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# PAARA

vol. 25

NOVEMBER 1981

## Graphs



**palo alto  
AMATEUR  
RADIO ASSN.**

MENLO PARK C.D. RADIO CLUB, K6YQT

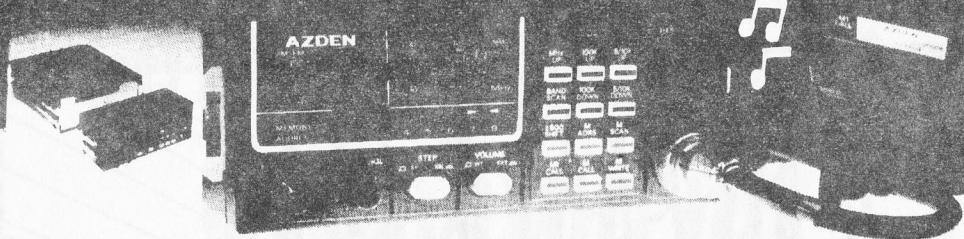
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SUPERIOR  
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2-METER FM TRANSCEIVER

INTRODUCTORY OFFER  
**\$339.00**

FREE TOUCH-TONE® PAD KIT INCLUDED.

COMPARE THESE FEATURES WITH ANY UNIT AT ANY PRICE

- **8 MHZ FREQUENCY COVERAGE, INCLUDING CAP/MARS BUILT IN:** Receive and transmit 142.000 to 149.995 MHz in selectable steps of 5 or 10 kHz. **COMPARE!**
- **SIZE:** Unbelievable! Only 6 1/4" by 2 1/8" by 9 1/4". **COMPARE!**
- **MICROCOMPUTER CONTROL:** All frequency control is carried out by a microcomputer.
- **MUSICAL TONE ACCOMPANIES KEYBOARD ENTRIES:** When a key is pressed, a brief musical tone indicates positive entry into the microcomputer. **COMPARE!**
- **PUSHBUTTON FREQUENCY CONTROL FROM MICROPHONE OR PANEL:** Frequency is selected by buttons on the front panel or microphone.
- **8 CHANNEL MEMORY:** Each memory channel is reprogrammable and stores the frequency and offset. Memory is backed up by a NiCAD battery when power is removed.
- **MEMORY MEMORY 1 RECALL:** By pressing a button on the microphone or front panel, memory channel frequency is accessed immediately.
- **MEMORY SCAN:** Memory channels may be continuously scanned for quick location of a busy or vacant frequency.
- **PROGRAMMABLE BAND SCAN:** Any section of the band may be scanned in steps of 5 or 10 kHz. Scan limits are easily reprogrammed.
- **DISCRIMINATOR SCAN CONTROL (AZDEN EXCLUSIVE PATENT):** The scanner stops by sensing the channel center, so the unit always lands on the correct frequency. **COMPARE!** This with other units that claim to scan in 5-kHz steps!
- **THREE SCAN MODES WITH AUTO RESUME:** "Sampling" mode pauses at busy channels, then resumes. "Busy" mode stops at a busy channel, then resumes shortly after frequency clears. "Vacant" mode stops at a vacant channel and resumes when signal appears. If desired, auto resume may be prevented by pressing one button. **COMPARE!**
- **REMOTABLE HEAD:** The control head may be located as much as 15 feet
- **PL TONE OSCILLATOR BUILT IN:** Frequency is adjustable to access PL repeaters.
- **MICROPHONE VOLUME/FREQ. CONTROL:** Both functions may be adjusted from either the microphone or front panel.
- **NON-STANDARD OFFSETS:** Three accessory offsets can be obtained for CAP/MARS or unusual repeater splits. **CAP** and Air Force **MARS** splits are built in! **COMPARE!**
- **25 WATTS OUTPUT:** Also 5 watts low power to conserve batteries in portable use.
- **GREEN FREQUENCY DISPLAY:** Frequency numerals are green LEDs for superior visibility.
- **RECEIVER OFFSET:** A channel lock switch allows monitoring of the repeater input frequency. **COMPARE!**
- **SUPERIOR RECEIVER:** Sensitivity is better than 0.28 uV for 20-dB quieting and 0.19 uV for 12-dB SINAD. The squelch sensitivity is superb, requiring less than 0.1 uV to open. The receiver audio circuits are designed for maximum intelligibility and fidelity. **COMPARE!**
- **ILLUMINATED KEYBOARD:** Keyboard backlighting allows it to be seen at night.
- **TRUE FM, NOT PHASE MODULATION:** Transmitted audio quality is optimized by the same high standard of design and construction as is found in our receivers. The microphone amplifier and compression circuits offer intelligibility second to none.
- **OTHER FEATURES:** Dynamic microphone, built-in speaker, mobile mounting bracket, external remote speaker jack (head and radio) and much, much more. All cords, plugs, fuses, microphone hanger etc included. Weight 6 lbs.
- **ACCESSORIES:** CS-ECK 15-foot remote cable... \$35.00 CS-6R 6 amp ac power supply... \$59.95 CS-AS remote speaker... \$18.00 CS-TTK touch-tone® microphone kit (wired and tested)... \$39.95.

