

K6YQT

PAARA NEWSLETTER  
VOLUME 53 NUMBER 5, May 2004

W6OTX



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



## CALENDAR

- |             |  |
|-------------|--|
| May.....7   | <b>PAARA Meeting</b> , 7:30<br>Menlo Park Recreation Center<br>700 Alma Street, Menlo Park |
| May.....12  | <b>PAARA Board Meeting</b> , 7:30<br>Red Cross Bld., 400 Mitchell Ln., Palo Alto           |
| June.....4  | <b>PAARA Meeting</b> , 7:30  |
| June.....9  | <b>PAARA Board Meeting</b> , 7:30  |
| July.....9  | <b>PAARA Meeting</b> , 7:30  |
| July.....14 | <b>PAARA Board Meeting</b> , 7:30  |



## PROGRAM

May 7, 2004 7:30 P.

Speaker:

Andrew Gonzales, KG6RWO  
NASA/AMES

### "MARS ROCKET PLANE: *From* SCIENCE FICTION TO REALITY"

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



## Technical Tip

### DX Operations

By Vic Black AB6SO

Here's a quick tip to help you maximize your DX operating pleasure. Go to the web site for Announced DX Operations at <http://www.ng3k.com/Misc/adxoe.html>. You'll find announcements for planned and current DXpeditions with start and end dates, countries or DXCC entities, call-signs and further information, including web sites specific to each DXpedition. Historic information goes back 10 years with QSL route information for many expeditions. There are also links to other sites including expeditions planned to coincide with contests. I print a copy each month and keep it with my mobile log book. A quick referral to the print out tells me planned modes and bands available as well as new countries to look for.

PAARA has a new web site. Check it out.

[www.paara.org](http://www.paara.org)

Peter Sheerin, K6WEB.....Webmaster  
K6WEB@arrl.net

## MARS ROCKET PLANE: FROM SCIENCE FICTION TO REALITY

Take a journey with NASA/AMES/ Andrew Gonzales, KG6RWO, planetary aircraft technology development program member. View full screen pictures of earth-based flight demonstrations and Mars photos. Learn about the Mars atmospheric conditions, and the difficulties of the design process. Other topics will include: communications, and propulsion subsystems, autonomous systems, control, structures, stowage and deployment. Andy will lead us on an unforgettable journey to Mars. Please do not miss this special opportunity!

~K6AK Jim

## Miscellaneous

### ELECTRONIC FLEA MARKET @ Foothill College

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:

- May 8 South Peninsula Amateur Radio Klub.
- June 12 Santa Clara County Amateur Radio Association.
- July 10 Southern Peninsula Emergency Communications System.
- 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.k6ya.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](http://www.specsnet.org)  
 contact: Tom Cascone, KF6LWZ, 650-688-0441 .[specs@svpal.org](mailto: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 WGUU & WGUUR, repeater 146.985-PL  
 Nets: 2m: 7:30 Mon; 70cm, 442.425+ (pl 107.2) Thur.  
 Web site [www.qsl.net/scara](http://www.qsl.net/scara)  
 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 N6IFC, 408-267-3118 or  
[N6IFC@Juno.com](mailto:N6IFC@Juno.com) or [N6IFC@ARRL.NET](mailto:N6IFC@ARRL.NET)

### Perham Foundation (discontinued)

### Disaster Services

#### PALO ALTO CHAPTER, American Red Cross, [www.paarc.org](http://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](mailto:MACM@paarc.org)

#### SAN JOSE CHAPTER, American Red Cross

contact: Scott Hensley KB6UOO, (408) 967 7924. [FSHENSLEY@NOVELL.COM](mailto: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 PAARAGraphs editor: [k6uro@arrl.net](mailto:k6uro@arrl.net))



### Palo Alto Amateur Radio Association, Inc.

#### PO Box 911

#### Menlo Park, CA 94026

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	<a href="mailto:ron@taxhelp.com">ron@taxhelp.com</a>	
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Raffle.....	Jim Rice, K6AK .....	650-851-2274
Ticket Master.....	Kyle Rice, KG6MSK .....	
Ticket Master assistant, Ian Brune, K6IAN .....		
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Field Day Coordinator.....	Gerry Tucker, N6NV .....	650-326 4908
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Webmaster .....	Peter Sheerin, K6WEB .....	
	<a href="mailto:K6WEB@arrl.net">K6WEB@arrl.net</a>	

### Board of Directors

Gerry Tucker, N6NV .....

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Rolf Klibo, N6NFI .....

[klibo@earthlink.net](mailto:klibo@earthlink.net)

Adrianus Schrauwen, W6AJS .....

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Bob Korte, KD6KYT .....

