

W6OTXPAARA NEWSLETTER
VOLUME 54, NUMBER 3, February 2005**K6YQT**

PAARAgraphs

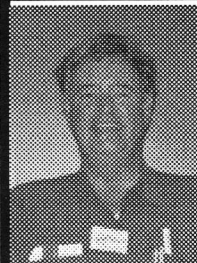
Celebrating 68 years as an *active* ham radio club—*Since 1937*
The Palo Alto Amateur Radio Association, Inc.

CALENDAR

- Feb 4 **PAARA Meeting**
7:30–9:30
Menlo Park Rec Center
700 Alma Street
Menlo Park, CA 94025
- Feb 9 **PAARA Board Meeting**
7:30pm
Red Cross Bld., 400 Mitchell Lane Palo Alto
(due to Parking Lot problems location may change, check net before Bd. meeting)
- Mar 4 **PAARA Meeting, 7:30pm**
Mar 9 **PAARA Board Meeting, 7:30pm**



PRESIDENT'S CORNER



Can you believe that it is almost February 2005 ?

Have you noticed that as we grow wiser and older, the time seems to go much faster than it did just a few years ago? Don't forget to remember

that special person in your life on Feb 14.

PAARA is still the largest, friendliest and most progressive radio club in our geographical area. This is due primarily to the efforts of our membership, who all do their little part in creating an environment of fun while we gather to discuss the technical and operational aspects of our chosen hobby known officially as the amateur radio service.

It is that time of year to renew our PAARA membership and encourage others, even those who are not yet licensed, to join our association. We have a number of ideas under development that will encourage more participation in specific interest groups this year. We also look forward to more Elmer's coming forth and providing their expertise in helping the newer ham's become technically proficient and operationally qualified. We are planning to streamline the Field Day operation so that we may earn more contest points during that event in June.

Please take a look at the on going changes made to the PAARAsite at www.paara.org and provide your input to the Board of Directors. This is our organization and we are on a roll. Every member has an opportunity to take part in the many activities planned and offered.

~73: Terry Finn. AF6TF

NEXT MEETING

Friday, February 4,
2005, 7:30pm

SPEAKER:

Bonnie Crystal, KQ6XA

PROGRAM:

“Expedition Radio: Above and Below Ground”

World-famous DXer **Bonnie Crystal** will describe her most interesting operating adventures to remote locations all around and deep inside the Earth. Bonnie will talk about her use of the LowFER 160–190 kHz band, with its mile-long (1750m) wavelength, for establishing radio communications from the surface into deep underground caves, and her adventures spelunking and exploring lost jungle cities in Peru.

Bonnie is perhaps best known for founding the HF Pack group, which promotes the use HF radio communications while pedestrian or bicycle mobile, but has also co-founded three high-tech companies (International Medcom, Telegen, and Telisar), and in a previous century, co-authored *The World of CB Radio*

~K6WEB Peter

Join us for pre-meeting eyeball QSO

at **Su Hong Restaurant, 1039 El Camino Real, Menlo Park**
Food will be served at 6:00 sharp, so that 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

PAARAgaphs—February 2005
 Celebrating 68 years as an *active* ham radio club—*Since 1937*

Miscellaneous Info

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: <http://amateur-radio.org/> or Al, WB6IMX@att.net

ELECTRONICS FLEA MARKET

Sponsorship by A.S.V.A.R.O.
 (Association of Silicon Valley Amateur Radio Organizations)
 Second Saturday of month, March-October, 6am-2pm
 Howard M. Krawetz, N6HM 650-856-9761
 Host: *Closed until Spring.*
 Contact: <http://www.electronicfleamarket.com/>

LARK Swap meet

LosPositas College, Livermore, 1st Sunday each month.
 Contact: Cliff Kibbe (209) 835 6715 or Eliot Ross (925) 606 7710
<http://www.livermoreark.org/swap/swap.html>

PAARA Palo Alto Amateur Radio Association
 meets 1st Friday 7:30pm each month, Net 145.230 each Monday 8:30,
 contact: <http://PAARA.org/> or Terry Finn, AF6TF, 650-366-9111