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PAARAGraphs is the official organ of

The Palo Alto Amateur Radio Association and the Menlo Park Civil Defense Radio Club

\*\*\*\*\*

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\*\*\*\*\*

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Membership in PAARA is \$6.00 per calander year (payable in January) which membership includes a subscription to PAARAGraphs. Freebe distribution to those who indicate an interest in the Club and as an inducement to their becoming members, and is subject to change with changing interests in the Club. Make payment to:

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PAARAGraphs STAFF

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Written contributions to the P.O. Box above.

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Friday November 6, 1981

7:30 pm

R E G U L A R      M E E T I N G

DO HAMS REALLY COMMUNICATE?

by

Doc Gemelin - W6ZRT

&

Al Graetano - W6ZZT

Doc and Al have put together a talk on a variety of communications issues such as emergency communications, traffic handling, etc. It sounds like a good operations-oriented presentation. Be there!

Future meetings: December 4, January 8, 1982

Christmas dinner, December 14, at 6:00 pm

Circle the Date.

November 6, 1981

PRESIDENT'S CORNER: The dust finally settled about 4:00 last Saturday at the MJB Ranch Room for yours truly, K6SEM, K6YT and KA6LZI. As we quaffed a tall cool one, it was clear to all of us that we had completed another sucessful auction. A shoestring catch on some accounts perhaps, but a catch nevertheless. Detailed results are not in but it looks very comparable to last year. The high quality of auction goods this year was a major strength. As always, manpower of the most unselfish kind was the ultimate key to sucess.

Many hands were at work before, during and after the auction and some I can recall at the moment are:

Registration - Alan, W6UVF  
Les, W6KRR  
Andy, K6EHS  
Wally, K6URO

Impound - Fred, K6YT

Auction Registration, etc. - Kevin,  
WA6FHC

Flea Market Regist. - Bill, KA6LZI  
Accounting - George, GI3OEN  
Jerry, W6ARA

Auctioneerering - Bob, K6SEM

Material Handling - Shannon, K6TNY  
Ken, WA6NYB

PAARA Table - Nolan, KB6LT  
Gerry, W6NIR  
Bill, WB6LML

Doughnuts & coffee - Dusty, K6MPN  
Bill, W6DV8

Setup & cleanup - W6DU, etc., etc.

Parking Lot - John KD6ZL

Chris, WB6WBK  
Bob, KA6IRT  
etc., etc.

Raffle Prizes - Dave, KB6JF

Advertising & Net Coverage - Gerry,  
W6NIR

And many others that hopefully will be mentioned later. Many people made Flea Market and Auction item contributions to PAARA, which are greatly appreciated since they are a direct contribution to our financial success.

Thank you's for raffle prizes go to:

Halted Apecialties - 2 each VHF Amp.  
kits

Alltronics - Callbook

J & H Outlet - Muffin Fan

HDB - Solder sucker  
HRO - Numerous Books  
Anon - Meter

We had 427 registered participants and enough who slipped through to get us very close to 500. A good time was had by all which is a sucess by any measurement.  
WA6INV

CHRISTMAS CORNER: The Christmas Party/Dinner will be held again this year at Rick's Swiss Chalet, 4085 El Camino Way, Palo Alto, on December 14th. That's a Monday, and festivities will get under way at 6:00, with dinner at 7:00. Last year, I think we had about 60 people, so you can always find someone to have an eyeball QSO with. Plan on signing up at the November meeting with MONEY. Dinners are:  
Roast Cross Rib of Beef au jus \$8.50  
Breast of Chicken Cordon Bleu \$8.50

If you want to participate in the gift exchange, bring a gift, value not to exceed \$2.50, for an OM, YL, XYL, as appropriate.

