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AFFILIATED CLUB

AMATEUR RADIO
STATION W6OTX

VOL. XVIII

1974

PARA GRAPHS

PALO ALTO AMATEUR RADIO ASSOCIATION, INC.

MENLO PARK CIVIL DEFENSE RADIO CLUB, K6YQT

Sep 74

PAARAGRAPHS ** The official Organ of the Palo Alto Amateur Radio Association and the Menlo Park CD Radio Club.
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POLICIES: Membership includes subscription to PAARAGRAPHS
 Annual dues are \$4.00

Keep getting PAARAGRAPHS at \$1.00 per year
 Kindly make payments on calendar year basis.
 Checks accepted anytime, however!

ALL your money should be sent to:

PAARA P.O. Box 911 Menlo Park Calif 94025

PAARAGRAPHS GREAT STAFF

Editor-in-Chief: Richard Ferranti WA6NCX

Cover Design: B. Rapp

Label and Mailing: Ed Fairbanks and various good guys.

Fixit man and English expert: Guido J. Ferranti

Typing assistant and TVI expert: Arthur J. Ferranti

Sloppy mobile of the year owner: Dave Waters

Jerry-rigged junkman and brash bootlegger: Gary Giampaoli

Miscellaneous goopy cook: Anita Enander

(Holy Schmolinks -- what a motley bunch!)

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TO: Rick Ferranti WA6NCX 1234 Santa Cruz Avenue
 Menlo Park California 94025 415-324-1539 Do it!!

JOIN PAARA AND HAVE FUN!!

PAARA PICKIN'S ---- NEWS, ANNOUNCEMENTS, LOTS ACTION

OUR NEXT MEETING is on Friday, September 6, at 7:30 PM.

NOTE OUR REGULAR MEETING PLACE HAS BEEN CHANGED!!!!

We will meet at the Golden Gate-Sequoia Chapter of the Red Cross -- at the Red Cross building at 3540 Middlefield Road in Redwood City. This is near where 5th Avenue and Middlefield cross. Enter by the side door.

THE PROGRAM: Attention DX'ers!! Attention for the best program ever -- you read all about it in World Radio! The Kingman Reef expedition comes to PAARA -- the people who were there are going to tell you about it -- We've got "Rusty" Epps, W6OAT, and Pete Grabosky, WB6OOL to give you the first hand dope on this fascinating DXpedition to an island inhabited by one coconut and a grasshopper! Slides, cliff-hanger lecture, and lots of juicy DX talk. Come meet with the guys who were there -- at Kingman Reef.

TEA ** COFFEE ** COOKIES ** GOOD TIMES ** EYEBALL QSO'S
ANYBODY IS WELCOME!!

-----*****-----

The Board of Directors will meet on their same old Wednesday following the regular first-Friday club meeting (YOU figure it out!) on Wednesday, September 11, 1974, in the Prehistoric Trailer with lovely (faded) big red letters on it: "W6OTX". This museum piece is located in the SRI parking lot at 333 Ravenswood Ave. in M.P. Time is the not-so-usual 7:32 $\frac{1}{2}$, local P.M. time.

*****-----*****

DONT YOU FORGET THE PAARA FLEA MARKET/AUCTION!!! It's Oct. 4, 1974, in the beautiful Ampex Cafeteria. Bring all your goodies and/or your money. See Andy VE3FZK/W6 or Fred K6YT or call ye Editor if you have some goodies you want to donate to PAARA and help our semi-ailing treasury. This is one of the Big Events of the year where you can 1) socialize 2) sell your gunk 3) buy more gunk and 4) have the XYL go thru the ceiling all at one (1) & the same time. Yes. BE THERE...!

***SUBSCRIBE TO PAARAGRAPHS**BE INFORMED ***

MORE PAARA PICKIN'S AND ANNOUNCEMENTS

Doing anything special on Monday nights?? Feel like yapping with the PAARA gang and getting filled in on the latest Hot Scoops? Then get on 145.224 mHz or thereabouts at about 8:15 PM every Monday and have fun on the Paara Net.