FARS Foothills Amateur Radio Society

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

NCDXC Northern California DX Club

meets 2nd Friday 7:30pm each month,
 repeater for member info 147.360, Thur 8:00PM
 contact: <http://ncdxc.org/> or Mike Gavin W6WZ, (650) 851 8699

NorCalQRP Northern California QRP Club

meets 1st Sunday each month
 contact: <http://www.norcalqrp.org/>

SPECS Southern Peninsula Emergency Communication System

meets each Monday 8:00pm on Net 145.27, 440.80 MHz
 contact: <http://specsnet.org/> or Tom Cascone, KF6LWZ, 650-688-0441

SCARES South County Amateur Radio Emergency Service

meets 3rd Thursday 7:30pm each month, San Carlos City Hall.
 Net is on 146.445 [PL 114.8] & 444.50 (PL-100) 7:30 Monday evenings.
 contact: <http://k6mpn.org/>

SCCARA Santa Clara County Amateur Radio Association

Operates W6UU & W6UU/R, repeater 146.985-pl
 Nets: 2m, 7:30pm Mon; 70cm, 442.425+ (pl 107.2) Thur.
 meets 2nd Mon each month @ 7:30 PM.
 contact: <http://www.qsl.net/sccara/> or 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: <http://www.svecs.net/> or 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: <http://wvara.org/>, Bill Ashby N6FFC, 408-267-3118, N6FFC@Juno.com, or
 N6FFC@ARRL.NET

DISASTER SERVICES

American Red Cross, PALO ALTO AREA CHAPTER

400 Mitchell Lane
 Meets 3rd Wed. each month 7:30PM
 HF, packet, BBS, ATV, OSCAR Gateway, NASA satellite.
 contact: <http://paarc.org/> or Mac Millian 650-688-0423. *MACM@paarc.org*

American Red Cross, SANTA CLARA VALLEY CHAPTER

contact: <http://santaclaravalley.redcross.org/> or Scott Hensley KB6UOO, (408) 967 7924
 fhensley@Novell.com

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

PAARAgaphs E-mail address: k6uro@arrl.net

Submit material for PAARAgaphs by the 15th

Text: WORD, MS Publisher, RTF, or ASCII

Photos: JPEG, PNG, or TIFF raster images

Diagrams and ads: AI, EMF, or EPS vector files

PAARA Web/WAP site: www.paara.org

Palo Alto Amateur Radio Association, Inc.

PO Box 911 Menlo Park, CA 94026

Club Officers

| | | |
|----------------------|--|--------------|
| President | Terry Finn, AF6TF | 650-366-9111 |
| | terry@incognitoservices.com | |
| Vice President | Peter Sheerin, K6WEB | 415-298-7383 |
| | k6web@arrl.net | |
| Secretary | Adrianus Schrauwen, W6AJS | 650-494-6256 |
| | hagenees@att.net | |
| Treasurer | Ron Chester, W6AZ | 408-243 2221 |
| | ron@taxhelp.com | |
| Past President | Andreas Junge, N6NU | 650-233-0843 |
| | n6nu@arrl.net | |
| Director ('05) | Gerry Tucker, N6NV | 650-326 4908 |
| | gerry_tucker@juno.com | |
| Director ('05) | Rolf Klibo, N6NFI | 650-856-2748 |
| | klibo@earthlink.net | |
| Director ('05) | Bob Korte, KD6KYT | 650-595 1842 |
| | rgk4u@aol.com | |
| Director ('06) | Kristen McIntyre, K6WX | |
| | kristen@alum.mit.edu | |

