

K6YQT

PAARA NEWSLETTER
VOLUME 53 NUMBER 8, August 2004

W6OTX

PAARAgraphs



Celebrating 67 years as an active ham radio club—Since 1937
Newsletter for the Palo Alto Amateur Radio Association, Inc.



CALENDAR

- Aug.....6 PAARA Meeting, 7:30
Menlo Park Recreation Center
700 Alma Street, Menlo Park
- Aug.....11 PAARA Board Meeting, 7:30
Red Cross Bld., 400 Mitchell Ln., Palo Alto
- Sept.....3 PAARA Meeting, 7:30
- Sept.....8 PAARA Board Meeting, 7:30
- Sept.....11 PAARA Annual Picnic 12 noon to ?
416 Vista Verde Way, Portola Valley, (650-851-2274)
- Oct.....1 PAARA Meeting, 7:30
- Oct.....6 PAARA Board Meeting, 7:30



PROGRAM

August 6, 2004 7:30 P.

Speaker:
Bob Vallio, W6RGG

Program:

“The BPL THREAT”
How Broadband Over Power Lines Affects

Join us for pre-meeting eyeball
at Su Hong Restaurant, 1039 El Camino Real, Menlo Park
Food will be served at 6:00 sharp, so guests will be on time for the PAARA meeting.
Those arriving late will be responsible for their own order and bill.

—PAARA Radio NET every Monday evening at 8:30 P.M., local time—
on the 145.230 -600 MHz repeater, PL tone off

PAARA Annual Picnic

Saturday, September 11, 2004

12:00 noon – “till the cows come home”

Picnic: 12:00 noon – till the cows come home

- at the Rice's home

416 Vista Verde Way, Portola Valley, (650-851-2274)

Who can attend: PAARA Members and Family

RSVP: If you plan to attend, please RSVP to Jim or Lisa Rice no later than Saturday, September 4th at k6ak@arrl.net or 650-851-2274. RSVP by email is preferred. When you RSVP, please let Lisa or Jim know if you can arrive early to help with food preparation and set up.

Carpooling: Carpooling to the Rice's home is encouraged, as parking is limited.

Directions: Please see the map in next month's PAARA-graphs. House is behind #30 at end of driveway. If you get lost try N6NFI repeater 145.23 (-600 PL 100).

*Bring your “radios” and operate the ARRL VHF QSO
Party Contest at 1900' elevation!*

~K6AK Jim

PAARA Website: www.paara.org

PAARA Forum: <http://www.paara.org/forum/>

August 6th 7:30

**ARRL Pacific Division Director & Speaker:
Bob Vallio, W6RGG**

Bob is a very active DXer and made the “Top Of The Honor Roll” in 1982 with a DX count of 365 Mixed, 362 SSB, and similar CW results. He was voted into the prestigious FOC, First Class CW Operators Club and is a member of CQ DX Hall of Fame. Bob spends a lot of his time speaking to groups about BPL and other important issues, as part of his ongoing work as our ARRL Pacific Division Director.

“Thank You Bob, for all your contributions and help!”

~K6AK Jim

Miscellaneous

ELECTRONIC FLEA MARKET

Sponsorship by A.S.V.A.R.O.

[Association of Silicon Valley Amateur Radio Organizations]

Second Saturday of month, March-October, 6 AM-2PM

Howard M. Krawetz, N6HM 650-856-9761

Hosts:

Aug. 14 Foothills Amateur Radio Society.

Sep. 11 Silicon Valley Emergency Communications System.

Oct. 9 West Valley Amateur Radio Association.

PAARA Palo Alto Amateur Radio Association

meets 1st Friday 7:30 each month, Net 145.230 each Monday 8:30,
 contact: Andreas Junge N6NU.....(650) 233 0843

FARS Foothills Amateur Radio Society

meets 4th Friday 7:30 each month,
 contact: <http://www.fars.k6va.org>

NCDXC Northern California DX Club

meets 2nd Friday 7:30 each month,
 repeater for member info 147.360, Thur 8:00PM,
 contact: Mike Gavin W6WZ, (650) 851 8699.

NorCalQRP Northern California QRP Club

meets 1st Sunday each month,
 contact: Jim Cates 3241 Eastwood Rd., Sacramento, CA 95821.

SPECS Southern Peninsula Emergency Communication System

meets each Monday 8:00PM on Net 145.27, 440.80 MHz, www.specsnet.org
 contact: Tom Cascone, KF6LWZ, 650-688-0441 specs@svpal.org

SCARES South County Amateur Radio Emergency Service

meets 3rd Thursday 7:30 each month, San Carlos City Hall.
 Net is on 146.445 [PL 114.8] & 444.50 (PL-100) 7:30 Monday evenings.
 contact:

SCCARA Santa Clara County Amateur Radio Association

Operates W6UU & W6UU/R, repeater 146.985-pl
 Nets: 2m, 7:30 Mon; 70cm, 442.425+ (p1 107.2) Thur.
 Web site www.gsl.net/sccara
 meets 2nd Mon each month @ 7:30 PM.
 contact: Clark Murphy KE6KXO 408-262-9334
 ARRL/VEC license testing contact 408-507-4698

SVECS Silicon Valley Emergency Communications

Operates AA6BT repeater (146.115 MHz+)
 contact: Lou Stierer WA6QYS 408 241 7999

WVARA West Valley Amateur Radio Association

operates W6PIY repeater 147.39+, 223.96, 441.875, 1286.2
 WVARA now has a 6M repeater, linked to 440 and 1.2GHz
 meets 3rd Wed every month.
 contact: Bill Ashby N6FFC, 408-267-3118 or
 N6FFC@Juno.com or N6FFC@ARRL.NET

Perham Foundation (discontinued)

Disaster Services,

PALO ALTO CHAPTER, American Red Cross, www.paarc.org

400 Mitchell Lane

Meets 3rd Wed. each month 7:30PM.

