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AFFILIATED CLUB

*[Handwritten signature]*

AMATEUR RADIO  
STATION W60TK

VOL. XIX

1975

# PAARA GRAPHS

PALO ALTO AMATEUR RADIO ASSOCIATION, INC.

MENLO PARK CIVIL DEFENSE RADIO CLUB, K6YQT

*Jan. 75*

PAARA PICKIN'S    ANNOUNCEMENTS    NEWS    GOOD STUFF

OUR NEXT MEETING is January 10 in the Menlo Park Recreation Center near the police dept. Time is 7:30 PM sharp as usual.

The Program Gary Perazzo, K6LVJ, will give a talk about the San Mateo County Emergency Preparedness Program, complete with good-taste movies. This will be a good talk to prelude the S.E.T. coming up this month. Come and learn about the all important civil defense and public service aspect of our hobby.

Coffee    Cookies    Tea    Raffle    Goodies    Girls    Gonk  
 \*\*    everybody welcome    \*\*

---\*---

The PAARA Board of Directors will meet at the usual time of 7:30 PM local time on Wednesday January 15, 1975 in the New Years Trailer, which somebody forgot to throw out with 1974 fifteen days earlier. However, big beautiful letters grace this masterpiece's sides so you can't miss it. Yes, 353 Ravenswood Avenue in the SRI parking lot. Come and help us decide the great issues facing PAARA and other select groups.

\*\*\*-\*\*\*

HEY    did you notice something distinctive and different in this issue of PAARAGRAPH? If you can (a) read (b) think and (c) react then indeed you might have come to the startling conclusion that pages 2 and 3 are reversed from what they usually are. This is a 100% True Fact. Also, the facing page has no lower-case letters. Despair not, for this was done on a genuine Model 19 Teletypewriter, because ye noble editor saw that it could be punched up on a tape and run every issue instead of having to do it each time. Translation; Ye noble editor is lazy. The reason why the pages are reversed is that the stencil for page 2 won't fit into the dumb teleprinter, while page 3's stencil will. If you are still confused, send \$00.63¢ and a SASE for a complete explanation with good taste diagrams and 3 inches of 11/16 inch punched tape suitable for framing or shimming shoddy stuff.

PAARAGRAPHS IS THE OFFICIAL ORGAN OF THE PALO ALTO AMATEUR RADIO ASSN., AND THE MENLO PARK CD RADIO CLUB.

VOLUME 19

NUMBER 1

JANUARY 1973

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VICE PRESIDENT ANDY KORSAK VE3FZK/W6  
SECRETARY HAL MOORE W6DEF  
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PROPERTY CUSTODIAN IS ED FAIRBANKS W6AIN  
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1. MEMBERSHIP INCLUDES PAARAGRAPHS SUBSCRIPTION
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PAARAGRAPHS STAFF AND RELATED PERSONAGES

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OFFICIAL YL ANITA ENANDER

SEND ALL YOUR ARTICLES AND NOTES ESPECIALLY STATION CHANGES, UPGRADINGS, NOTES ON CONSTRUCTION PROJECTS, AND CAUSTIC OR OTHERWISE COMMENTS TO RICK FERRANTI W6NCX  
1234 SANTA CRUZ AVNUE MENLO PARK 94025 324-1539



PAARA PICKIN'S MORE GOOD STUFF TO KNOW  
 THE PAARA NET meets every Monday nite on 145.24 MHz  
 plus or minus one line on a Gonset Communicator dial.  
 We discuss everything and anything so don't be bash-  
 ful. Come on in and see how many members survived  
 New Years and how many still know how to operate their  
 rig. (One member--possibly Canadian--gets on regularly  
 and still doesn't know how!). For a good time on a  
 depressing Monday join PAARA and blab it up on AM.

\*\*\*-

WELL, WELL---January means DUES time!! Yes, in order to  
 stay a stalwart and upstanding member of PAARA you  
 should immediately rush to your depleted checkbook and  
 dash out a payment to PAARA for the mere sum of \$4.00.  
 Do it now and avoid embarrassing credit loss!

\*\*\*-\*\*\*

AnyBody who missed the 1974 PAARA Christmas Party missed  
 having a grand old time with presents, food, girls,  
 booze, and semi-humorous jokes. Lots of eyeball QSO's  
 and good cheer were present. Be there next time. PAARA  
 thanks all who came and the San Carlos Club for their  
 help.

