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vol. 21
1977

PAARA

GRAPHS



palo alto
AMATEUR
RADIO ASSN.

MENLO PARK C.D. RADIO CLUB, K6YQT

AUGUST 1977

VOLUME 21 NUMBER 8

PAARGraphs is the official organ of the PALO ALTO AMATEUR RADIO
ASSOCIATION AND THE MENLO PARK CIVIL DEFENSE RADIO CLUB.

† †

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PAARA POLICIES

MEMBERSHIP in PAARA is a mere \$4 for a calendar year, which includes the receipt of this esteemed rag. Subscriptions alone may be obtained for a below-cost \$1. Send your hard-earned clams to:

PAARA P.O. Box 911 Menlo Park, CA 94025

PARAGraphs STAFF

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MAILING	W6AIN	ED FAIRBANKS	
EAST COAST CORRESPONDENT	WA6NCX	RICK FERRANTI	
COVER ARTIST	LOVELY	SUE LINDNER	

THE AUGUST MEETING OF PAARA will feature Mr. S. Marti-Volkoff, the new Engineer-in-Charge from the San Francisco office of the FCC. He will fill us in on all of the latest workings from the FCC and will be able to answer all of your questions regarding the Commission and its interaction with Amateurs. A meeting you won't want to miss.

Time is 7:30 PM at the Menlo Recreation Center on Friday, August 5th

In addition, the unique PAARA raffle will be perpetrated, and a vast array of junk food items for gourmet's delight. And the usual group of fine fellows will be in residence as well.

THE INEVITABLE BOARD OF DIRECTORS MEETING will follow on the subsequent Wednesday at 7:30 in the amazing PAARA trailer, now being held together by magnetohydrodynamics. Be there on the 10th of August.

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THE PAARA NETS ARE STILL HOLDING FORTH ON THE FOLLOWING FREQUENCIES:

145.24 MHz Monday night at 8:15 on wonderful AM

147.45 MHz Monday night at 8:30 on fabulous FM.

21.393 MHz or 14.245 MHz Saturday mornings at 9:00 on slick SSB.

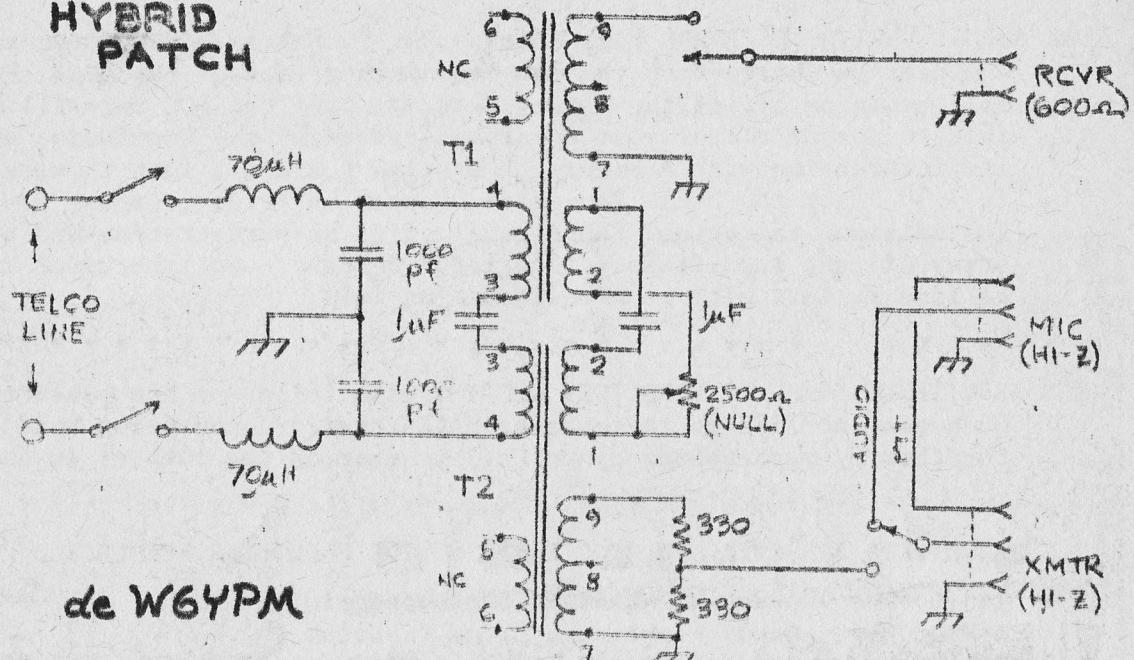
For more information about the study, please contact Dr. Michael J. Hwang at (310) 206-6500 or via email at [mhwang@ucla.edu](mailto:mhwang@ucla.edu).