HF, packet, BBS, ATV, OSCAR Gateway, NASA satellite.

contact: Mac Millian 650-688-0423. MACM@paarc.org

SAN JOSE CHAPTER, American Red Cross

contact: Scott Hensley KB6UOO, (408) 967 7924, FSHENSLEY@NOVELL.COM

VE Exams, 3rd Saturday each month, 10:30AM, 145.23- PL=100Hz

Redwood City Main Library, Community Conference Room

1044 Middlefield Road, Redwood City, CA

contact: Al WB6IMX@att.net.

Swap meet, LosPositas College, Livermore, 1st Sunday each month.

Contact: Cliff Kibbe (209) 835 6715 or Eliot Ross (925) 606 7710

(please send changes to PAARAgaphs editor: k6uro@arrl.net)

Palo Alto Amateur Radio Association, Inc.

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Menlo Park, CA 94026

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Ticket Master assistant, Jan Brune, K6IAN.

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..see "Calendar" for Board meeting times, visitors welcome-

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additional pictures by

Dick Kors KM6EP, John Larribeau KR6MR, Wally Porter K6URO

PAARAgaphs e-mail address: k6uro@arrl.net
 Submit material for PAARAgaphs by the 15th

Use WORD, MS Publisher, rich text, or ascii

(New Times Roman is the common font)

send **pictures as attachments** .jpg

PAARA Website: www.paara.org

PAARA Forum: <http://www.paara.org/forum/>

LIFE MEMBERSHIP

Awarded by Action of the PAARA Board

Ron Panton, W6VG & Leslie Vickery, W6AKR

Joe Gomes, KB6HDC

PAARA MEMBER UPGRADES TO EXTRA CLASS.

On Saturday, July 10, 2004, well known and popular PAARA member Mark Cohen, KR1PTO, sat for, passed and earned his Extra Class License at the Sunnyvale VE testing session.

As you may recall, Mark was one of the recent graduates of the PAARA code class in March and April. He upgraded almost immediately to General Class after successfully passing his CW test due to the commitment that he made to himself. Please congratulate Mark when you see or speak with him.

~Terry Finn. AF6TF

MEMBER PROFILE

JOEY STITH, RN, KI4DUK. The PAARA field day site attracted a lot of interested and interesting people, including another health care professional from out of State. **Mr. Joey Stith, KI4DUK**, is a practicing registered nurse who is a rather specialized pediatric intensive care RN. Joey is currently working at the Lucile Packard Children's Hospital in Palo Alto on a short term contract. He learned of the PAARA field day activities from a newspaper article and checked out our PAARAsite at www.paara.org for all of the details.

Joey is from Raleigh, North Carolina, where he lives with his rather patient & understanding wife Marjorie and their two kids, Andrew and Austin. He graduated from North Carolina State University in 1987 as a chemist and worked in the environmental toxic clean up industry as a testing technician before he went back to school at the Wake Technical Community College in North Carolina. In 1992 he graduated with his Registered Nursing credential and worked at the Wakemed Hospital for 12 years before being bitten by the traveling bug.

Joey signed on with a company known as "Cross Country Trav Corps", based in Boca Raton, Florida. (did you know that boca raton in spanish is translated as rats mouth?). They provide specialized health care professionals on a short term contractual basis for any health care organization that needs these expensive specialists. Joey has had the opportunity to work at such diverse places as: the A.I.Dupont Hospital for Children, located on the Dupont estate in Wilmington, Delaware, and in Little Rock, Arkansas, near the home of President Bill Clinton.

Joey joined the Ozark Wireless Society in Springdale, Arkansas, to prepare for his amateur radio license test. He had to travel 2 and one half hours to the nearest VE session to earn his license, **KI4DUK**, in January 2004. He currently owns and operates a Yaesu VX-5 and uses a J-pole antenna from his temporary digs in Palo Alto.

PAARA welcomes Joey and encourages him to up-grade his license status while living in this part of the beautiful State of California. Please say hello to Joey at the meetings before he heads off to his next exciting assignment.

~Terry Finn. AF6TF

MEMBER PROFILE

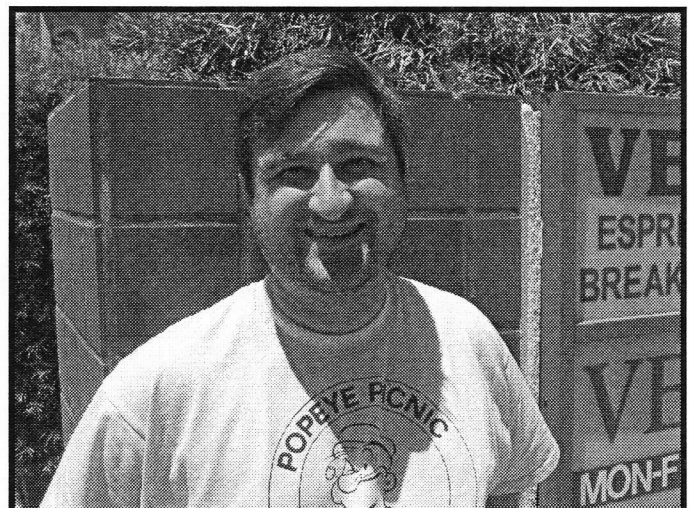
PAARA member **Mike Fisher, KG6QXO**, is a graduate of the PAARA code class and recently up graded his license status to General Class. We were able to briefly interview Mike at the PAARA Field Day site during a break from the hectic activities of tearing down towers, antenna's and getting things stored for next year.