[rgk4u@aol.com](mailto:rgk4u@aol.com)

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

### PAARAGraphs Staff

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Dick Kors, KM6EP, John Larribeau KR6MR, Wally Porter K6URO

**PAARAGraphs e-mail address: [k6uro@arrl.net](mailto:k6uro@arrl.net)**

Submit material for PAARAGraphs 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](http://www.paara.org)

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



## PAARA HONORS

### PATRICK GORMLEY.

### KB6HZM.

by Terry Finn AF6TF

#### PATRICK GORMLEY. KB6HZM.

**Patrick Bernard Gormley** was born on April 22, 1943, in the small town of Ennis, Montana. Located in Madison County, just a few miles down the mountain from the County Seat, Virginia City, Ennis is now known as a summer tourist area which offers some of the finest river trout fly fishing anywhere in the west. The Madison River flows through this area and it is a really nice part of southwestern Montana. However, the winters in this region can be severe as even the earliest known inhabitants, the local Indians, would refuse to set up winter camps in the valley due to the cold, windy and miserable weather conditions.

Patrick attended elementary school in Ennis up to the sixth grade. His stepfather, Charles Cowan worked for the local school district and his mother, Helen, was a homemaker. Patrick's family moved to the big city of Bozeman, Montana, in 1955 where he attended Emerson Junior High School and then moved on to Butte, Montana for his freshman year of High School. The family moved to Anaconda, Montana, the home of the World's largest strip mine, where Patrick graduated from the Anaconda High School in 1961. It was during High School that Patrick became interested in radio and electronics and was fascinated by what he could hear at night on the radio by using his earphones. He ultimately qualified for his first amateur radio operators license in 1960 and was issued call sign: **KN7QHQ**, which he used for many years.

Patrick moved back to Bozeman to attend the State College (now known as Montana State University) in 1961. During the summer breaks, during the first two years at school, Patrick worked at Yellowstone National Park (south of Bozeman) at various jobs including dishwasher, busboy and truck driver. It was during this time that he became rather interested in another College student by the name of Kay Hoadeley. She was originally from Nebraska, but had elected to attend College in Bozeman. Patrick's interest in Kay became overwhelming and they were married on September 20, 1963. The costs of education and living soon forced Patrick to leave school and start work full time while Kay continued on with her education and ultimately earned her Bachelor of Education degree in 1965. During this time, Patrick worked as an appliance repair technician, specializing in washing machines and as an automotive repair and service technician at a local filling station.

Patrick had always wanted to work as a racecar driver or work in the electronics field, so in 1966 he and Kay moved to California. They ended up in Milpitas of all places where Patrick immediately found work as an electronic lab technician with a company known as Raychem. For three years he was responsible for inspecting the coax, wire and other cable products being manufactured there for compliance specifications before the product was shipped to the customer. He then

left for another company called Dalmo Victor and subsequently moved over to a company called Hewlett Packard where he was the special technician for spectrum analyzers being manufactured at their plant. His job was to make sure each unit was calibrated properly before shipment to the client.

In 1972, Patrick and Kay purchased a home in Redwood City as they were now raising two daughters and Patrick was spending more time as a technical writer for Hewlett Packard and other clients he had developed through his consulting business that he had on the side. During this time in his life, Patrick had continued with his interest in amateur radio and had established a small ham shack at home. He left Hewlett Packard in 1979 and took a position with CATEL (a cable television company) where he became the manager of the electronics and technical department. This company manufactured electronics devices to work in the cable TV industry. Since Patrick was adept at technical writing he soon became heavily involved with the production-engineering department as a technical writer and technician.

In 1981, while on an extensive road trip vacation with Kay through Utah, Wyoming and Montana, Patrick felt weak and tired. Upon their return home, the family Doctor diagnosed Patrick with MS (multiple sclerosis). Patrick describes this disease as: "the body's auto immune system turns on itself and destroys the nerve coverings. This short-circuits the body's control of everything. I have been lucky, it has not effected my head or brain yet, although I have lost control of all the rest of my body functions and can not move my arms or legs."

