Directors of the newly formed ARRL Foundation. May QST page 93 gives more dope.

GET WITH IT WITH PAARA!!!!!

Open your eyes -- this page is about MONEY:

PAARA FINANCIAL REPORT AS OF JUNE 15, 1974

Last Report March 11, 1974

Funds Available then:

Savings account:	\$1008.80
Checking account:	388.61
Petty Cash:	11.75
	<u>\$1409.16</u>

INCOME	Dues	\$52.00
	PAARAGRAPHS sub.	1.00 (wow)
	Raffle Sales	44.85
	Interest on acc'nt	25.09
		<u>\$122.94</u>

DISBURSEMENTS	FCC license W6OTX	\$25.00
	Raffle Prizes	22.26
	Refreshments	11.45
	Postmaster	20.00
	Supplies	7.98
	Generator repair	<u>32.22</u>
		<u>\$118.91</u>

net gain \$4.03

FUNDS AVAILABLE 7-15-74	\$1413.19
Checking account	338.20
Savings account	1033.89
Petty Cash	22.60
Accounts receivable	<u>18.50</u>
	<u>\$1413.19</u>

-----Paul K. Churchill W6QBY

LOOKY HERE Is your call listed below??? (they are in alphabetical order). If it isn't then you are in the tragic situation of not being paid up (in dues) in PAARA. Expedient means should be taken to rectify this.(i.e.loot)

W6AIN, W6AKR, K6AL, WN6ATL, W6BFH, WN6BQY, WN6CRN, W6CUN,
 W6DEF, WA6DVI, K6EER, K6EHS, W6EM, WA6EQA, WA6EQH, ex W6FGL,
 W6FLE, K6FS, VE3FZK/W6, K6GDH, W6GNX, WB6GRZ, K6GT, WA6GVP,
 W6HHN, W6HKX, WB2HOI, W6ISQ, WB6JFH, WA6JVQ, WA6LIJ, WA6LNV,
 WB6LVP, WB6LYD, W6MFN, WB6NAT, WA6NCX, WN6NGY, W6NIR, WA6NLJ,
 K6OL, WB6000, WA6OPA, K6OYN, G3PPE/W6, WA6PSA, W6QBY, K6RB,
 WN6TEW, K6TV, WA6UIM, WA6UMH/6, W6UOK, W6VYC, WA6VZZ, W6WMC,
 WA6YOQ, K6YT, M. Majster, Walt Harper, and James Bella.

TWO REPLIES (ONE QUITE INCREDIBLE ONE) TO THE FAMOUS FM LETTER
OF JERRY STARKEY WA6LIJ, APPEARING TWO ISSUES AGO.

LEE Zalaznik, former editor of PAARAGRAPHS, sent me the following, about himself and about the (in)famous letter:

AS being one of the older members who has disappeared from the scene in Palo Alto I thought I would write and tell a little about what happened. I bought a home in Livermore in October of 1973. It is a two bedroom house. And now I have room to set up a really fine antenna farm. At present I have a HW-100 on 40 meters with an inverted Vee, but hope to have a multiband dipole up soon. For two meter AM I have a Communicator IV working into a 3 element beam up about 10 feet. I hear just about everybody on our Monday nite net on 145.24 mHz.

I would like to make a reply to Jerry WA6LIJ'S letter: The main reason for not going to 2 meter FM is that there is so much good AM gear left in the world that is not being used and it is dirt cheap to buy and much easier to repair. 73, Lee Zalaznik, WB6BJB.

Thanks for writing,,Lee. And now for the "quite incredible" letter. It is anonymous, as you will see, and there was no discernable postmark on the letter. A fistfull of Gonk from WA6NCX's amazing junkbox goes to the person who identifies the author!!! Read on....