It appears as if we are going to lose Mike as an active member of PAARA as he and his wife Judy will be moving south to the San Diego area as they are both moving on in their professional careers. For those of you who were not aware of it, Mike and Judy were married in March, this year. Congratulations to the both of you and all the best in your new adventures.

Mike is originally from Edmonton, Alberta, Canada, where he graduated from the University of Alberta with a Bachelor of Science degree in computer science and physics in 1970. Mike designed a rather unique data base system for the Algerian Government and actually lived in Algiers, Africa for a period of time. When he left the oil industry he took a position with Xerox Computers in Calgary, Alberta, Canada as a systems analyst. They moved him to Toronto, Ontario, Canada in 1980 and all the way to Palo Alto in 1984. He worked in artificial intelligence for the Palo Alto Research Center which was operated by Xerox. Several years later Mike moved over to Trimble Navigation in Sunnyvale as the Director of Corporate Marketing. One of his big sales was the new GPS systems sold to General Motors. In recent years Mike has worked at a company that designed and manufactured vehicle performance diagnostic equipment that worked in real time. Most recently Mike has been involved in high tech patents where he finds applications and funding for new technology.

Good luck & 73, Mike, from all your friends at PAARA.

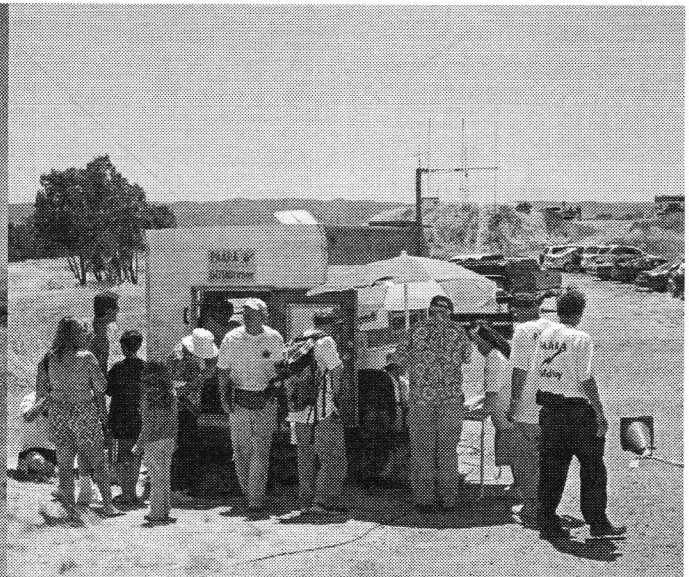
~Terry Finn. AF6TF.



