

DEC 1978



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GRAPHS



PALO ALTO
AMATEUR
RADIO ASSN.

MENLO PARK C.D. RADIO CLUB, K6YQT

DECEMBER 1978

VOLUME 22 NUMBER 12

PAARAGraphs is the official organ of the PALO ALTO AMATEUR RADIO ASSOCIATION and the MENLO PARK CIVIL DEFENSE RADIO CLUB

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PAST CORNER: Dr. Michael Hecker, SRI Senior Research Engineer, a field specialist in speech research, talked about the acoustic structure of speech based on voiced and unvoiced sounds and the formants describing intelligibility measurements applicable to voice communication: Subjective, person-to-person; objective comprehension of effective frequency response. A good ear turns out to be the best test of a mistuned SSB signal. The articulate quality of a national language depends on whether you understand it or not. An interesting adjunct is the voiceprint portion of the NBVM article in the November QST. There were 49 registered attendees.

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NEAR CORNER:

R E G U L A R M E E T I N G

Friday

December 1, 1978

7:30 p.m

Ray Griese, K6FD, will tell us about —

THE SAGA of G7DW, DANNY WIEL

or

How one Limey bootlegger sailed the Seven Seas, sponsored by CQ Magazine and got away with it,

or

How Danny, G7DW, made a scheduled PAARA meeting 25 years ago wearing sandals and holding a Kuala Bear after a miraculous survival from a shipwreck,

or

Could G7DW work 20-meters from the masthead of a vessel sunk on a topical reef to establish a new country?

or

Whatever happened to good ol' wats-s-nayme?

Gadzooks—this has possibilities, egad.

7:30 PM, December 1, Menlo Park Recreation Center, Civic Center,

BOARD CORNER: The Board of Directors met at 7:30 November 8 in the Club mobile-home at SRI International with two chairs empty and considered the following:

They tossed around Bob's, W6EMI, proposal that membership tags be awarded to those whose attendance record at meetings and/or participation in Club sponsored activities warrants recognition. The main problem seemed to be the limits of the recognition. It was generally conceded that attending meetings should be fun and there were some whose work habits made attendance impractical. Some ground was broken however. Undoubtedly. But it will take a month or so to get the project off the ground.

Bill, WB6IML, requested relief from the Treasurer's job beginning after he gets the paper work for income tax completed. He has a lot of new work building so we may need a new Treasurer even before the April 15, 1979 deadline.

Steve, K6FS is formulating plans for SEMI, recommended date by ARRL January 27-28, 1979, but negotiable. Get your emergency gear ready— you never know when you might need it.

Garry, WA6INV, talked about the Christmas Dinner—more under Party Corner.

Someone suggested programs be directed a little more toward Amateur Radio, but all agreed Andy, VE3ZK, has been doing a wonderful job. Ed note: Andy has asked for help — leads to program prospects. He indicated that he would like word from anyone who has heard a program and thinks our group would enjoy it.

And then the meeting was a shambles of talk about the availability of hardware and software, an analysis of transceivers, field results and talk about how Steve worked an aeronautical mobile as far east as North Platt on 220. And much more—visit Wednesday, December 6, the next Board meeting. Luxuriate in the club trailer and help formulate the destiny of the Club.

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PUBLIC RELATIONS CORNER: Guests or visitors at our last meeting included: Liza, WA7WXA/6, Jim KRUDGE/6 and Professor Whalley, who gave an update on tumor research and treatment through HF radiation. There

were no new members, but AJ, KA6ATG made his first appearance as did Ed, WA6FSQ. Not to be forgotten is K6UDD, Richard, from Redwood City . Nick, W6OLQ indicated $\frac{1}{2}$ & $\frac{1}{2}$. Come again, all.

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PARTY CORNER: If you could find it last month--page 4 where page 10 should have been (some might have been upside-down or elsewhere) Gerry, WA6LNV has arranged for our Christmas Party at Ricks Challet Monday, December 18. No host cocktails at 6 and dinner at 7.