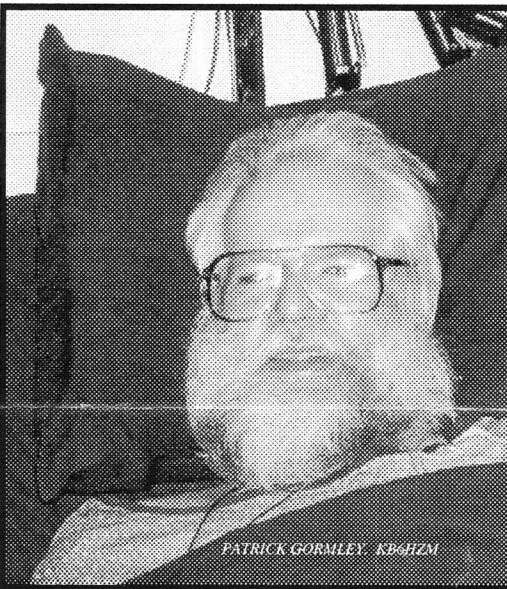
Patrick has been fighting this debilitating disease for over twenty years. During the first few years, he was able to get around on a wheel chair and in fact sat for and earned his Technician license and new call sign of **KB6HZM** in 1983. He later earned both his General and Extra class licenses. Patrick can remember several experiences while roaming around Redwood City in his wheel chair, which included people trying to sell him drugs and food stamps as they thought he was another street person. Over the years he

has had a number of bad experiences with his wheel chair wherein he fell over or fell out and fractured his right leg once and his left leg twice. It was those incidents that forced the medical professionals to restrict his wheel chair adventures.

Patrick can only move his left hand and a couple of fingers on that left hand now. Although he does have the equipment that allows him to transmit CW with a device that produces dits by blowing and dahs by sucking (known as a sip & puff switch), he is having trouble handling code exchanges now. PAARA member Kristen McIntyre, **K6WX**, came over and installed a dish parabolic microphone above Patrick's bed, which enables him to check in on the daily 9am talk net. Patrick is able to manipulate a device with his left fingers to control the radio. Some time ago, another PAARA member, Tom Scherf, **K6JBR**, installed the coax from his bedroom up onto the antennas on the roof. Other hams, **Joe & Mary** had assisted Patrick with a modified HF radio that he could use several years ago. Patrick recently donated that radio to the Sisters at Mission San Jose.

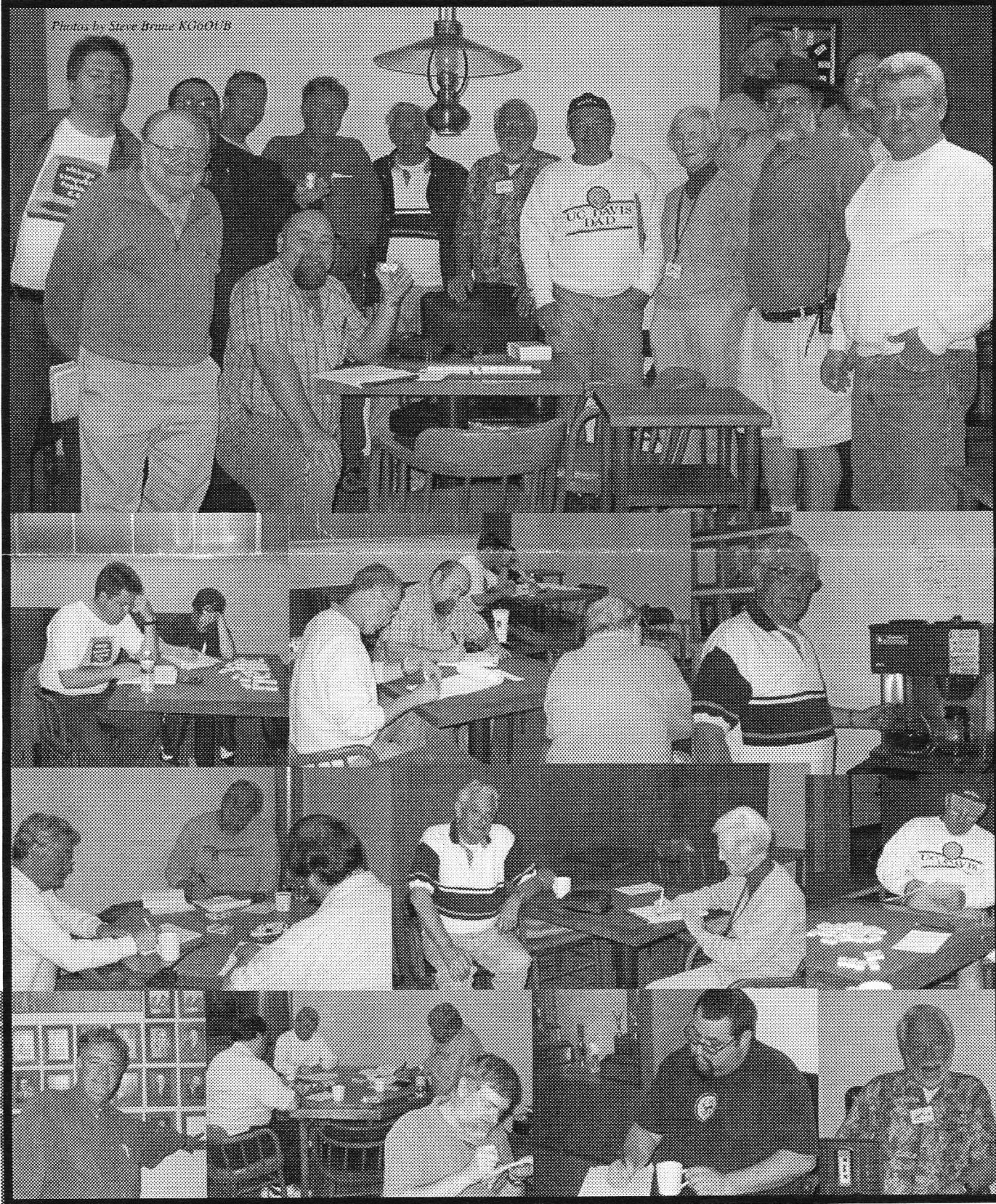
Patrick would like someone to give him some assistance with applying for a vanity call sign that he has always wanted to obtain. Please contact him directly. We wish Patrick all the very best in his continuing struggle with MS. And one final note, let us not forget Kay. Some people believe that she is a saint for putting up with Patrick all these years. In fact, over forty years! During this time, Kay and Patrick raised two daughters and now have four grandchildren. Kay has been a schoolteacher, bookkeeper, domestic engineer and healthcare provider. She still looks after Patrick and reads to him every day. PAARA thanks you Kay and wishes the both of you good luck.