See the calendar for Board meeting times. **Visitors are welcome.**

Appointed Positions

| | | |
|--------------------------------|--|--------------|
| Membership | Vic Black, AB8SO | 650-366 0636 |
| | ab6so@smrn.com | |
| Membership | Lisa Rice, KG6KQS | 650-851-2274 |
| | lisa.rice@sbcglobal.net | |
| Chaplin | Rev. Rick Line, KG6TMD | 650 323 8544 |
| | kg6tmd@arrl.net | |
| Station Trustee | Gerry Tucker, N6NV | |
| Property Manager | Gerry Tucker, N6NV | |
| Badge Coordinator | Doug Teter, KG6LWE | 650-367-6200 |
| | dteter@wewi.com | |
| Sign Maker | Steve Brune, KG6OUB | 650-740-4367 |
| | stevebrune@sbcglobal.net | |
| Raffle Coordinator | Jim Rice, K6AK | 650-851-2274 |
| Ticket Master | Kyle Rice, KG6MSK | |
| Ticket Master Assistant | Ian Brune, K6IAN | |
| Advertising | Terry Finn, AF6TF | 650-366-9111 |
| Field Day Coordinator | Gerry Tucker, N6NV | |
| FD Logistics Coordinator | Steve Brune, KG6OUB | 650-740-4367 |
| ASVARO Rep | Howard Takaoka, KG6GRO | 650-856-9761 |
| | htakaoka@excite.com | |
| Webmaster | Peter Sheerin, K6WEB | 415-298-7383 |

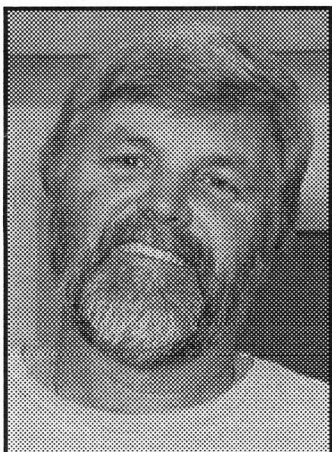
PAARAgaphs Staff

| | | |
|---------------------------|--|--------------|
| Editor | Wally Porter, K6URO | 650-494 7038 |
| | k6uro@arrl.net | |
| Database | Lisa Rice, KG6KQS | 650-851-2274 |
| | lisa.rice@sbcglobal.net | |
| Photography | Steve Brune, KG6OUB | 650-740-4367 |
| | stevebrune@sbcglobal.net | |
| Additional pictures | Dick Kors, KM6EP | |
| | John Larribeau, KR6MR | |
| | Wally Porter, K6URO | |

Columnists

| | | |
|----------------------------|--|--------------|
| News | Anyone? | |
| Member Profiles | Terry Finn, AF6TF | 650-366-9111 |
| | terry@incognitoservices.com | |
| Technical Tips | Vic Black, AB6SO | 650-366 0636 |
| | ab6so@smrn.com | |
| Good Old Stuff | Andy Korsak, KR6DD | |
| | kr6dd@arrl.net | |
| The Satellite Beacon | Emily Clarke, W0EEC | |
| | w0eec@arrl.net | |

PAARAgaphs—February 2005
Celebrating 68 years as an *active* ham radio club—Since 1937



DAVE ROGERS. K5DKR. MEMORIAL.

PAARA was very well represented at the memorial services held on Tuesday, November 16 at the Menlo Park Presbyterian Church and the visitation held the evening before, at the Redwood Chapel on Woodside Road in Redwood City. Every PAARA member who knew Dave and could come to the memorial events was there to share the shock and grief of losing our friend and fellow ham, so suddenly on November 8th. Good bye Dave. We love you and will miss you.

We would like to thank those PAARA members who worked so well together informing the membership of this tragic loss and providing the assistance they gave to the Roger's family and to many PAARA members who attended the services. One of our PAARA members actually made small black stickers with 'K5DKR' printed on them that could be attached to the PAARA name badges which were displayed by the attendees at the memorial events. Several PAARA members spent a lot of time greeting & socializing with

our grieving members at both events, and they are to be commended for their actions. PAARA purchased a large living plant that was displayed at the events and it was appropriately marked: "73. K5DKR. PAARA."

Dave's employer, the Sequoia Union High School District has established a fund to assist with the future educational expenses of his son Danny. PAARA has volunteered to accept money donations from our membership for this fund and present it to Dave's boss, Carolyn Schuster, at the District Offices as soon as we have received all of the donations. This fund has been established at the Redwood City Sequoia School Employees Credit Union, 755 Brewster Ave, P.O. Box 5413, Redwood City, CA 94063. Any donations or checks should be marked as: **Dave Roger's Memorial**—

Daniel Rogers. For our purposes, please make out your check to PAARA with a notation that it is for the Daniel Rogers Fund, so we can separate it from the other monies that PAARA receives.