-----*****-----
 It's sad to report that our good friend and PAARA member Milt Donovan, W6MFN passed away on Saturday, August 17, 1974. Milt had been an active PAARA member since anyone could remember and his good humor and smiles will be missed by all.

A GREAT opportunity for you members to get book bargains!!

MENLO PARK FRIENDS OF THE LIBRARY Book Sale

Sat. and Sunday, Sept 14th and 15th 9:30 AM to 5PM.

At the Library Lawn, Menlo Park Civic Center, Ravenswood at Alma. Tens of thousands of items, with books, paperbacks, magazines, records, and pamphlets. No admission charge (i.e. it's FREE). For more info call Jack Parkhouse at 322-1152.

NEW in the area is Gloria, WBØ KLV/6 who fills the air with FB CW signals from the Research Vessel S.T. Lee berthed in the Redwood City Harbor. She's radio officer on board waiting to get settled in W6 land before changing calls. Sounds like a good candidate from WØ land for field day CW work. Looking forward to an eyeball QSO at the next club meeting, Gloria.

----***----

If you don't think plain English is confusing, how about this conversation, overheard in a hardware store:

"Do you have any four-volt, two-watt bulbs?"

"For what?"

"No, two."

"Two what?"

"Yes."

"No."

de Bob W6BFH via an anonymous personage.

DAH DI DAH DIT

DAH DAH DI DAH

PAARAGRAPHS!!!!

5
MORE PAARA PICKIN'S**ANNOUNCEMENTS AND ADS. GONK

Does anyone have a trailer which PAARA could permanently mount our generator into?? It has to be strong and heavy and BIG enough to carry our four-lunger monster generator. If you got any leads, call ye Editor at 324-1539 or see the pres. Fred Canham at the next meeting.

Did you know that if you give your \$7.50 for a new ARRL membership to our club treasurer instead of sending it directly to the ARRL we get to keep 50¢???? This way you'll still get QST and at one (1) & the same time aid our ailing cash supply. RENEW NOW!!!! (it's going up to \$9.00 soon).

FOR SALE: Heathkit VFO perfect for you Novices!!

Model VF-1 for only \$10.00. Works great.

Also: Excellent Sideband Engineers SBE 33 working fine for \$135.00.

Both from John Kwei K6QZX 2200 Kehoe Avenue
341-7358 after 5:00 PM San mateo 94403

WANTED WANTED A rotor any kind, with or without control box. Call Paul Thekan at 369-4034.

Many will no doubt note with great relief that ye editor's lovely SX-111 was sold. Nasty comments were garnered from various directions about the size of the ad. If you want a big ad, YOU edit the paper!!!

P.S. I bought an FT-101B with the money and it's great!!

FCC AMENDS LOGGING REQUIREMENTS

The following Appendix, to Part 97, as amended, is reprinted verbatim:-

Appendix

97.103 of Chapter I of Title 47 of the Code of Federal Regulation is amended to read as follows:

97.103 Station Log Requirements

An accurate legible account of station operation shall be entered into a log for each amateur radio station.(con't-)

FCC LOGGING CHANGES CON'T.....

The following items shall be entered as a minimum:

- (a) The call sign of the station, the signature of the station licensee, or a photocopy of the station license.
- (b) The location and the dates upon which fixed operation of the station was initiated and terminated. If applicable, the location and dates upon which portable operation was initiated and terminated at each location.

(1) The date and time periods the duty control operator for the station was other than the station licensee, and the signature and primary station call sign of that duty control operator.

(2) A notation of third party traffic sent or received, including names of all third parties, and a brief description of the traffic content. This entry may be in a form other than written, but one which can be readily transcribed by the licensee into written form.

(3) Upon direction of the Commission, additional information as directed shall be recorded in the station log.