\*\*\*\*\*-\*\*\*\*\*

PAARA Welcomes its new member Fred Wickman over there in  
 Los Altos Hills. Fred doesn't have his ticket yet but  
 hopefully he'll be on the air in the near future.

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LISTEN UP: Some help would be most welcome in getting out  
 PAARAGRAPHS. It's only once a month (thank goodness)  
 at the club trailer and occurs generally on Sunday or  
 Monday evening two (count 'em 2) weeks before the  
 meeting. Wonderful chance for bonifide eyeball QSO's  
 and a fine time to solve the world's problems. Anyhow  
 if you think you're free give Ed W6AIN a call at  
 322-0319 or see him at the next meeting. When it's time  
 to set up and put the thing together he'll give you  
 a call to see if you can make it. Thanks.

\*\*\*-\*\*\*

FOR SALE: Collins 75A2 Receiver a great general ham band  
 reciever in fine shape. 160-10 meters with xtal filter.  
 CALL Steve Jones at 851-1719 WA6CFJ. Asking \$150.00



REPORT OF THE BOARD MEETING AT THE W6OTX TRAILER 12/18/74

PRESENT WERE: Fred K6YT, Jerry WA6LIJ, Bob W6BFH, Paul Thekan, Gerry WA6LNV, Ed W6AIN, Andy VE3FZK/W6, Terry WB6CRZ and Hal W6DEF.

Fred announced that the club generator was all tuned up and ready to go for the SET later this month, for the S.E.T.

A Resolution was made and seconded and unanimously approved that the Board recommends to the Club that a sum of \$150.00 maximum be spent in the construction, or repairs and welding, of a trailer to carry this big monster motor-generator around. We could always saw Andy's Datsun truck in half....(can't be worth more than 99%)

The amateur Radio License for K6YQT runs out February 13, 1975. Bob Allen W6WQD the Radio Officer and Trustee will be informed so that he can reapply with the FCC.

Fred announced that Silent Key Milt Donovan's antenna tower had been taken down. Discussion followed about the use of this antenna at the W6OTX trailer.

Discussion about the cost of repairs to the W6OTX trailer.

Discussion about a need for the budgeting of money for 1975.

A calendar of the proposed programs for the meetings of PAARA and the Menlo Park CD Club was discussed for the coming year. A number of ideas were talked about, and Fred and Andy will meet later and decide upon them.

A Report was given by Fred on the new FCC proposed rulings.

Report on the discussion between Jerry WA6LIJ and Bill Jackson W6OWQ in Belmont. It had to do with a small Building which might be obtained for use by amateurs as a good site for some fine operating.

The meeting adjourned at about 2210 local time.

de Hal W6DEF, Secretary

\*\*\*\*\*-----\*\*\*\*\*

REDWOOD CITY CHRISTMAS PARADE REPORT de Hal W6DEF

According to the Redwood city Tribune more than 1700 kids, five marching bands, and dozens of other marching groups participated in the annual Christmas Children's Parade on Saturday December 7, 1974. As usual the Redwood City C.D. and Disaster Communications Service under W6WWJ furnished communications. For the first time in about 15 years, however, we were unable to muster enough operators to fulfill the need. All sorts

## RC Children's Christmas Parade Report Con't.....

of things turned up for the fellows who usually participate, preventing them from lending a hand. The wife of the San Mateo County Sheriff, Mrs. McDonald, gave the operator who reported for duty at the main reviewing stand a big welcome. It was nice to know that you are needed -- especially by the Grand Marshall of the parade!

The big action started immediately. A very important banner had turned up missing and was found just in time and relieved a great deal of worry before the start of the parade. To top it off, Santa Claus of all people turned up missing and wasn't in his proper place in the parade. The news came over the ham rig's speaker and the Grand Marshall, who was close enough to hear the good news, gave a great sigh of relief, that is, when good old Santa was located! It went so far that the President of the Chamber of Commerce was about to put on the costume. I guess you can say the right Santa arrived in the "Nick" of time. (ugh!)

It was a fine parade and everyone enjoyed it. It lasted an hour and 15 minutes, which is shorter than the bigger and better-attended Independence Day parade. Taking part in the action were Dick K6ANN, at the starting line for W6WWJ, Glen W6UOK, and Hal W6DEF. Several non-hams helped out as runners. Thanks to all who came.