Please be aware that we have already received a number of money donations from PAARA members for this memorial fund. Several cash donations have been generous, however, one of the checks from a PAARA member is \$1,000.00.. (one thousand dollars). We would like to present the donation to the fund in March 05, so please give what you can so this can be a worthy PAARA event. Checks made out to PAARA (marked with the Daniel Rogers notation) can be given to the PAARA Treasurer or Secretary. Thank you.

~Terry Finn. AF6TF.



Congratulations: Jan. 7th 2005 Raffle Prize Winners

- 1st Prize: George Choi AB8PQ/ Icom IC-2100H 2m/50W/Mobile Rig
- 2nd Prize: Andy Korsak KR6DD / Garmin Fortrex 101/ Wrist Mount/ GPS Receiver
- 3rd Prize: Jim Touchstone KD6WJM/ Grundig FR200 AM/FM/SW Emer. Radio
- 4th Prize: Scott Bicknell AC7ZZ/ 1-year subscription to World Radio
- 5th Prize: Dave Cooper KE6PFF/ CQ Amateur Radio Calendar
- 6th Prize: Carl Costa W6KGO/ ARRL 04/05 Repeater Directory
- 7th Prize: Andreas Junge N6NU/ Northern California Repeater Directory
- 8th Prize: Rick Line KG6TMD/ Suction-Cup BNC Mount Cable

PAARA Members and Visitors:

THANK YOU FOR YOUR SUPPORT of the exciting monthly raffles!

Since Feb. 03, **59 Radios**, including

YAESU FT-847

ICOM 706 MK IIG

and

TWO Elecraft KX1's

have gone to Fellow Hams,

THANKS TO YOU!

PAARA is having a remarkable year in 2005! If you aren't a member, please join PAARA now, and experience fun 2005 events with the "friendliest club around."

~K6AK Jim

PAARAgaphs—February 2005
Celebrating 68 years as an active ham radio club—Since 1937

PAARA Membership Form

2005

Please print

Name: _____ Call: _____ (change from last roster)

Class: E A G T+ T N (change from last roster)

Address: _____ Licensed since (yr): _____

License Expiration Date: _____

City: _____ State: _____ Zip: _____ - _____

Telephone (____) _____

New Member (primary) Renewal (primary) I am a **ARRL** member (Expiration date _____)

New Member (family) Renewal (family) I am a **ARRL** member (Expiration date _____)

e-mail: _____ Packet: _____

I am interested in receiving PAARAgaphs by e-mail.

For family memberships (at the same address), fill out a separate form for each. Indicate the "primary member for mailing purposes.

Annual membership dues are payable at the first of the year and expire the following December 31.

New members joining on or after July 1, pay half the dues.

Annual Membership dues: \$18 Individual (primary) **Total Indv + Family =\$** _____

\$ 6 Family Member (each)

Give check (include your call) to the **Treasurer** at any meeting or mail to:

PAARA, Membership
P.O. Box 911
Menlo Park, CA 94026

PAARA Membership Form

2005

Please print

Name: _____ Call: _____ (change from last roster)

Class: E A G T+ T N (change from last roster)

Address: _____ Licensed since (yr): _____

License Expiration Date: _____

City: _____ State: _____ Zip: _____ - _____

Telephone (____) _____

New Member (primary) Renewal (primary) I am a **ARRL** member (Expiration date _____)

New Member (family) Renewal (family) I am a **ARRL** member (Expiration date _____)

e-mail: _____ Packet: _____

I am interested in receiving PAARAgaphs by e-mail.

For family memberships (at the same address), fill out a separate form for each. Indicate the "primary member for mailing purposes.

Annual membership dues are payable at the first of the year and expire the following December 31.

New members joining on or after July 1, pay half the dues.