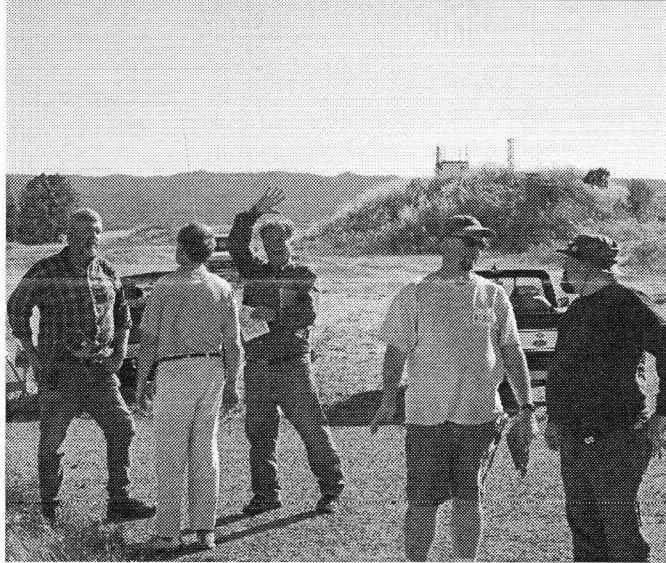
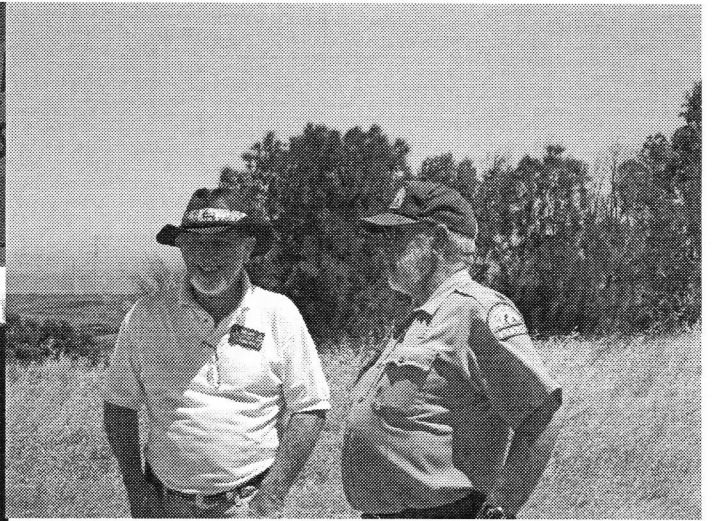
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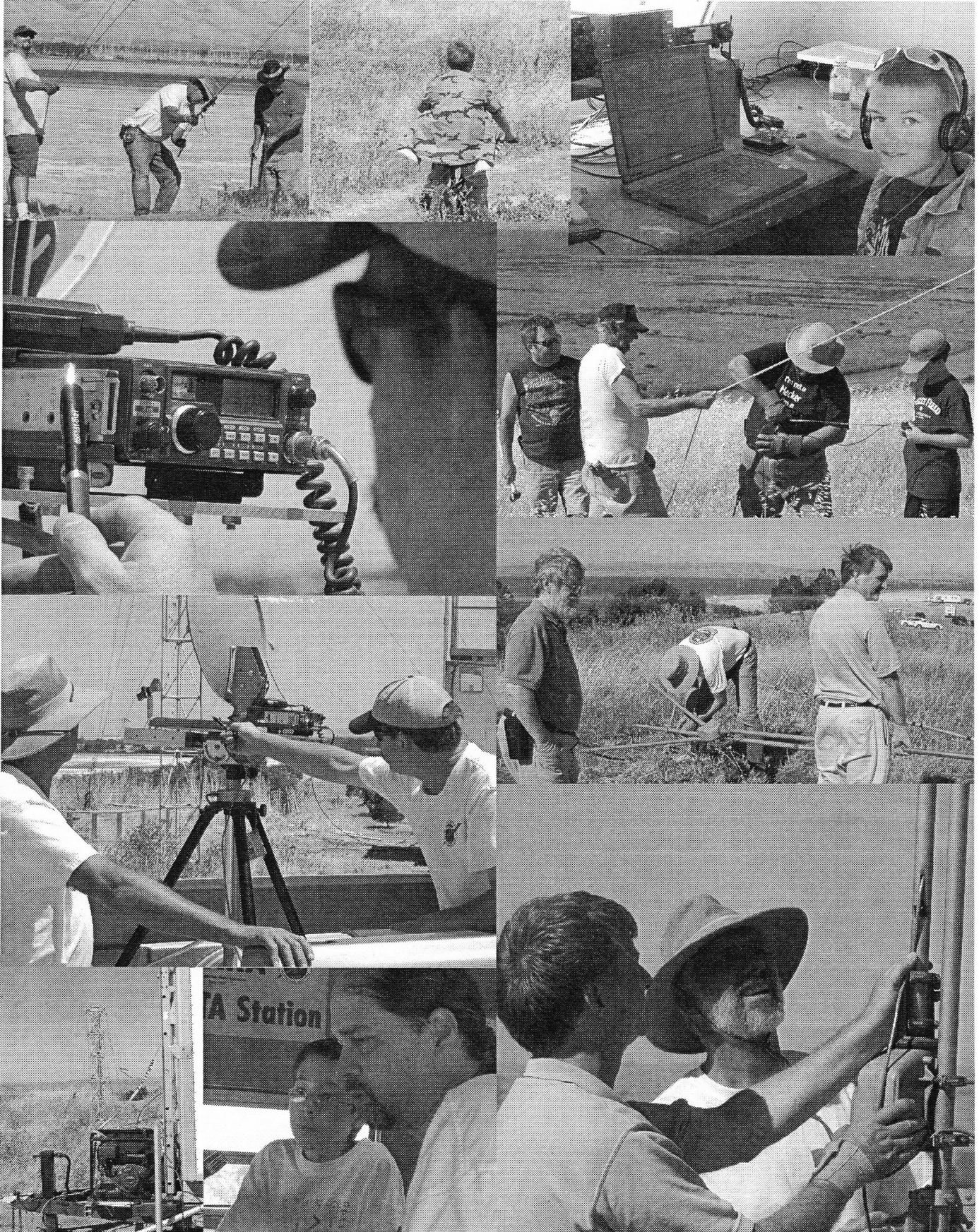
PAARA FIELD DAY 2004