----- de CCRC Circle

MINUTES OF THE BOARD OF THE PAARA GROUP the Board of Directors
Meeting held August 14, 1974, at around 7:30 PM local

Present were Fred Canham, Paul Thekan, John Gomperts, Ed
Fairbanks, Andy Korsak, Hal Moore, and Rick Ferranti.

At the July meeting our president had appointed John Cam-
eron the liaison man between the C.B. organization
called the Monitors and Ham Radio operators to promote
cooperation between the two.

It was decided to hold our regular meeting at the Menlo Park
Recreation Hall on October 11. The Auction and Flea
Market will be held at the Ampex Cafeteria on October 4.
Andy gave a technical report on the progress of the latest
project...the two meter transmitter. He is waiting
for some parts to arrive to supply members.

Discussion was led by Fred to organize the Auction and Flea
Market. Items to be organized (besides Andy in general):
Hand Bills (guess who gets to print 'em???)
Flea Market: (\$3:50 per table as usual)
Jerry Starkey to be Auctioneer with Andy on the side,
con't next page.....

THE BOARD OF DIRECTORS MEETING CON'T.....

Hal got commissioned to write letters to Quement's, Wenger, J and H Outlet, Hal-Tek, Ham Radio Outlet, with any donated door prizes to be sent to Fred's house.

Refreshments will be taken care of by Bob Baum, Registration will be performed by Paul Churchill and Hal Moore, and Paul Thekan et al will be porters to help unload junk...er, I mean equipment.

A letter will be written to the Insurance Co. to provide liability insurance to protect Ampex Co. in case of an accident.

Meeting closed at about 2145 local time. Many items discussed were way out on "Cloud Seven" (all of which originated with a certain bearded ham of Canadian descent). But we all had a good time, even if we didn't go for beer later!

De Hal W6DEF
PAARA secretary.

*****PAARA WINS (WELL, ALMOST....) FIELD DAY PLAQUE!**

Listed below are the CCRC Field day Plaque contest standings. All information was taken from summary sheets submitted to the ARRL.

<u>CLUB</u>	<u>CALL</u>	<u>CONTACTS</u>	<u>XMTRS</u>	<u>NOVICE</u>	<u>CCRC PTS</u>	
SCARA	W6PAA/6	2613	5	WN6YCF	3033	1st
MDARC	W6CX/6	2039	8	WN6EKT	2442	2nd
PAARA	W6OTX/6	1339	4	WN6ATL	1939	3rd
FARS	K6YA/6	1307	4	none	1907	4th
SPARK	K6FV/6	557	2	none	1057	5th
EMARC	WB6WSL/6	348	1	none	1001	6th

This information has not been available to the full CCRC Contest Committee and therefore is the unofficial record. However I see no reason the standings should not hold up under all attack. The figures show the tremendous effort put forth by the participating clubs. Congrats go to the San Carlos Club for their outstanding score. Having worked FD from a nearby site I know of their effort first hand. (in more ways than two!...ed.)

----Fred F. Canham K6YT

SPECS NET HELPS OUT IN THE PARADE--SO DOES PAARA!

The SPECS net furnished communication before, during, and after the Mt. View "Centennial Parade" Aug. 25, 1974.

This group has been active continuously for over 20 years and has participated in local, national, and international disasters during that period. It meets weekly on the air Monday nights at 7:45 P.M. on 146.000 mHz. Visitors are welcome.

The SPECS (for South Peninsula Emergency Communications System) mission is to furnish backup communication for police, fire, hospital, and Red Cross in case of emergency. Readiness is maintained by exercises such as this parade. Other activities during the year were : March of Dimes Walkathon, Cerebral Palsey Walk, Mt. View Footraces and several simulated (and simulating) emergency tests.