\* \* \* \* \*

W6WWJ's net meets every Monday night on 145.49 mHz at 7:30 PM. Everyone is welcome to check in.

W6ASH's net, the Specs net, meets also on Mondays on 146.0 mHz, at 7:45 PM local. Come join them too.

AND Don't forget the PAARA net on Mondays around 8:15 PM on 145.24 mHz. It's lotsa fun for all.

\*\*\*-----\*\*\*

OUR esteemed president, Fred, K6YT, has offered to sell the club the fine antenna (Moseley TA 33 with TA 4OKR 40 meter modification) and HAM M rotator for what it cost him from the estate of Silent Key Milt Donovan, W6MFN. This is an excellent beam for 10,15,20, and 40 and would be great for the W6OTX powerhouse. Suggest, we honor his offer. What say? de WA6LIJ.....



1975 SIMULATED EMERGENCY TEST

The ARRL 1975 S.E.T. is going to occur on January 25 and 26, 1975 throughout the United States. PAARA and the Menlo Park CD Radio Club will participate this year, concentrating their activity on the first day of the SET, Saturday January 25. Here's the dope on times, places and Frequencies:

TIME: Saturday Jan 25 at 10:00 AM to 4:00 PM local.

PLACE: The magnificent W6OTX Trailer in the SRI  
Parking lot at 333 Ravenswood Drive in MP.

FREQUENCIES: 3995 kHz LSB on the HF bands  
145.24 and 145.49 AM phone  
146.52 FM simplex

And a repeater on 146.25 in and 146.85  
output, FM of course. K6OTR

If you are an AREC member here's what you do: Send a test message through our station to:

S.E.C. Ralph Michelson WA6RXB  
19150 Portos Drive  
Saratoga, California 95070

Then you can send messages to your friends or anybody else through our station.

IF you are not an AREC member then you can still have some fun and participate. Just call in to our station on one of those frequencies above and send a message or two to someone you know. It's not hard, because we will worry about the form and other matters usually given when messages are handled.

The stations which are participating in this Test are K6YQT, K6OTR and W6WWJ, all of whom will be operating on 100% emergency power. We will have mobiles running around too -- but we can always use more ops and more mobiles. IF YOU CAN HELP with the operations then come to the trailer and lend a hand. It's quite a lot of fun to handle all those crazy messages.

THERE'S NO EXCUSE FOR NOT CHECKING IN TO SAY HELLO!!!! If you don't have access to any of those frequencies then give the trailer a call at 326-6200 extension 2666 and we'll send a mobile out there to pick up your message or listen on another frequency.

START THE NEW YEAR RIGHT WITH A GOOD TIME DURING THE SET!



1974 SWEEPSTAKES SCORES FOR THE 4 CLUB CONTEST  
de Jerry WA6LIJ

	<u>CW</u>	<u>PHONE</u>
FARS	192,992	335,512
EMARC	141,828	221,724
SPARKS	165,652	207,652
PAARA	39,572	104,916

Oh well, gang, as they said at the Harper Valley P.T.A. the Foothill Amateur Radio Society "socked it to us"! Maybe next year we'll win both Sweepstakes and Field Day!

\* \* \* \* \*

FROM December QST page 85 "The World Above 50 MHZ":  
IS AM DEAD?

The question is asked frequently in HQ mail, and the proposition is debated whenever vhf hams gather. A follow-up question relates to whether AM should be dead. Though this writer has been using ssb longer than most on the vhf bands, he feels that AM has merit for vhf use. Certainly you can do more with less with AM than other voice modes. Let's see anyone home-build a really simple receiver for FM or SSB, for instance. And don't forget plenty of good Dx has been worked with AM phone. The writer worked 720 miles and 18 ARRL sections with a Communicator and a portable beam when on a Maine vacation years ago. How many have done better with 3 watts on FM or SSB? Perhaps even better, good AM gear is going almost begging on the market these days. What's wrong with using it? We can stand all the activity we can get it seems to us. This is not to deride other modes, but rather to encourage people who have AM gear, particularly for 2 meters, to get it out and put it back to work.

Ye noble editor says "Rah Rah" to the above, connoting by such that he is in complete agreement with it. 160 meters is also a fun place to mess with AM and there's no thrill anywhere quite as neat as when you work a W7 with 40 plate-modulated watts some evening!