Annual Membership dues: \$18 Individual (primary) **Total Indv + Family =\$** _____

\$ 6 Family Member (each)

Give check (include your call) to the **Treasurer** at any meeting or mail to:

PAARA, Membership
P.O. Box 911
Menlo Park, CA 94026

PAARAgaphs—February 2005
 Celebrating 68 years as an *active* ham radio club—*Since 1937*

PAARA Feb. 4th Meeting and Raffle

PAARA “The Friendliest Club Around”

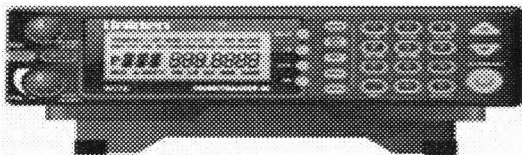
Palo Alto Amateur Radio Association, Inc. www.paara.org

Date and Time: Friday, February 4th, at 7:30 p.m.

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

Welcome Members and Visitors / Raffle Prizes:

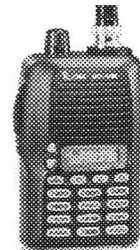
FIRST PRIZE: Uniden BearTracker BCT8 Scanner



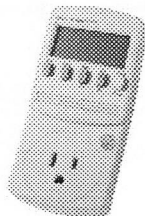
AC-DC, Monitor: Highway Patrol / Police / Fire / NOAA Weather
 Frequency Range: 25-54 MHz: CB / 10m Ham / VHF Low / 6m Ham
 108-174 MHz: AM Aircraft / Military Mobile / 2m Ham / VHF High
 400-512 MHz: Govt. Mobile / 70 cm Ham / UHF Std. / UHF “T”
 806-956 MHz: Public Service Band

SECOND PRIZE: Icom IC-V8 / 2m / 5.5W / HT

107 Total Memory Channels
 Backlit Alphanumeric LCD
 Fast Scanning - 40 Channels Per Second
 Drop-in Charger Included
 Optional PC Programming



THIRD PRIZE: Kill A Watt



AC Electricity Usage Monitor

Displays: Volts, Current, Watts, Frequency, Power Factor, and VA.

After power is applied accumulates KWH and powered duration time (hours).

Press the money button all of the factors are figured, and the results are displayed.

FOURTH PRIZE: ARRL 2005 HANDBOOK with fully searchable-book on CD

FIFTH PRIZE: Ultimate DX World Map, Laminated, 24”x 36”

**SIXTH thru EIGHT PRIZE: DX World Atlas, CQ 2005/2006 Amateur Radio Calendar,
 1-year subscription to World Radio**

Since February 2003,

**59 Radios, including a YAESU FT-847, an ICOM 706 MK IIG, and Two
 Elecraft KX1’s have gone to Fellow Hams.**

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!

Contact Kyle:

KG6MSK and Ian, K6IAN, “Two of PAARA’s youngest members” for tickets at the meeting.

Special Thanks to Bob, Howard, Mark, Rick, and everyone at HRO
 for their continued SUPPORT!

~K6AK Jim

PAARAgaphs—February 2005
 Celebrating 68 years as an *active* ham radio club—*Since 1937*



THE SATELLITE BEACON

A monthly article presented by the Project OSCAR Amateur Radio Club
This Month's Topic – Kids and Amateur Satellites
 By Arundathie (Aruni) Kumari Perera VE4WMK – Project OSCAR Team Member

[*Ed. Note: At age 11, Aruni is the youngest member of the Project OSCAR team. She lives in Winnipeg, MB and attends the 6th grade. Her Dad, Kumara Perera VE4WKP is also a Project OSCAR member and active on Amateur Satellites.*]

Amateur radio is a wonderful hobby with no age limit. It is not only a "fun" hobby but also a hobby with great benefits for our school studies such as science, math and social studies, as well as for our day-to-day life. Amateur satellite communication is the most fascinating and technically challenging part of this hobby in the modern world.

What are these Amateur Satellites or "birds" (the pet name for Amateur satellites)? What we can learn from this as school children if we become young Amateur satellite operators?

Understanding the basics of Amateur satellites is very beneficial for us as school children. Amateur satellites are built on the ground by Radio Amateurs and sent into space around the earth by powerful rockets. They carry transmitters and receivers to communicate with Radio Amateurs on the ground helping them to exchange radio contacts from long distances covering large ground areas. Their paths or "orbits" around the earth are about 400 Km to 2000 Km high above the earth. They travel on these "orbits" at a speed of about 28,500 Km per hour. Such speed keeps satellites from falling back to earth due to gravity. This is a very important principle of physics in science we learn in our later grades.