PAARAGRAPHS EDITOR SIR:

This hippy fell in love with a girl from the Establishment. Remote, beautiful, virtuous and straight, straight, straight, she was. He dared not approach her until he changed his whole life-style. Off came the beard, the hair, the tattered clothes; on came baths, completion of college, a job in a bank. A clean cut swain and an old-fashioned courtship. She married him in a church with 10 bridesmaids and all the trappings. Then it happened... the third day of the honeymoon she levelled with our poor ex-hippy: old fashioned marriage con't next page....

is for the birds -- I only went through it to escape from mother -- monogamy is monotony -- let's set up shared housekeeping with the nearest commune.

I'm that poor hippy. Lived like a stray dog on the CB band for three miserable years. Then I eavesdropped one Monday on your PAARA net. Changed my life. Yearned to be better. Studied the code. Traded my 11 meter rig for a 2 meter Gooney Bird. Worked on the theory. Gave up my evil CB ways; took voice lessons; dropped my nasal twang and the staccato epithets born of shotgun transmissions. The calluses on my thumb (from 15 second pulses on the CB ptt switch) have melted away. Got my ham license last week. The courtship is over, I've straightened out and I'm ready (I thought) for the PAARA 2 meter AM net.

Mr. Editor, the world turned to ashes when No. 5, Vol 18 of PAARAGRAPHS arrived. Even the mailman (an SWL and mail snooper of long standing) had a sad, ashen look: pages 6 and 7 will crush you, he said....

You have won, Jerry Starkey, you have won. From 11 meter CB to 2 meter FM is a frequency distinction without an operating difference. But return to my evil CB ways I will not; today I burned my proud new license after first setting the match to my PAARA application -- and No. 5, Volume 18, including pages 6 and 7. You can have your communal pad of bang-bang FM transmissions on 146-148, Mr. Starkey. Be happy in operating decadence, WA6LIJ. You have forced me to a more respectable activity. Traded my Gooney Bird for an AM 2 megger, and you can nightly hear me bootlegging with Rick's relatives on the fish-boat band. True, it's not what might have been, but it's infinitely better than where you all are headed.

Sadly,

B.S. *(once a prospective
PAARA)

* Before Starkey

Editor's note: The above letter is obviously a jab at the ethnic background of yours truly, however, the 2 mHz marine band is populated with none of my extant relations, either in-laws or outlaws!!

PAARA'S WINNING 1974 FIELD DAY ***** A PRELIMINARY REPORT!!!

Field Day this year was as exciting as they come, with fires, near-disasters, hand-crank power, VHF, CW and SSB. Here's a list of all the people who were there and can attest to the crazy, typical ARRL field day it was, and tell you how much fun they had while there. Point scores next issue. If I missed your name, let me know and it'll be here next time.

Terry WB6GRZ	Ed W6AIN	Dick W6AQL
Dave WB6JFA	Rick WA6NCX	Walt Harper
Andy VE3FZK/W6	Rob WN6TYS	Dave Waters
Hal W6DEF	Fred K6YT	Anita Enander
Les W6AKR	(AREC members)	
John WN6ATL	Karl Lindt WB6TJO	Paul Thekan
Bob W6BFH	John Cameron	Jerry W6NIR
Paul W6QBY	Mike Walcott WA6JHT	Mel WAØUMH/6
Jerry WA6LIJ	Stephanie Decourey	Tim Guay WA6KQY
		Lee Zalaznik
		WB6BJB
		Steve Stuntz K6FS

A review of what happened, besides lotsa QSO's, garnered mostly from Andy VE3FZK/W6:

- Andy decided that he would keep the novices company so he brought his camper up there to spend Friday nite. Soon the YL and 3 kids joined him. He said that there was so much local QRM he couldn't sleep!
- The Oscar attempt was typical for the top VHF man in the club -- good old Andy. He was totally unprepared and such quick thinking got him the expected disasterous results -- NO QSO!!! Reasons???

- 1) Andy's surplus key and fantastically well-made connections yielded zero keying in the Gonset Sidewinder. "Solder??--we don't need that -- it's Field Day!!" Famous last words....
- 2) The B+ on the linear amplifier was left on all the time, yielding two very flat 4-65 tubes.
- 3) Our resident mathematician, equipped with HP-35, made a 5 to 10 minute miscalculation on the orbit pass, hence we we that much later in catching the flyby. Should we change Murphy's name to Andy????