De W6ASH Walt Read

Specs members Participating EC Mt. View/Los Altos
E.C. Walt Read W6ASH and Palo Alto

Asst. E.C. Jerry Holter W6OCP

Jean Holter WB6LSN *Jerry Starkey WA6LIJ

* PAARA
member

*Sy Stein WA6ROM

Rob Bly WB6KHB

*Fred Canham K6YT

James Barnum K6LJN

HAM TINKERNEERING No.2 By Jerry WA6LIJ

To keep screws and parts in sequence when disassembling ham gear use a piece of heavy paper folded accordian style. Place parts in the valleys as they are removed. In an emergency, plastic tubing can be obtained by removing the core of short pieces of plastic clothes line.

Short pieces of copper tubing can be "pressed" (ouch!) into service as electrical wire connectors. Slip tubing over joint of 2 wires and squeeze with vise grip pliers. (From Popular Mechanics Jan-June '74).

Many a Ham's third hand: Attach a suction cup to a wooden clip-type clothes-pin and fasten to any smooth surface. Clothes-pin makes an excellent vise for soldering. Con't..

HAM TINKERNEERING CON'T.....

Dead man anchors for guy wires can be made by inserting an old piston into a bucket of concrete leaving the connecting rod partially exposed to provide an eye for the guy wire.

Turnbuckles used with guy wires seem to work loose in the slightest breeze. Solution -- after you tighten the turnbuckle to your satisfaction, slip a piece of heavy wire through the rings and center of the turnbuckle and twist ends of the wire together. This prevents relative twisting of rings and center of the turnbuckle.

Cork slab and straight pins make an excellent breadboard for ham projects. Pins are good cheap soldering terminals. (Popular Electronics Oct 73 and April '74).

Tarnished UHF and BNC connectors often show poor electrical contact. To "fix it" dip the connectors into jewelry cleaner. This cleaning solution works equally well on PC board edge connectors, rotary switches, transistors, and IC sockets.

Fred, K6EER, has this contribution: An old cap from a toothpaste tube fits nicely into the "cavity" left in your mobile antenna mount when the antenna is absent. This prevents moisture and debris from accumulating in the mount.

Keep those ham gimmicks flowing---

73, Jerry.

TIMELY TIPS TO THE TROOPS

De Fred Heward
K6EER

Quite some time ago I had a requirement to set up an antenna and equipment with capability of covering the eleven western states on a two and also a three megacy---oops mega-Hertz frequency. To make a long story short the house was quite a bit shorter than the doublet and it was not possible to install masts at the property lines. The illustration (next page) shows how the problem was solved. Get yourself a ruler using one inch to the foot and note how it is possible to get an extended length with very little loss of height without further extending the mast. Guying as illustrated makes a very safe method with the con't.....

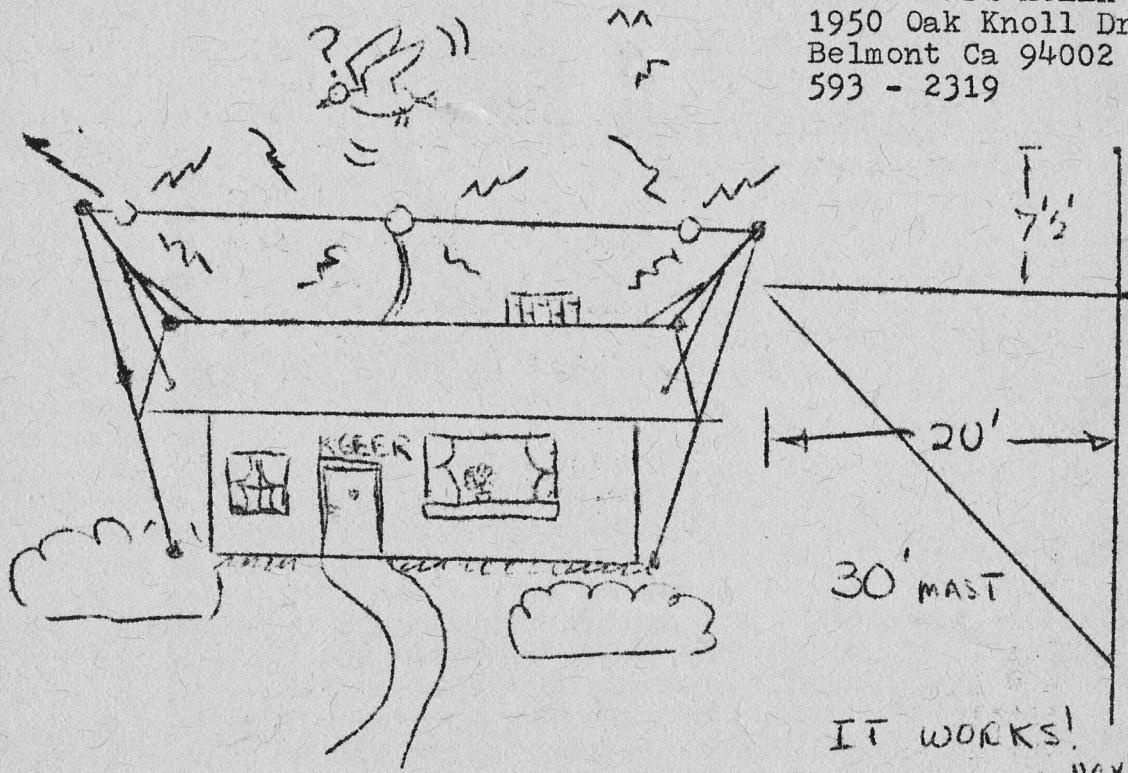
TIPS CON'T.....