Gerry must firm plans with the restaurant soon after our next meeting, Dec. 1. He requests those planning to attend to let him know and make payment at the next meeting. The menu includes:

1.	Broiled New York Steak, 10 oz.	\$ 9.00
2.	Chicken Cordon Bleu	6.50
3.	Deep Fried Eastern Scallops	6.50

Dinners include a tossed salad or soup, vegetables, french rolls and ice cream. Tax and tip are included in the price.

Again, there will be a gift exchange, each one brings what he or she would like to receive. Gifts get tossed into a bag and Santa distributes them--man to man and gal to gal. Maximum cost of the gifts should be held to \$2.00 so start looking now. Raffle prizes will be an added attraction.

Keep the date open: Monday, December 18, no host cocktails at 6, Dinner at 7.

FAR BACK CORNER: Our dissatisfaction with Field Day Efforts should be tempered a little. Our ranking 10th in the nation, Class 3A, gives us room to improve but our 1st in the 6th call area only gives other clubs something to shoot at next year. Either we stay on top and improve our national position next year or....

Fred, K6YT, Eric, W6DU and Bob, K6SEM did a lot of planning, got a lot of help, and with the voice of 22319 operators manning 1602 stations with 4391 transmitters will say: "Wait 'till next year" Fred says it's ironic, but of the 43 operators using his call sign, he was not one of them. It was a wonderful turnout, a good time, and we have a little time to prepare for the next FD effort. Let's start preparing by sharpening our operating skills--Extra, Advanced, General, Technician and Novice--although by June, 1979, we should

Certainly Foothills ARS (of which the editor is also a member) has reason to be proud of their efforts, ranking 1st in the 4A class as does Ampex Employee ARC (guess your editor is ineligible for that one) for ranking 1st in the 5A class. Each of these ranked 4th in the nation so let's do our best to keep them in their class next year!

EQUIPMENT CORNER: A continuation of "New Transciever Comparisons" by Bob Thompson, K6SSJ --

YAESU FT-901DM:- This rig has about every accessory you can imagine and most are built right into the box. Its final and the driver are tubes but that's the end of it. R-F Speech processing, an Audic peaking system for CW not to mention the built in Curtis keyer chip. A memory system for remembering a frequency you want to come back to. A built in dual VFO system via the memory technique above. You can operate split without an external VFO by simply pushing the right set of buttons. Keying the rig via mic or key will select the proper VFO for transmitting in the event you are split. Rejection tuning and variable IF passband tuning make working thru the QRM less of a problem than most other transcievers. It's a wonder just how much nicer it is when you can slice out the interfering signal. The tuning button allows you a full ten seconds to peak up the frive, plate tuning and load controls. Saves tubes you know! The rig is packed with nice features and from the looks of their latest ads there are a number of accessories available in addition, such as: Phone Patch/Speaker unit; a scanning VFO, a Transverter for 6, 2 and 3/4 meters, and a beautiful antenna tuner should you be operating barefoot or on field day etc.

All in all the FT-901DM is one of the nicest rigs to come along in a long time. It takes a little getting used to but it's bound to be a popular transceiver in the years to come. The built in power supply can handle the usual American and European voltages and frequencies and the rig can also be operated from a car battery for portable or mobile use aswell. This rig would also make a DXpeditioner as happy as a clam and it's all in one neat package. There must be some disadvantages but I was unable to come up with any so far. Weight might possibly be a small problem as it could slow you up a bit if you're doing the O. J. Simpson thing. It weighs 40 lbs. in round numbers..