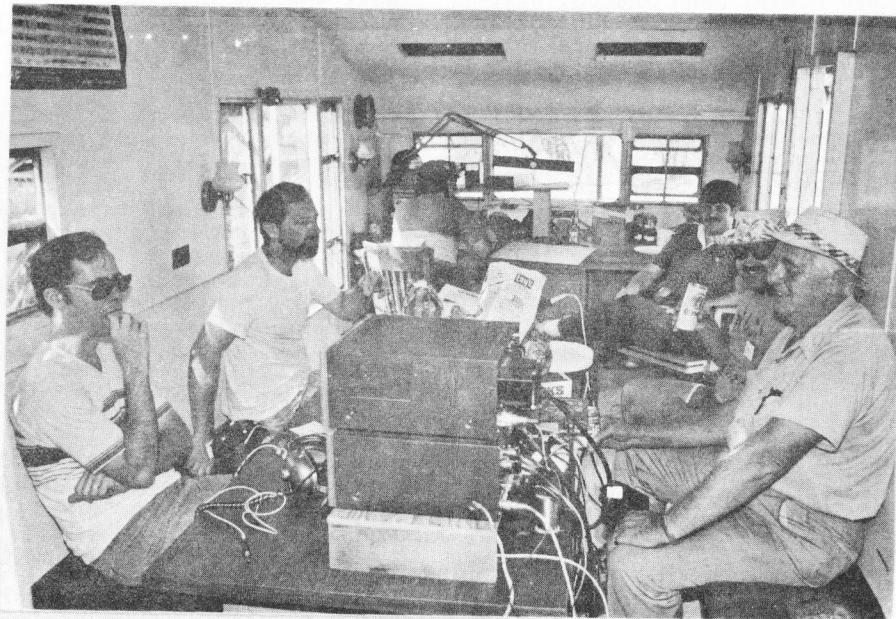
The world famous Field Day Plaque will be awarded at this get-together.

ELECTIONS CORNER: ATTEND the next meeting. The nominating committee will present a slate of candidates for your consideration and vote at the following December meeting.

POST 599 NEWS: The Post would like to thank Mrs. J.E. Pitts for the equipment she recently donated to us (Heathkit equipment, Variac, and miscellaneous parts). Thanks very much! It is being put to good use.

Congratulations are due to Erik Dean, KA6FLY, who recently passed his Advanced Test. Congratulations to Joe Good and David Good on their Technician licenses. And, last, but not least, congratulations go to Mark Shutzer, a new Post member, who is in the long process of awaiting his novice ticket.

The State of the Post: Work is continuing on K6OTR's new 450 branch, and work is continuing on the already existing 2m branch (144.57/145/17). Bob, KA6INT,



and Dan, KA6NEK, are off to college, but they generally get into town for the weekends. Most of the rest of the Post are already attending college, which means, of course, that we are looking for people who are interested in obtaining or have already obtained their licenses, to help keep our Post strong. We've been doing pretty good lately, what with our new members and equipment, but we're always looking for new members. Also, the Post 599 Novice Class is already in session, but that doesn't mean we won't take latecomers! If you know anyone who would make a good Ham, send 'em down to our shack (behind St. Thomas Aquinas Church on the corner of Homer and Waverly in Palo Alto) and we will send you back a Novice. We haven't failed yet!

But, alas, we do have sad news: we will, very soon, be losing our shack. Thanks to Frank Chandler, WB6JIV, we obtained it quite a while ago and have been using it as a 24-hour Ham Shack, clubhouse, storage warehouse, classroom, etc. But we have been informed that we will soon have to vacate it, and we are looking for another place to inhabit. If anyone has any ideas on where we might find another place, please talk to Rob Taylor,

KA6NAN, or Alan Larson, WA6AZP. The shack also housed K60TR/R 2m for the past year or so, and we need another place for it, preferably with a view. Again, if you hear of anything, please contact Rob or Alan.

To close off this column of Post news, I thought I would put in an impromptu roster, so here it is:

Rob Taylor, KA6NAN (Advisor)  
Alan Larson, WA6AZP (Assoc. Advisor)  
John Bounocore, KD6ZL  
Chris Schellenberg, WB6WBK  
Bill Anderson, KD6ZI  
Russel Rockett, KA6IZZ  
Erik Dean, KA6FRY  
Mike Doherty, N6EAF  
Matt Lozano, N6FAQ  
Dan Sakols, KA6NEK  
Bob Gallagher, KA6IRT  
Mark Shutzer, KA6???

and yours truly,  
Art Adams, KA6POV

73's, de Art, KA6POV

#### Board Meeting of October 7, 1981

The meeting was duly called to order at the Trailer at 7:30 by President Tucker. Present were WA6LNV, of course, and Kevin

WA6FHC, Gerry W6NIR, John KA6CUG, Bill KA6LZI, Bob K6SEM, Fred K6YT, and George GI3OEN, back from a long trip with the treasury still intact.