least amount of fuss. This method works as well for a doublet and a long wire.

You will note that using a thirty foot mast and placing at the indicated angle you lose about seven and a half feet in height but gain twenty good feet in the horizontal. There is the obvious advantage of the inner guys acting as a sling so that the weight of the mast acts to keep the antenna tight and the single vertical guy is neater.

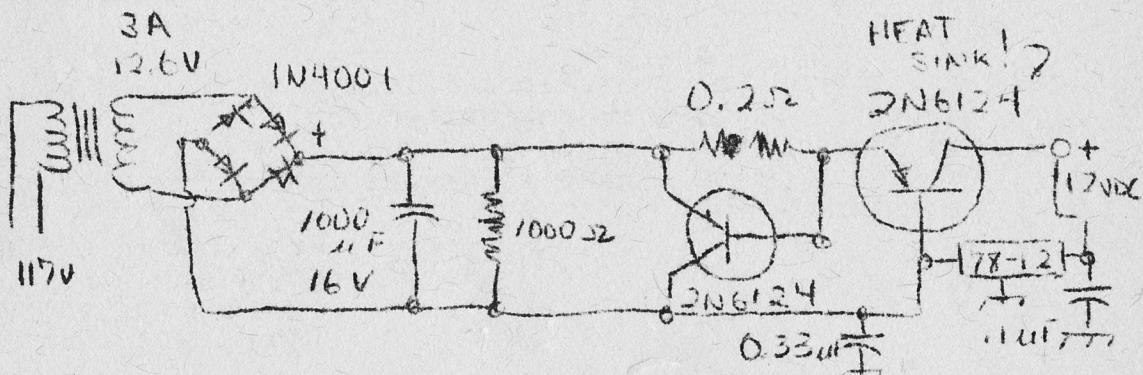
I will admit that the house looked like a beleagured grasshopper frustrated in unrequited ecstasy -- but it was amazing how many people really noticed it. I shall be glad to give a hand to anyone interested in setting up a long wire.