\*\*\*\*\*

CONGRATS TO: Steve Stuntz K6FS who was our delegate to the Pacific Division Conference held in December. Hope to get a report from you Steve. Thanks for participating!

It is indeed a Hot Scoop that Jerry WA6LIJ just got his infamous HW-202 working and on the air. Now the problem is what do we do for an official FM frequency for PAARA to use as a net channel. With Andy's fabulous 2-meter project actually Getting Somewhere, we should start thinking about a simplex frequency for some FM ragchewing for PAARA.

\*\*\*\*\_\*\*\*\*

OSCAR 7 AND OSCAR 6 FLYOVER TIMES FOR THE BAY AREA

The B mode has the beacon and output in the 2 meter band, while the A mode is putting out juice on 29.5-- OSCAR 6 has just the one output freq., on 10 meters.

JAN 1975	PST	OSCAR 7	OSCAR 6
THU 2	8:28AM	B 7:25PM	A 8:02PM
FRI 3	9:22	A 8:19	B 7:57PM
SAT 4	10:16	B 7:18	A 8:46PM
SUN 5	9:15	A 8:13	B 8:41 PM
MON 6	10:10	B 9:07	A 8:36PM
TUE 7	9:09	A 8:06	B
WED 8	10:03	B 9:00	A
THUR 9	9:03	A 8:00	B
FRI 10	9:57	B 8:54	A
SAT 11	8:56	A 7:53	B
SUN 12	9:51	B 8:48	A
MON 13	8:50	A 7:47	B

By extending this table, it can be shown that on Sunday evening, Jan 26, Oscar 6 and Oscar 7 Orbit times will be about three minutes apart. More complete data on times, dates, directions, etc, can be had from W6CU. Listen plus or minus 15 minutes for the satellites on the above times. de MDARC Carrier.

\*\*\*\*\_\*\*\*\*

WWV has added useful propagation info to its 14 minute- after the hour current radio conditions report. "K index refers to current geomagnetic conditions: 1 or 2 is OK but watch out for 3 or 4. The higher-the-better is the rule for solar flux. de HR Report.

\*\*\*\*\_\*\*\*\*

"Loose Connections are frequently the cause of poor and irregular signals, but with frequent inspections little trouble should be experienced from this source." 1923 Hndbk (I.C.S.)

ATTENTION!!! HERE'S THE SCOOP ON THE RESTRUCTURING DOCKET  
PROPOSED BY THE FCC!!!!

Fred, K6YT gave me his issue of HAM RADIO REPORT which had an excellent resume of this rather shocking proposal. I also copied Doc Gmelin's RTTY bulletin the other nite which had the same dope on it. Credit goes to those two sources for this information, de HR Report, W6ZRJ; Docket 20282, the Restructuring Docket, Proposed by the FCC;

Licenses: Licenses will be divided into two series, Series A (Below 29 MHz) and Series B (above 29 MHz), except for extra class, which will carry full priveledges on all frequencies. Two new vhf-only classes will be offered, Experimenter (vhf equivalent of Advanced) and Communicator (no-code FM-only). Present holders of General and advanced class would receive their additional vhf equivalents by by applying for them, but future applicants will have to take separate tests. Extra class operator license would be lifetime, but the station license must still be renewed. Novice license terms would be five years, renewable; Conditionals would be non-renewable (except for physical disability.)

Frequencies: Below 29 MHz, Advanced Class would gain the phone priveledges now enjoyed by Extras, who would retain their present exclusive CW slots. Generals would see no change. Above 29MHz, Experimentors would have everything, Techs everything above 50 MHz, Comm-unicators all above 144 MHz.

Emmissions: Extra, Experimenter, and Advanced would have all modes permitted on the appropriate frequencies; General and Tech, A1, A3, and F3 only; Novice A1 only, Communicator F3 only.

POWER: Extra, Experimenter, and Advanced would be permitted to run 2 kw PEP output, General and Tech., 500 W PEP output, Communicator and Novice, 125 Watts Input.

Amateur-Administered Exams: The presence of two licensed amateurs would be required when a mail exam is given. Conditionals will have to re-examine at a regular exam point sometime during their five years term in order to keep it. Disabled Conditionals would not be affected.

FILE COMMENTS ON OR BEFORE MAY 16, 1975.....