The President named the Nominating Committee for 1982 officers, and the Board approved the same:

Fred Canham, Chairman

Bob Wheeler, Member

John Buonocore, Member.

The main item on the Agenda was the auction, and Bob K6SEM went over the registration and sales procedures several times, seeking reflexive response from his charges.

The President asked for approval of his menu choice at Rick's Swiss Chalet for the Christmas dinner, and the Board decided that for \$8.50, it would be breast of chicken versus roast cross rib of beef. On this culinary note, the meeting was adjourned.

#### Club Meeting October 2, 1981

The meeting was called to order by President Tucker at 7:30 p.m. at the Recreation Center.

Guests were introduced - all six of them. Troop 599's report was given by John KD6ZL (we memorialize his old call KA6CUG in Board minutes). He promised, on behalf of his charges, transport duty at the auction, for parking lot hauling. Another novice class is in session at the Post. Canham claimed the Scouts must have been very successful at the FARS Flea Market, since their sales policy is to sell everything twice. This was an in joke; everyone laughed politely but nothing was explained.

Allen WA6AZP was complimented on running the 2 meter net the previous Monday.

President Tucker gave the details for setting up the auction and flea market, urging members to bring wagons, hand trucks and wheelbarrows, marked very brightly with each owner's name. Bob K6SEM went through the auction procedure at the request of Ralph WA6NNL. He stressed the maximum buy-back charge of \$5.00.

The Christmas party will be at Rick's Swiss Chalet again, with signups at the November meeting.

Bob K6SEM announced the California OSO Party, a County Hunters' Field Day, the coming weekend, sponsored by the Northern California Contest Club.

Next was the program.

Vice President Dave KB6WP introduced John Joss ex-G6VF, free lance writer, pilot, glider expert, naval flier, competition sailor, TV talker without a talk show, electronic and computer buff, philosopher and poet, whose talk ranged through all these subjects and more. Dave said we were the first group which did not have to pay to hear Joss speak, and in gratitude for this, two of our member pilots (including WA6AZP), vigorously challenged the speaker's championship of the British DECCA air navigation system. Before the debate became too heated, President Tucker quickly called for the raffle drawing and the meeting was adjourned.

**FOR SALE:** From the shack of W6ZI. Swan transceiver 270B \$175.00  
Atlas transceiver 215X with console and speaker \$350.00  
Contact Woody Binford, W6LHH, Phone 415 897-3143, 561 Atherton Avenue, Novato, CA 94947

**FOR SALE:** 2 ICOM BP-2 battery packs, hardly ever used \$25.00 each  
Call Herb W6SIN at 364-8538 or see him at the meeting

**FOR SALE:** Kenwood TR-2400 with leather case \$270.00 or offer.  
Call Rob KA6NAN at 321-5089 or see him at the meeting.

**QSL CORNER:** Insurance these days is the name of the game. Why not take out a little insurance on your QSL cards. It's very simple. Print the call as plain and clear as you can. Cards are handled many times before they reach their destination and any one handler that is unable to read the call may have their own idea about what to do with it. Having sorted untold numbers of cards in the last five years, I can assure you that it really helps when someone prints the call in bold, capital letters. Mixing capital, little and written letters in a call is difficult for the sorters. Of course, the language barrier also takes its licks at us here in the incoming QSL Bureau. 73's Charlie, WOQN, Mgr Zero QSL Bureau



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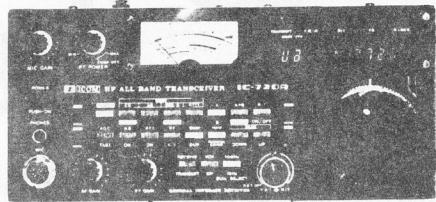
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# HEADQUARTERS



## **IC-2AT**

ICOM's popular 2 meter, 800 channel, compact, handheld transceiver with Touchtone® builtin. Comes standard with BP3 (250 mAh) battery, wall charger, belt clip, flexible antenna. A wide variety of batteries and accessories available.



## **IC-720A**

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