We learn how to send radio signals to these moving satellites by tracking or following their paths accurately while they travel above our ground stations. There are computer "satellite tracking programs" to help predict these paths for us. We can learn some interesting geographical terms such as Horizon, Azimuth, Elevation, Latitude, Longitude, which are related to these computer programs. We also learn about the earth's time zones when we learn how to convert our local time to the Universal time UTC (Universal Time Coordinate).

To know the exact angle the satellite entering from our "Horizon", we must learn how to measure various angles. We learn how the "Compass" works and how to find the "Azimuth" or the geographical angle of the satellite's path using the Compass. Elevation is also an angle we should understand to locate these "birds". These are good homework for our math studies.

We satellite operators, exchange contacts through these satellites using base stations, mobile stations with equipment mounted in cars or even like

myself operate with inexpensive portable transceivers and handheld antennas. When we use our radio equipment and portable antennas for satellite communication, we learn the basics of modern communication equipment and radio transmission principles. It's a great opportunity for us to learn how to program the various functions such as transmit and receive frequencies, tones, transmit power levels etc in modern transceivers. We also learn how to care about our basic electronic equipment and how to maintain their rechargeable batteries.

As satellite operators, we follow certain routines in order to share this fun with other operators. Since these satellites travel above our stations only for about 15 minutes, we learn to be patient to make a contact with a station in order not to interfere with on going communications. We also learn to follow the "Golden rule" - not to send transmissions to the satellite until we hear other stations. This is to make sure our receiving setup is working properly before we transmit. These are good manners and disciplines that are even useful to our daily life.

We also learn to keep records of all the satellite contacts we make to exchange official "QSL cards" to confirm our contacts. These records includes all necessary details about these contacts including date, time, station call signs, grid locations, frequencies, equipment, antennas etc. These records can be used to apply for various satellite communication awards. Recently I won my first such award of "Oscar Satellite Communication Achievement Award" for the satellite contacts I made through 20 individual US states including 3 Canadian provinces. This is one of the things we earn from Amateur Satellite operations that we can be proud of when we grow up. Since I started keeping records of my satellite contacts, I also started maintaining a record about the history of my daily activities before I go to bed. This is a good example of a great habit, which I learned from being a Radio Amateur.

I hope many more kids join with this exciting hobby, benefit from the experience, which will help to build their future successfully.

Hear you on the "birds" soon!

~73, Aruni

Thanks to Project OSCAR member Aruni Perera VE4WMK for her report. Aruni is 11 years old and lives in Winnipeg Manitoba. She is the youngest member of Project OSCAR, and we thank her for contributing her thoughts on how amateur satellites benefit education among the worlds young people.

Ed Note - Aruni and her family are originally from Sri Lanka, where her relatives and family friends were impacted by the tragic devastation to both the communities and environment there. We are sure you have made contributions to relief agencies by this time, but we also ask for your best regards for the health and welfare of the survivors. You do not have to include this in your newsletter, but if you do please include regards for people impacted by tragic devastations in Utah, California and Arkansas who have suffered weather related problems in recent days.

~73, Emily

A SIMPLE TEST

- 1.Name the five wealthiest people in the world.
- 2.Name the last five Heisman trophy winners.
- 3.Name the last five winners of the Miss America contest.
- 4.Name ten people who have won the Nobel or Pulitzer Prize.
- 5.Name the last half dozen Academy Award winners for best actor and actress.
- 6.Name the last decade's worth of World Series winners.

How did you do? The point is none of us remembers the headliners of yesterday. These are no second-raters. They are the best in their fields.

But the applause dies. Awards tarnish. Achievements are forgotten. Accolades and certificates are buried with their owners.

Here's another quiz. See how you do on this one:

- 1.List a few teachers who aided your journey through school.
- 2.Name three friends who have helped you through a difficult time.
- 3.Name five people who have taught you something worthwhile.
- 4.Think of a few people who have made you feel appreciated and special.
- 5.Think of five people you enjoy spending time with.
- 6.Name half a dozen heroes whose stories have inspired you.

Easier? The lesson? The people who make a difference in your life are not the ones with the most credentials, the most money, or the most awards. They are the ones who care.