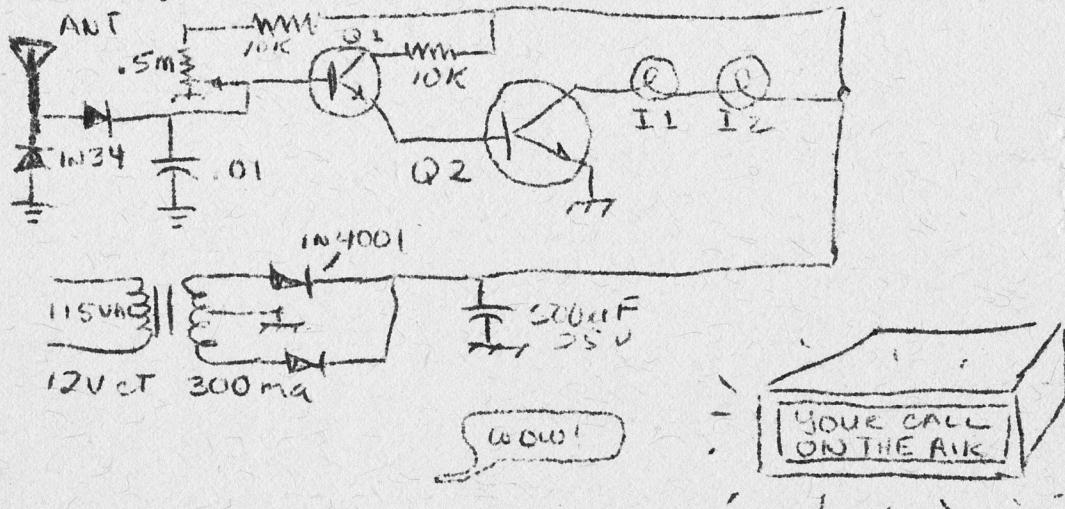
MORE FIELD DAY NEWS

- Andy's electric barbeque was running (we had 5 kw, he informed me) but the 2 meter rig was strangely quiet. A line voltage check yielded 95 volts on the radio!
- The ATV station worked great for a series of 3 one-way contacts -- very good, considering the vaccuum-cleaner powered monstrosity rolled merrily down the hill at Andy's QTH when he was loading the beast into his truck. Thank god for well-built military surplus!
- WN6ATL, John Gomperts, had his tent supporting the racy test patterns Andy was transmitting. Unfortunately, John had a rather difficult time explaining the custom (with Andy in the background doing all he can to keep from dying with laughter) to his XYL!!!
- The ATV setup was even more unbelievable considering the antenna was held by hand by a poor soul standing on top of a ladder. I've heard of "armstrong rotators" but this is a bit much...
- An extended 5 element 6-meter beam and a 16 element J-beam nearly met their end when eight people somehow pulled in 16 different ways while taking the beast down. Six inches more and we would have had a very artistic pile of bent tubing.
- Andy came through with flying colours when his hand-cranked generator yielded about 20 contacts on 2 meter FM. Despite the fact that the filter was clip-leaded together and the antenna was a little whip stuck on top of the well-destroyed linear, our man-power lasted quite a while. Ye editor abstained from such strenuous activity, confining himself to twisting the knob on the Swan 350 for 20 meters.
- By far the most exciting thing that happened was the fire by the site. At 11:45 PM Saturday nite, Andy comes running up to our tent like a bat out of the CB band, yelling "Fire, fire, get out of the tent, there's a fire -- call the fire department!" I emerged, envisioning flaming trees crashing down around me, holding my breath so as not to die from smoke inhalation. What it turned out to be was a 10 square foot fire 100 yards down the hill which someone already kicked out. (he could have spit on it to put it out). "You can't be too careful here," he said. Go back to your camper, Andy!