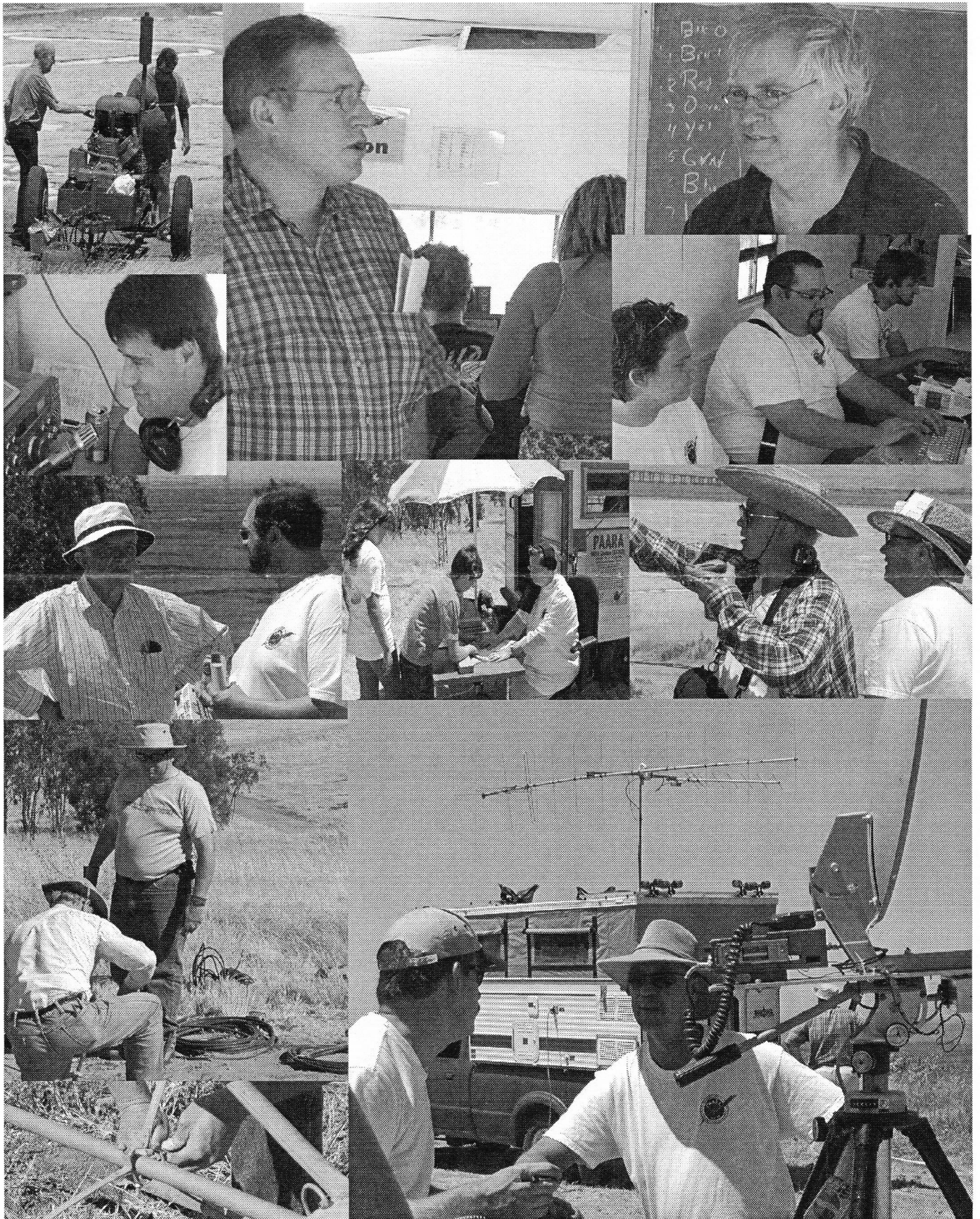
PAARA FIELD DAY 2004



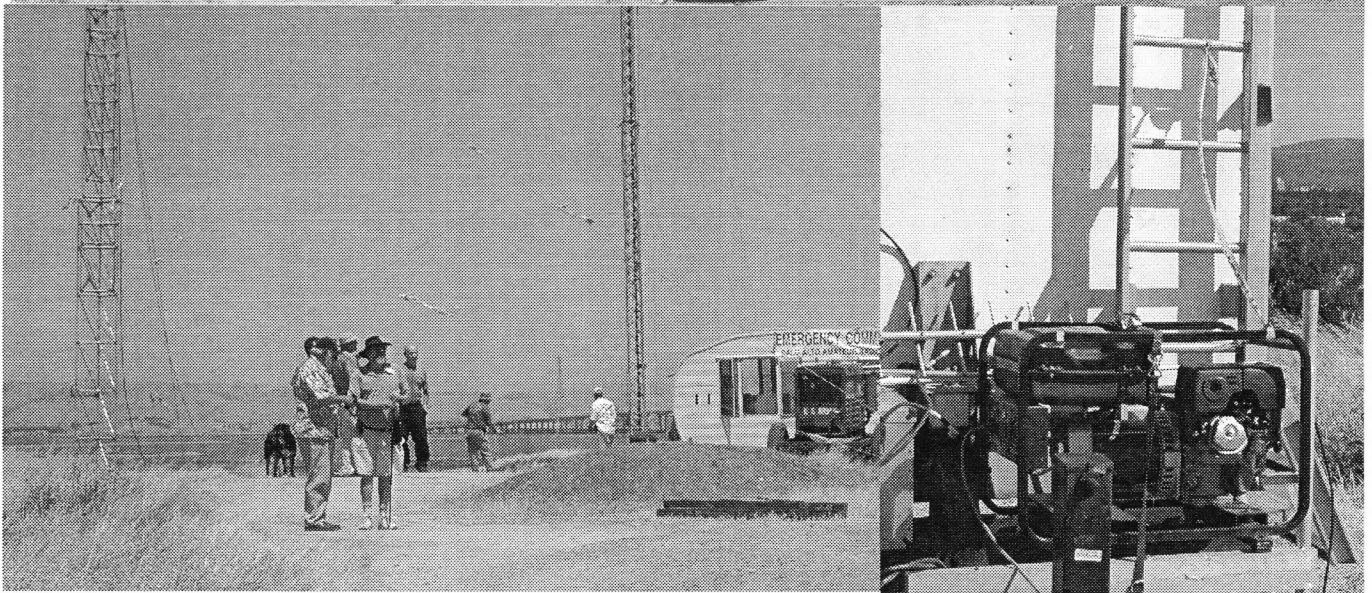
PAARA FIELD DAY 2004



PAARA FIELD DAY 2004



PAARA FIELD DAY 2004



PAARAgaphs August 2004
Celebrating 67 years as an active ham radio club—Since 1937

PAARA FIELD DAY PARTICIPANTS.