REBUTTAL CORNER: Disappointment registered last month in the 10-meter performance of the 820-S is the way it was designed to meet Japanese

CONVENTION CENTER: The CCRC CIRCLE comes up with hot gonk and claim a scoop, but if you didn't see it there, you find it here:

Don't forget - you saw it here first! News about the ARRL 1979 Bay Area Convention. Jerry Starkey-WA6LIJ has announced that he and his committee have just made contact with the Cabana Hyet Hcuse in Palo Alto for the purpose of establishing a time for the 1979 ARRL Convention. At the moment, the Committee is considering a date in October, but Jerry says that the actual date is still under discussion. We'll probably have a firm date for you by next month. Anyways, it's not too soon for you representatives to start passing the word to your club members now. Some fellows make their plans for these things a year or more in advance. Jerry, who is this year's General Chairman, promises that the Convention in 1979 is going to be one of the best ever. And knowing Jerry, we believe him!

So keep plans for weekends in September, October and November flexible enough that you can attend the ARRL 1979 Bay Area Convention.

EMERGENCY CORNER: Saturday, November 11, at the San Jose Red Cross Building, Ed Gribi, WB6IZF, Emergency Coordinator for the Santa Clara Valley Section, Pacific Division, ARRL, met with 25 EC's and assistant EC's from the entire section. This was the first all-SCV EC meeting in the three years that K6FS has been EC for the Menlo Park-Redwood City area. Ed is really pushing to get SCV hams emergency minded. The meeting opened with a 20-minute presentation by Bob, K6OL, earthquake-prediction specialist with the USGS. He emphasized that in the SCV, which lies almost entirely in a probable severe-damage region, commercial and public-service communication systems would be almost completely knocked out by a Richter 8.3 shake. Radio amateurs with portable/mobile rigs and emergency power would probably be the main first-response communications available during the initial 12 to 24 hours after that big a quake. Individual EC's reported past SET experience; Ed, WB6IZF, described plans for a high-level 2-meter repeater dedicated to SCV-wide emergency communication, to go on N6HM's Mt. Chual site in the near future. A possible section-wide SET was briefly discussed; plans to be firmed up soon. EC's will be contacting clubs in the SCV to secure formal agreements to help organize section-wide emergency communication capability; clubs participating will receive certification with ARERS (Amateur Radio Emergency Service).

Desirability of portable repeaters was emphasized; example - IC-22's back-to-back, as whipped up during the Marble Cone fire of 1977.

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ARRL ANNUAL PACIFIC DIVISION DIRECTOR'S MEETING CORNER:
Foothill College, Appreciation Hall, 2 December, 1978. Registration starts at 8:30 a.m., meeting starts at 9:00 a.m.

The purpose of the meeting is to establish items that will be taken from the Pacific Division for presentation to the ARRL Board of Directors meeting scheduled for 24 and 25 January, 1979.

Proposals for consideration should be sent to the Director, William J. Stevens, W6ZM, 2074 Foxworthy AV., San Jose, CA 95124 and should in writing and complete with identification of the club or individual submitting the proposal. Items for consideration:

1. Communications Department: Activities in the areas of Emergency Communications, Traffic Operations, Contests, DX, etc.
2. Club and Training Department: Films and Courses of Study.
3. International Services.
4. Report on OSCAR/AMSAT.
5. Repeaters.
6. Publications.
7. WARC.
8. FCC Proposals.

If you have something to say, say it...or no one will hear you. For a complete text of the announcement, call Bob, W6BFH, whose phone number is listed elsewhere. (page 1)

REPEATER DIRECTORY CORNER: A new up-to-date repeater directory for 2-meters or 220 MHz is available from Joyce Ilten, WB6IHD, P.O. Box 1863, Stockton, CA for a SASE. Additional copies at a nickle each. Not really a way to run a business—more like a public service.

HAM RADIO OUTLET CORNER: HRO was neglected last month in recognition of the raffle prizes they volunteered and acknowledgement is now made that they, too, helped make the Auction/Flea Market a success. Our thanks

ELECTION CORNER: Come to the December meeting and elect the leaders! A lively 32nd program is promised to select the 1979 Officers from the following list of candidates:

PRESIDENT	Bob Wheeler	K6SEM
VICE-PRESIDENT	Andy Korsak	VE3FZK
SECRETARY	Gerry Tucker	WA6LNV
TREASURER	Bill Jenkins	WB6LML
MEMBERS OF THE BOARD	Dusty Doster Swede Swenson Erv Rasmussen	K6MPN KA6BEU W6YPM

It looks like a good crew. The nominating committee, Gerry, WA6OPA, Eric, W6DU, and Fred, K6YT, did a good job.