RF ACTUATED ON THE AIR SIGN

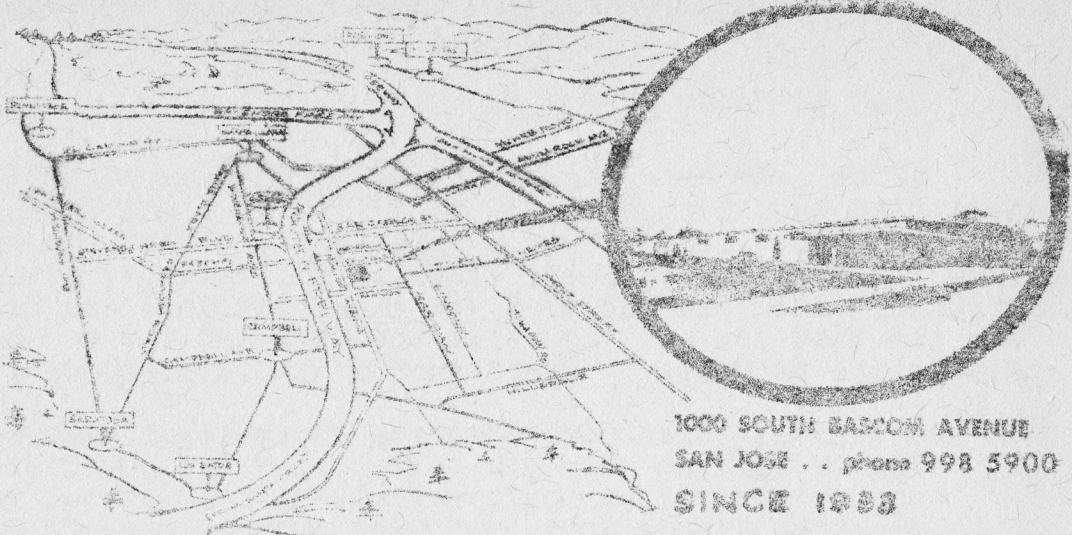
After searching high and low for the year's 100% certified most useless circuit, I finally found it in Ham Hum, who gliched it from Grid Leak, ultimately authored from (or by) Bob Schriner, WAØUZO. This amazing device actually tells you (a) that you (and only you) are blabbing and (b) that you call is still the same, and (c) you have lotsa time to waste to build such a cutesy piece of gonk.

Do you lose sleep at nite when you worry about whether your rig is working when you talk to it? Do you distrust microphone ptt buttons, relays, meters, signal reports, or other shoddy devices?? Rest assured now, for once you hook up this incredible device -- your fears are allayed -- for it Tells you, in 100% plain English, that you are indeed ON THE AIR. Wow!!!

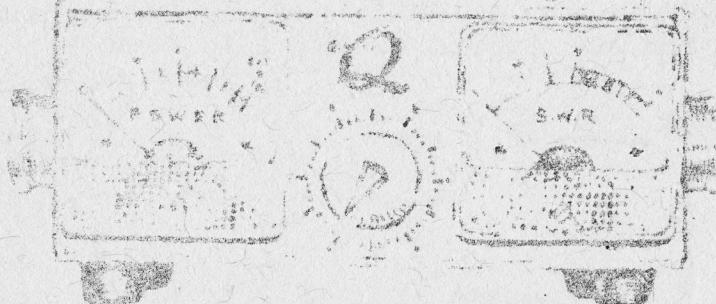


Q1 - any small NPN xstr Q2 any small 1 watt NPN xstr.
 I1 and I2 are any small 12V lamp. Set the pot so the lamps just go out and RF will excite them. I certainly hope it excites SOMEBODY!!!

-NCX



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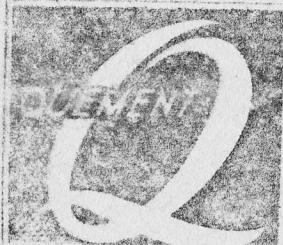
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