~From Ian C. Purdie VK2TIP

Here are two upcoming public safety events for this month:

RED CROSS EMERGENCY PREPAREDNESS FAIRE

All are welcome: Be prepared for any disaster: home, work, school ...

WHEN: Sat., Jan. 22 10am-3pm

WHERE: Los Altos Methodist Church (655 Magdalena Ave.)

Details: www.paarc.org

Sponsored by the Palo Alto Red Cross, Los Altos, LAH & Stanford Blood-bank.

ONE DAY HAM "CRAM" COURSE:

Get your radio license as a resource when the phone lines are down.

WHEN: Sat., Jan. 29, 8am-5pm

WHERE: College of San Mateo

FEE: \$25.00

REGISTER: wb6zbu@arrl.net

QUESTIONS: Ross Peterson: 650-349-5349; wb6zbu@arrl.net

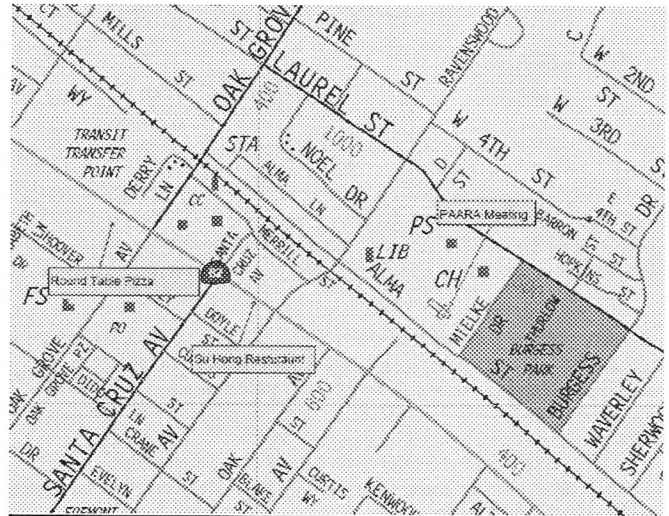
Details: www.k6mpn.org

PAARAgraphs—February 2005
 Celebrating 68 years as an *active* ham radio club—*Since 1937*

PAARA is soliciting donations of equipment for our annual Field Day emergency-preparedness exercise. PAARA is a 501 (c) (4) tax-exempt club, and will either use donated equipment directly, or sell it to raise funds if it's not quite something we can use.

- A replacement for our 1952 30-foot travel trailer, which has been attacked by rust and termites.
- 10'×10' or 10'×20' E-ZUP or MASTERTENT shelters.
- Five or six roughly identical, reasonably rugged laptop computers, just fast enough to run Windows XP.
- Folding chairs and tables for operating stations.

Donations are not tax deductible, but larger donations will garner you a company logo emblazoned on one or more of our trailers, tents, or other equipment.



PAARA Web/WAP site

<http://paara.org/>

Directions to PAARA meeting:

<http://paara.org/meetings/>



PAARA BADGES

To order one, contact our Badge Coordinator:

Doug Teter, KG6LWE
dteter@wewi.com

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 Rec Center, 700 Alma Street, Menlo Park, CA.

Radio NET & Swap Session every Monday evening, at 8:30pm, on the 145.230 –600 MHz repeater, PL tone off.

Membership in PAARA is \$18.00 per calendar year, which includes one subscription to PAARAgraphs \$6 for each additional family member (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.

PAARA Radio NET

and Swap Session
 every Monday evening
 8:30pm local time

on the
145.230 –600 MHz repeater
PL tone off

control operators:

| Week | Operator |
|----------------------|----------------------|
| 1 st Mon. | Pink Foster, KG6ILA |
| 2 nd Mon. | Peter Sheerin, K6WEB |
| 3 rd Mon. | Peter Sheerin, K6WEB |
| 4 th Mon. | Bill Rausch, AA6PA |
| 5 th Mon. | Volunteer! |

Join us for pre-meeting eyeball

QSO
February 4th
gab & gobble

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 food order.

6 pm—at Su Hong Restaurant
1039 El Camino Real
Menlo Park

across from Kepler's Book Store
on El Camino Real
Walking distance from Caltrain!