Fred Heward K6EER
1950 Oak Knoll Drive
Belmont Ca 94002
593 - 2319

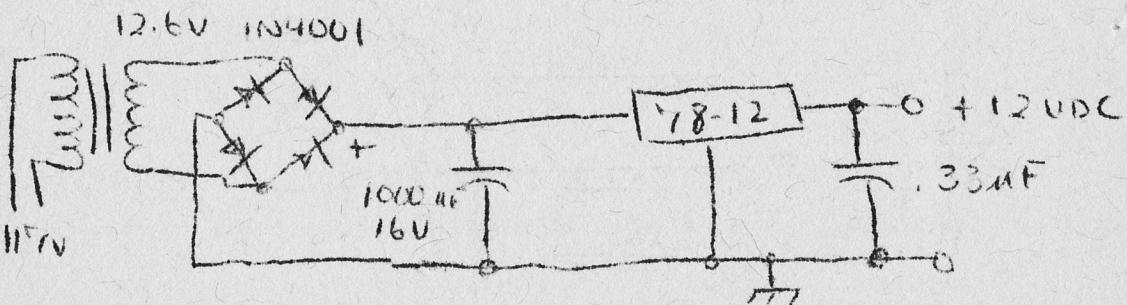


QUICK EASY POWER SUPPLIES FOR YOUR TRANSCEIVERS
 Ripped off from "10-44"
 the Monitors Newsletter

This first one is a 3-ampere supply:



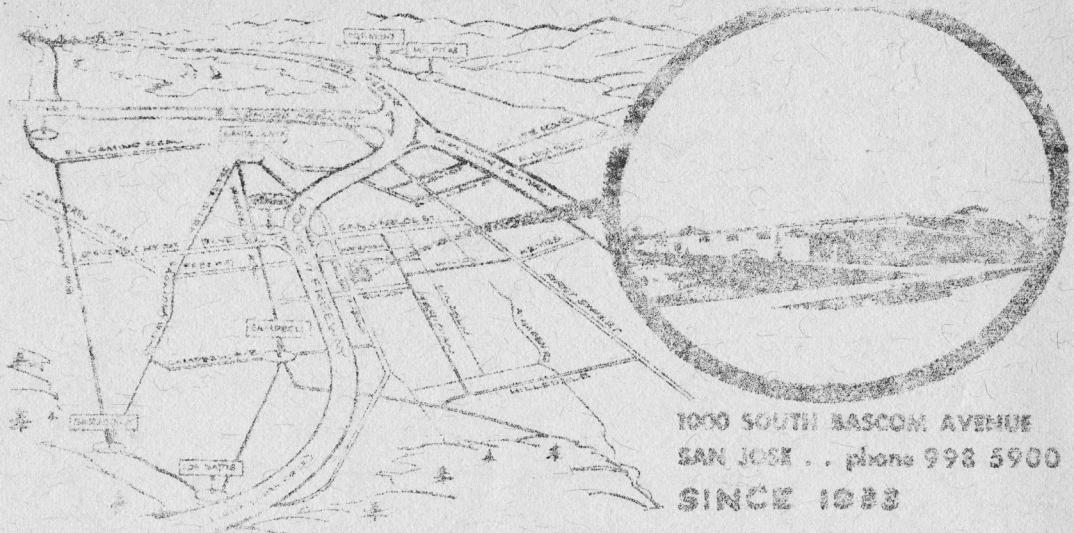
This low current (1.2 amp) is great for the low-power two-meter FM stuff:



Note: The 78-12 regulator is a Fairchild or Motorola 12 volt 1 amp positive voltage regulator.

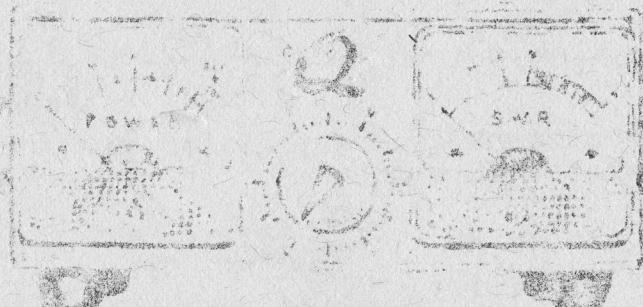
***** ----- ***** ----- *****

At last month's meeting Lee Zalaznik, former PAARAGRAPHS editor of years gone by, said he is going to make up some boards for the QST speech processor of July. See him at the next meeting or get on the PAARA net for further details.



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