MEMBERS CORNER:

Hank Martin, W6UCE, started radio in Minden, Nevada while teaching science and mathematics in the high school. A fellow teacher held a radio class as an extra-curricular activity and Hank joined the group. He was first licensed in 1938, while Nevada was in the 6th call area. Traffic handling is now his main ham activity and his all-HeathKit station does him well. Some time is spent modifying radios ingeniously into hearing aids for Senior Citizens. He also works with Palo Alto High School helping students with radio interests--40 years of teaching and radio experience gives him the know-how. Way back in 1950 (about) he was an officer in PAARA! Hank moved out of the area for a while but rejoined us a year ago.

Ken Bowen, WB6RRP, got interested in amateur radio through CB while a freshman in high school in 1975. A class at Lockheed got him a Novice ticket in 1976 and further study his Technician license this last September. Every time he gets his code speed up he can't get to the City to take the test! He doesn't work his HX-50A as much as he'd like--most of his radio time is spent working on antennas. His new status as a Tech could put him on 2-meters and he's looking for a hand-held something. Ken is a workhorse for the club--active in the club activities and is a regular attendee at the meetings.

Andy Korsak, VE3FZK\$ started building radics winding coils on
- 1/2" x 1/2" rolled paper tubes and was able to find a hot spot

on the crystal once in a while. He went bicycle mobile that way in 1947. First licensed in 1954 while a sophomore in high school, Andy built his first station in Toronto with the assigned call of VE3DVI. His U. S. activity began in 1963 with his current call sign. A past-president of PAARA and vice-president and program chairman for longer than he can remember, makes him known to all but the very new members, Andy is the only known club member on the 147.45MHz Monday evening gaffests with home-brew gear. His current interests are his computer and how to get the most out of it, and the club. An issue of PAARAGraphs is not large enough to give enthusiastic Andy due credit for his efforts.

M E R R Y C H R I S T M A S

May the Joy of creating happiness and of
extending friendship be yours through
Christmas and the new year.

H A P P Y N E W Y E A R

CONVENTION CORNER REVISITED: (See pg. 7) Jerry, WA6LIJ, has set dates for the ARRL Bay Area Convention. Fridayevening (maybe), Saturday and Sunday, October 26, 27 and 28, 1979.

Nowthens If you haven't seen it somewhere else, you saw it it PAARAGraphs first. Jerry would like support from Bay Area Clubs and from individuals to help with paper work. We'll hear more from Jerry and his crew as time goes by.

UNCLASSIFIED CORNER:

John, KA6CUG, still needs a manual or circuit diagram for his T-150. He's got it working but would like to know why! Phone 366-1658, or see him at the meeting.

someone wants to see a manual for a DX-60? See Gerald, WD6CVW at the meeting or call 322 8300 to get together.

Erv, W6YPM, has a mint ICOM 230 surplus to him. He'll let go of it for \$225. Also a 220MHz mobile antenna still in the box for \$15. Call Erv at 368 2558, or he's usually at our meetings, too.

Gerry, W6NIR, still has the following gear available:

1	Mint Halicrafters S-38D	\$ 18.50
1	SX28A w/ all tubes and functions working	37.50
1	HQ-110C (he sez C means it has a clock)	45.00

Call Gerry at 325 4670.

Jim Hartwell, K7UDG, 1777 Woodland Av. Apt. 38, Palo Alto, 94303, has a YAESU 227R with sub-audiable tone board for \$275.00 and a TR7400A with a sub-audiable tone board for 310.00

Unclassified items will be entered on this page for members of the club and, as space permits, for those interested in the club.

* * *

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