Many PAARA members attended the Field Day activities and most of them were able to participate in some manner during the event at the end of June. Those efforts will be reflected in the overall scores that PAARA has submitted to the ARRL. The results of our club efforts will be detailed in a memo provided by the PAARA treasurer, **Ron Chester, W6AZ**. To provide a brief overview of what some of the PAARA members were doing, kindly read on as we describe their activities.

MIKEY FURMAN, KD6OCS.

On Friday, Mikey assisted with the tower erection and antenna installation. He brought along his IBM ThinkPad that was running the Linux operating system and using the GMFSK software. He set up the PSK and RTTY station using his ICOM 706 and was able to download the ARRL bulletin via RTTY all within five minutes of being asked to obtain that first bulletin for extra points. He operated PSK, (for the first time ever at a PAARA event) during the early morning hours of Sunday and actually worked Japan.

Mikey also assisted **Bill Rausch, AA6PA**, with some serious computer problems that Bill had run into with his satellite station. Mikey was able to get that system up and running as well. Mikey also sent an NTS message and ran under natural electrical power for some of his radio communications. All of this was for the extra points that PAARA was able to earn for participation in this ARRL event. To round out his services to PAARA, Mikey traveled around the Field Day site on Sunday and picked up all of the direction signs and placed them into the PAARA Field Day trailer for use next year. Thank you Mikey!

STEVE BRUNE KG6OUB & IAN BRUNE K6IAN.

Steve and his son Ian, had spent numerous hours on the Saturday work parties over several months assisting with the preparation of the PAARA Field Day trailer. They were responsible for cleaning out a lot of old, useless material, painting the interior walls and generally getting the trailer ready for use again in 2004. In fact, they donated several chairs (two office style & 2 folding) and a folding table that were left in the trailer for use next year.

Steve and Ian brought along two laptop computers for use at Field Day and were responsible for erecting all of the directional and informational signs that were observed at the Field Day site. It should be noted that Steve had spent a considerable amount of time, effort and personal expense to design, manufacture and prepare the signs. Many of the signs were brand new for this year with much stronger mounting stakes and attachments. Thank you Steve and Ian.

DOUG TETER, KG6LWE.

Doug was one of a number of PAARA volunteers who had been involved in the Saturday work parties preparing the Field Day trailer and related equipment. He had been able to repair and service the small club generator that had experienced a fuel pump failure. Doug was actually responsible for handling and preparing both generators and feeding them during the event. He believes that they were consuming fuel at about one gallon per hour while they were running and providing electricity at the site.

Doug could be considered the event 'tool man', as he seemed to have all the necessary tools and ancillary equipment to get things together and working throughout the entire Field Day activity. Thank you Doug for all of your efforts again this year.

COMMENTS.

We do not have the space here in PAARAgaphs to list all of the participants or their specific contributions, so please do not be of-

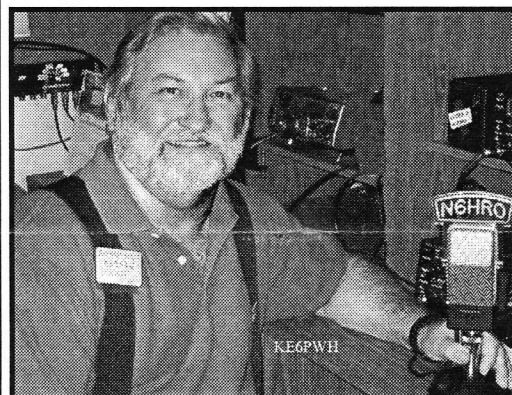
fended if we did not mention your name. The over all event coordinator, Gerry Tucker, N6NV, knows who you are and wants to thank all of you who were able to take the time to participate and make PAARA a viable contender in the ARRL contest.

~Terry Finn. AF6TF

FIRE DESTROYS HAM SHACK AND HOME.

Tragedy struck on Saturday, June 19/04 at the personal residence of PAARA member Howard Califf, KE6PWH. His home in Santa Clara was the scene of a devastating fire which was believed to have started in his ham shack. His son, cat and dog were home at the time, but were able to escape without injury when the fire was detected shortly after 1 AM. The dog was barking, the smoke alarm was buzzing and the cat was already outside prowling when Howard's son ran out the door just in time to observe the smoke detector fall off of the ceiling and melt on the floor.

Howard was away that weekend visiting his brother Mike, AB7OC. They were in Seaside, Oregon, attending the annual



SeaPac ham convention.

Howard has stated that the loss was truly tragic, however in his words, "it was just stuff and no one was hurt". He lost his

complete ham shack including computers, most of his furniture and almost all of his clothes. The structure of the home was almost totally destroyed and smoke damage was incredible. However, the insurance company has assured him that they will assist in rebuilding the approximately 1200 square feet of residence that was destroyed and will also attempt to replace most of the contents.