## THE RESTRUCTURING DOCKET CON'T.....

Doc Gmelin, W6ZRJ, says in his RTTY bulletin (see? it's handy to have the old Mod.12)!!:

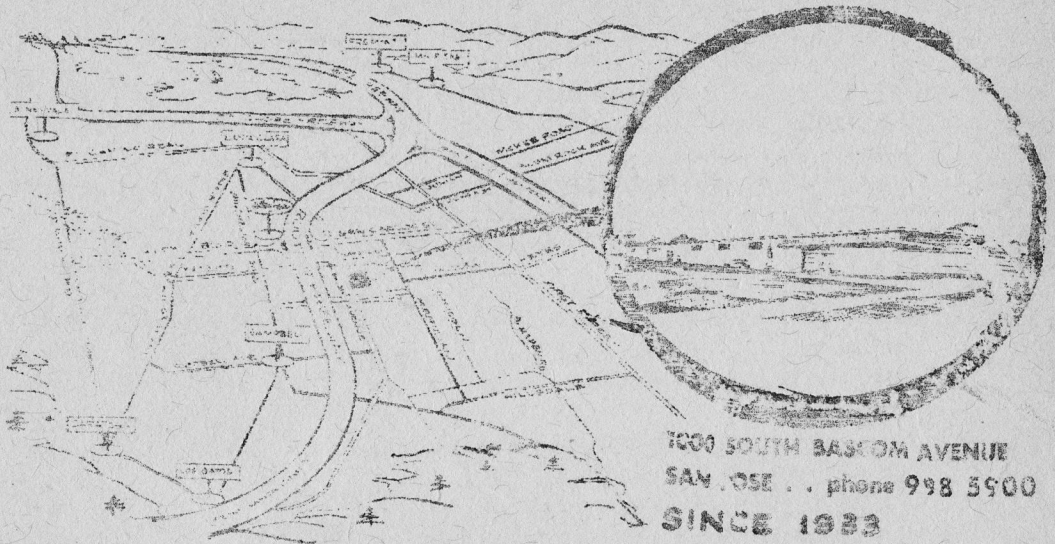
The above is a far-reaching item affecting every radio amateur. The League will take a long hard look at this and needs your help. While this will be discussed in detail at the ARRL board meeting in January there will be much time for input from members before final comments are filed by the League. A Pacific Division Survey will be taken on this matter and in all probability a special board meeting will be held later this spring. Please send your comments on this to Doc Gmelin W6ZRJ, 10835 Willowbrook Way, Cupertino, 95014.

The HR Report Article comments:

The thrust of Docket 20282 seems to be three-fold. First, it greatly extends the philosophy of incentive licensing; second, it attempts to make the license structure more closely relate to the individual amateur's interests and thus rectifies some of the inequities of the present system; and finally it opens the door to vast increases in the amateur ranks by means of the Communicator Class license to counteract the rapid erosion of recent years. Remember: May 16 to file comments!

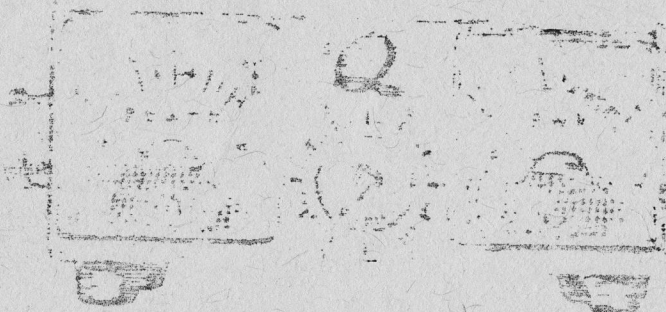
\*\*\*-----\*\*\*

The docket is very radical and in a way very disappointing. It is obvious to me that the Communicator class will fill up the two-meter band with many people who may not really know anything about amateur radio and especially its public service functions. Of course, that depends on the test and the way in which it will be administered. The poor General Class licensees seem to have been shortchanged in terms of power, and modes of emission. The new power rule is outright ridiculous. If anything, hams should be made to run only 250 watts! If you want to comment, please send me something about what you think about all this. I'll print any and all comments sent to me.--WA6NCX  
This issue of PAARAGRAPHS was typed on Sunday, Dec. 29 while listening to Bach, Scriabin, and Satie. Right!



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