PHONE PATCHING IS ALIVE AND WELL. On the following page, you will observe two schematics. These two different phone patches were once built by the illustrious W6YPM as a certified money making enterprise. The first circuit is for those of you who desire to be able to operate VOX. It provides isolation between the output of the receiver and the input to the transmitter, as adjusted by the null pot with a line and telephone connected.

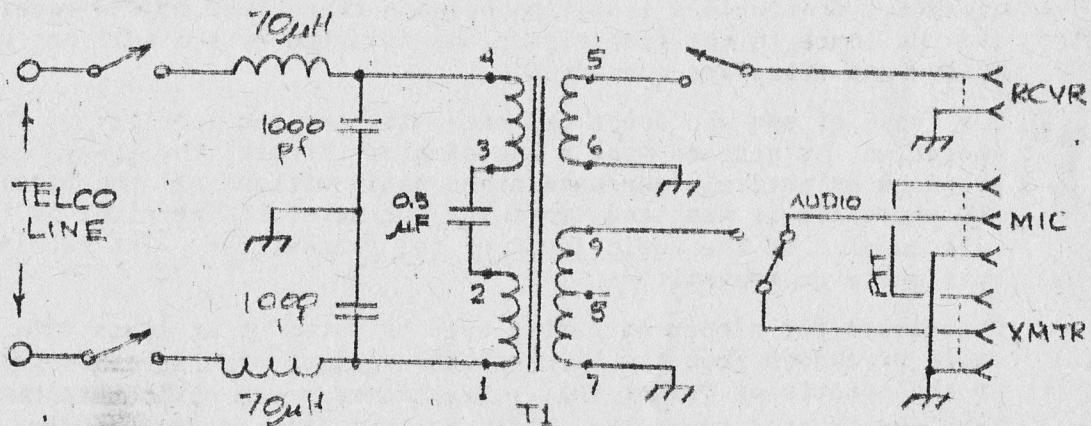
For those of you who doubt the necessity and the legality of VOX operation, or perhaps want a bit simpler circuit, the second circuit provides an entirely adequate phone patch without all the hassle. PTT operation is mandated since the output of the receiver is very well coupled to the audio input of the transmitter. The receiver must mute on transmit.

Capacitors for either circuit should be rated at at least 150v to avoid breakdown from the high voltage ringing signals perpetrated by the cohorts of Mother Bell. Transformers are still obtainable from our trusted treasurer, W6BFH for a paltry quarter dollar.

## HYBRID PATCH



## SIMPLE PATCH



# SHAVER RADIO.

DAVID SHAVER  
Owner

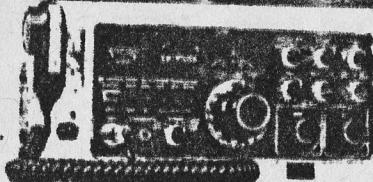
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PRICES