The Fire Department was unable to determine the origin of the fire, although the Insurance Company fire investigator suspects that it may have been a small oscillating desk fan that shorted out electrically and fell over onto a stack of material and equipment in the ham shack. The total loss has been valued at approximately two hundred thousand dollars. Howard claims that he is OK and is dealing with the loss and the on-going administrative paper work that accompanies this type of thing.

PAARA members are encouraged to speak with Howard regarding this terrible, accidental loss and offer up any assistance that they may have for him. Please do not forget that Howard is an active member of PAARA and has been especially helpful and generous to PAARA through his position as manager of the Candy Store. Good luck to you Howard.

~Terry Finn. AF6TF.

PAARA August 6th Meeting and Raffle

PAARA "The Friendliest Club Around"

Palo Alto Amateur Radio Association, Inc.

Date and Time: Friday, August 6th at 7:30 p.m.

Location: Menlo Park Recreation Center, 700 Alma St., Menlo Park, CA.

PAARA Website: www.paara.org

Welcome Members and Visitors

SPECTACULAR, UNBELIEVEABLE, & HEART-POUNING EXCITEMENT!!

"MUST ATTEND EVENT OF THE YEAR" say Amateur Radio Operators Worldwide...

Mark your calendar and don't sit down in that Barcalounger because "that's not all folks!"

FIRST PRIZE:

Come try your hand at winning the

Yaesu FT-2800M / 2m / 65W / FM Transceiver

Backlit Mic / SmartSearch Auto Memory / WX Channels / WIRES Linking

SECOND PRIZE: Garmin eTrex / 12 Channel GPS Receiver

THIRD PRIZE: TWO Cobra FRS / GMRS Radios / Call Alert / Scan

NiMH Batteries with Drop In Charger

Don't forget about the

TWO / FOURTH Place Raffle Prizes plus a Bonus Prize of a

1-year subscription to WORLD RADIO.

Enjoy our fabulous speakers, free refreshments, chatting with your friends, and the chance to take home an unbelievable prize.

See you at Round Table after the meeting! Kyle, Ian and I are having a lot of fun.

THANKS AGAIN FOR MAKING THE MEETINGS VERY EXCITING!

The PAARA Raffle is FULL of SURPRISES and YOUR LUCKY DAY may be August 6th

Contact Kyle, KG6MSK and Ian, K6IAN, "Two of PAARA's youngest members" for tickets at the meeting.

Members and Visitors: THANK YOU for your continued support of the PAARA Raffle!

Since February 2003 43 Radios, including an ICOM 706 MK IIG have gone to Fellow Hams, THANKS TO YOU and the PAARA Raffle!

Special Thanks to Howard and HRO for their continued SUPPORT!

~K6AK Jim

Congratulations:

PAARA Raffle Prize Winners / July 9th 2004

1st Prize: Mark Marriott WE6N/ Yaesu FT-2800M 65W Mobile Rig

2nd Prize: Bob Golder WA2CFN/ Icom IC-T2H 5W HT

3rd Prize: Don Frevert KG6GLU/ TWO Uniden FRS Radios with charger

4th Prize: Rob Goodson KG6QQC/ Declined Prize / "Thanks Rob"

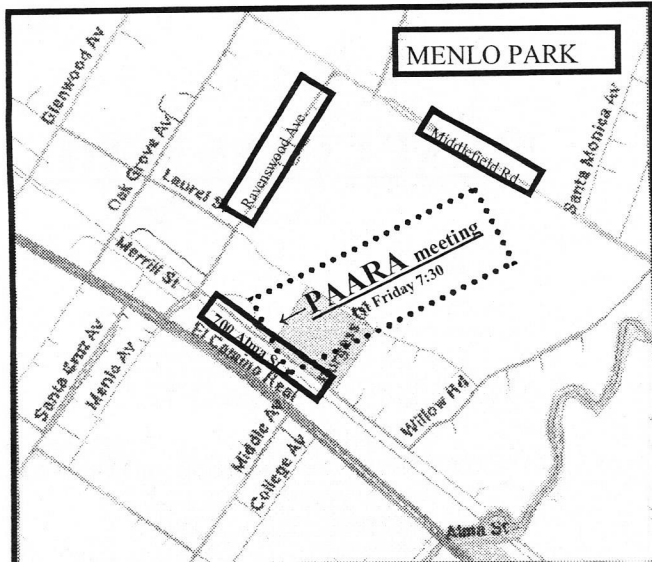
4th Prize: Will Cromarty N6WIL/ Station Log

Bonus Prize: Joey Stith KI4DUK/ 1 Year Subscription to WORLD RADIO


PAARA Members and Visitors: THANK YOU FOR YOUR SUPPORT of the upcoming *PAARA 2004 Dream to Reality Raffle II* as well as the exciting monthly raffles! Since Feb. 03, 43 Radios, including an ICOM 706 MK IIG have gone to Fellow Hams, THANKS TO YOU!

PAARA is having a remarkable year in 2004, and if you aren't a member, please join PAARA and experience fun events with the friendliest club around.

~K6AK Jim




W6AZ



Ron Chester
 Santa Clara
 (408) 243-2221
 Ron@taxhelp.com

Tax Preparation & QuickBooks Consulting - Ham discount



Howard at HRO says: "HAM accessories and gift certificates are available at HRO"

"Congratulations PAARA on a successful year."