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ELSE  
BUT  
KENWOOD



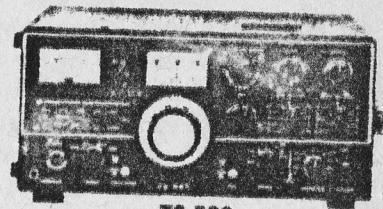
TS-700A



TR-7400A

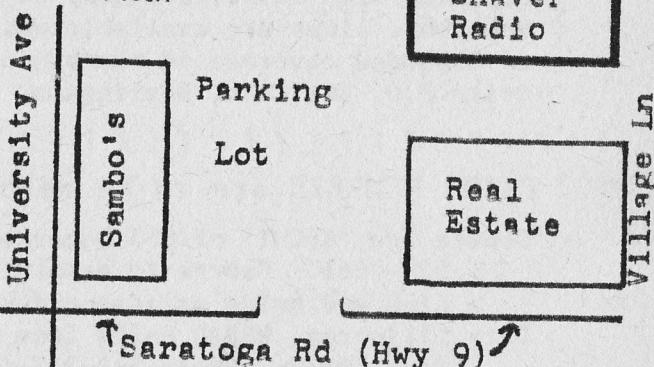


TS-820



TS-520

From San Jose take Hwy 17 towards Santa Cruz. Exit Hwy 9 off-ramp (after Lark Ave). Go 100 yards to University. Enter via parking lot off Hwy 9. Look for sign.



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**UNOFFICIAL RUNDOWN OF THE JULY BOARD OF DIRECTORS MEETING**

PRESENT: K6FS, W6AIN, W6YPM, W6BFH, WB6STW, W6NIR, WA6OFN, and WB6GRZ.

BUSINESS: Discussed possibility of moving the monthly meetings forward by one week to avoid the teenybopper acoustic QRM and to make all of the meetings fall on the second Friday of each month. Because of this consideration, the resignation of Bill Tallmon from the board was not accepted. Bill had tendered his resignation because conflicts prevented him from attending the B of D meetings.

The letter from H. Dannals on the Fifth notice of WARC preparations by the FCC. Decided that Steve will draft a letter to the FCC which will express our desire to see new amateur bands at 10 and 18 MHz; expansion of existing bands in an upward direction instead of downward; and the wish that amateur allocations in all three ITU regions be the same.

A report was given by Erv on the CCRC meeting of July 6th. Volunteers needed to help type the CCRC bulletin. A picnic is tentatively set for Sept 3rd on Angel Is. Help (volunteer) needed for the upcoming Hamfest being run by the San Mateo club...call 726-5028. Foothills ARS reports about 6K points on field day. Fred Barry, K6RTU, announced his intention to run for Pacific Division Director.

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The SAN MATEO AUTOPATCH REPEATER TEAM now operates WR6ALJ on two meters (146.325-146.925) and on 70 cm (447.075-442.075). The repeater site is at 2060 feet on the ridge above Woodsie. Two telephone lines are available which provide local calling as well as extended coverage of the bay area. More info from WB6STW or write P.O. Box 2048, Burlingame, CA 94010.

\*\*\*\*\*

NEW PAARA MEMBERS are to be welcomed...

George Ice, K6CMT, of 855 Somerset Court, San Carlos 94070, phone 593-0661. George is president of the Lenkurt Amateur Radio Club and holds an advanced ticket.

Gary Liljegren, WØZAQ hails from 605 54th Street, Des Moines, Iowa 50312. Phone 5-5-277-1111. Gary recently became an extra and has even managed to attend two of our recent meetings.

Say hello to these fine fellows and try and introduce a friend to the club who might also be interested.

YOUR EXECUTING EDITOR humbly apologizes for the fact the conclusion of the article on Cosmic Phenomenon by W6DEF is not in this issue as promised. Look for it to be printed next month when more room will again be available. Word has it that Hal is a regular check-in to the Monday night K6QFO net on the 25/85 RACES repeater.

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**THE BARTER BLOCK**, not to be confused with a butcher block, offers items for sale, trade, or wishful search. Even an occasional freebie.

Howard Nurse, W6LLO, has a 50 foot free standing tower for sale, It consists of five sections and comes complete with gin pole for \$100. Also check with Howard for a really elegant Teletype MODEM board that will get you on RTTY with speed and grace. Boards alone or complete kits are available for about \$20 and \$50 respectively. Call 493-2184 and ask for "Big Bunny".

Our noble treasurer, recently returned from Europe with our money still intact, is looking for a three element beam to cover 20, 15 and perhaps 10 meters. Will pay a price commensurate with condition. See number on page 2, listed under Bob, W6BFH.

Your recently relocated editor could use a new antenna for HF operation, in keeping with the restrained simplicity of the neighborhood. Anyone having a Hustler 4BTB vertical in reasonable shape at a similar price can call 592-8750, that being his newly acquired no.

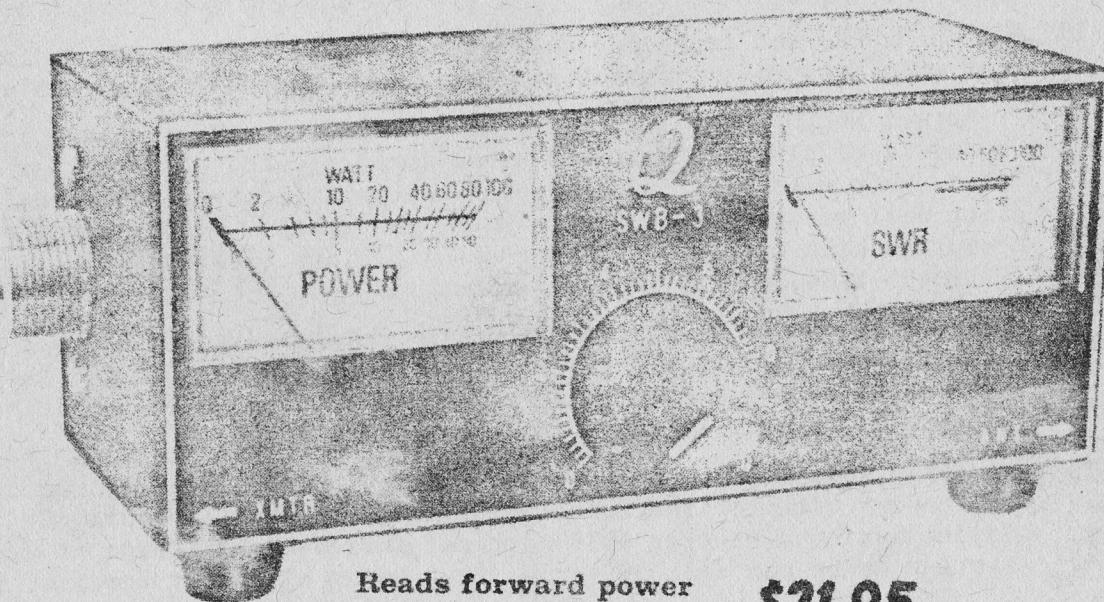
Bill King, WA6OFN, is assisting in the disposal of equipment belonging to silent key, W6HES. Included are: SX101-\$150, DX100-\$60, VOM-\$15, Bug-\$20, Mic-\$10, Scope-\$40, Tube tester-\$25, and many more. Call 595-0258 after 6PM or on weekend for more dope from Bill.

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WA6NCX at 14 Sumner Road, Cambridge, MA 02138 for the summer.  
 WA6ECQ, Gregg now lives at 4180 Wallis Ct., PA 94306.

ARRL Repeater Directory is a bargain for a 6x9 envelope and 46c postage. FCC has approved the issuance of 2x2 calls with an AA prefix! Volunteer examiners only have to be 18 or older instead of 21. Good luck to W6QBY, Paul at his new QTH in the Santa Barbara area. Upcoming PAARA meetings are Sept 9th, Oct 7th, Nov 4th, and Dec 2nd. First conviction, in LA, of a creep selling 2kW linears to CB'ers!!!! Typed while getting high on the fumes of the stencil correction fluid...

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