QSL CARDS

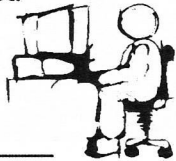
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PAARAgaphs Ad Rates

PAARAgaphs accepts paid advertisements from non-members.
 (short personal ads remain free for members in good standing).

All ad rates listed are per issue only.

1. Not for profit ads by association members for ham-related items and wants. No cost for business card size ads (additional space at \$2.50 per business card size).
2. For Profit organizations and/or individuals: \$5-business card size, \$25-half page, \$50 full page or back cover.

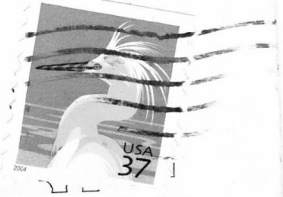
These fees may be reduced or waived in exchange for a valuable consideration that is given to the Association or its general membership. Such consideration must be in addition to any existing arrangements with the association.

The PAARAgaphs editors reserve the right to reject any ad deemed to be not in the best interest of the Association. All fees payable in advance by the year with "scanner-ready" copy or text-only ads. Give payment and copy to Bob Korte

PAARA • Palo Alto Amateur Radio Association • P.O. Box 911, Menlo Park, California 94026-0911

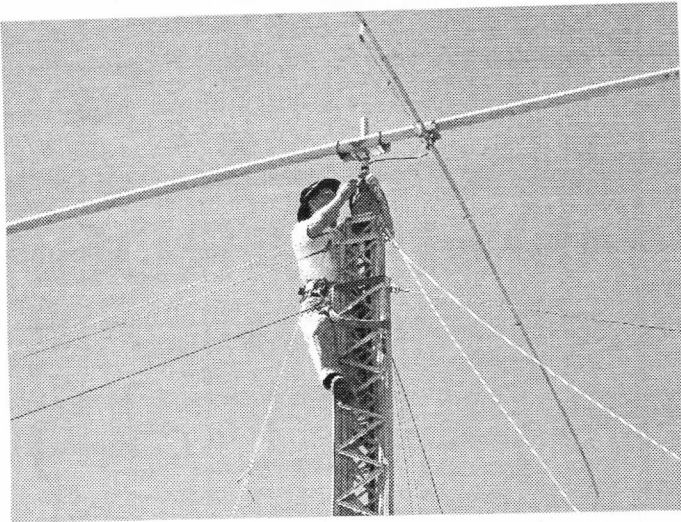
- Club meetings are on the first Friday of each month, 7:30pm at the Menlo Park Recreation Center, 700 Alma Street, Menlo Park, CA.
- Radio NET every Monday evening, at 8:30pm, on the 145.230-600 MHz repeater, PL tone off.

Membership in PAARA is \$12.00 per calendar year which includes a subscription to PAARAgaphs, \$6 for additional family members (no newsletter).
 Make payment to the Palo Alto Amateur Radio Association, P.O. Box 911, Menlo Park, CA 94026-0911
 Permission is granted to reprint from this publication with appropriate source credit.



Palo Alto Amateur Radio Association, Inc.
PAARagraphs Newsletter
P.O. Box 911
Menlo Park, California 94026

FIRST CLASS MAIL



FIELD DAY 2004

See pages 88-92

Sunnyvale, 510 Lawrence Exp. #102 (408) 854-6046

12 STORE BUYING POWER


HAM RADIO OUTLET
WORLDWIDE DISTRIBUTION

KENWOOD



TM-2100 VHF/UHF 12.5KHz

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- IF Stage DSP • Built-in TCXO, DX packet cluster
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- Low Pricing!



IC-706MKIIG HF/VHF Transceiver

- 40 MHz HF/20 MHz VHF
- Auto TUN • Auto Scan • Auto Memory
- Auto-Stop • Auto PTT • Auto Filter • No Spurious
- Emergency-alert message
- Low Pricing!



IC-756 PRO II All-Mode Transceiver

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- 500-1000 Channels • 200 Memory Channels
- 600 Memory Channels • 600-1000 Bands • 100
- Advanced Memory Features
- 400-2000 Channels • 400-2000 Bands • 100
- Low Pricing!



VX-7R VHF/UHF Transceiver

- 80W Memory
- 50W TX/Receive 200MHz
- 1500 Channels
- Easy-to-use 3 ft. Antenna
- Block & CW
- Simple to use
- Low Pricing!



FT-100D HF/5MHz Transceiver

- Complete Transceiver with Antenna
- 50W/100W • 50W/100W
- IF 100kHz • 100kHz • 200kHz
- Simple to use
- Low Pricing!



FT-1000MP MKV HF Transceiver

- 100W • 100W • 100W
- Simple to use
- Low Pricing!

OAKLAND, CA
2270 Livingston St., 94606
(510) 534-5757
(800) 854-6046
Mark, Willyn, Mgr.
1-880 at 23rd Ave. ramp
oakland@hamradio.com

SUNNYVALE, CA
510 Lawrence Exp. #102
94085
(408) 736-9496
(800) 854-6046
Howard, K56PWH, Mgr.
So. from Hwy. 101
sunnyvale@hamradio.com

ICOM



DJ-196T 2M/HT

- 3 Watt out
- 50 Channels
- Automatic call
- 50 Memory
- Low Price!

ALINCO



DR-135TP 2M HT

- 50 Channels
- 50 Memory
- Low Price!