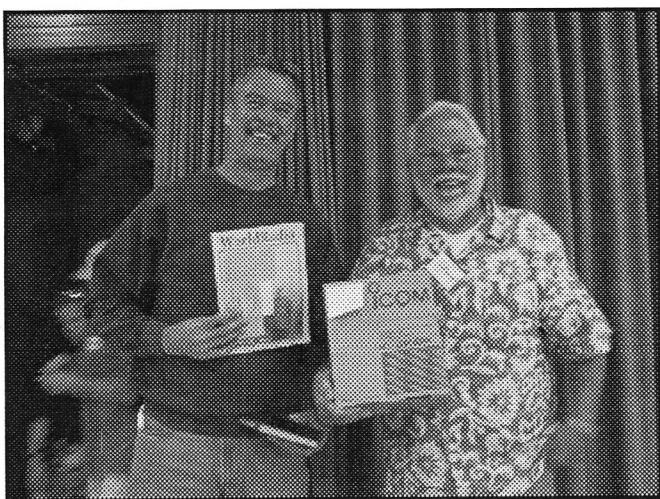
~Terry Finn. AF6TF.



## **PAARA CW CLASS 2004**

Photo by Steve Greene KG6QUP





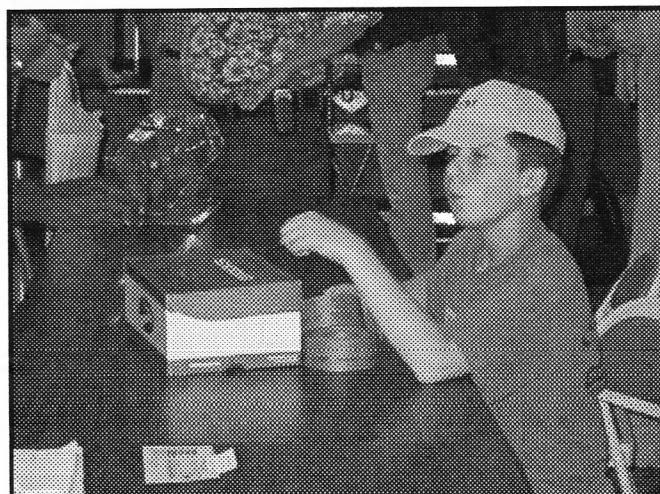
**Congratulations:  
PAARA Raffle Prize Winners / April  
2<sup>nd</sup> 2004**

**1<sup>st</sup> Prize:** Mike Gavin W6WZ / Icom IC-2100H 55W Mobile Rig  
**2<sup>nd</sup> Prize:** Bill Rausch AA6PA / Garmin eTrex GPS Receiver  
**3<sup>rd</sup> Prize:** Dan Ryan K6DJR / Grundig FR-200 Emergency Radio  
**4<sup>th</sup> Prize:** Leigh Klotz WA5ZNU / UHF Antenna  
**4<sup>th</sup> Prize:** Kristen McIntyre K6WX / Power Pole 10 pr. Connector Kit  
**Bonus:** Doug Teter KG6LWE / 1 Year Subscription to WORLDRAADIO  
**CQ Autographed Calendar:** Kristen McIntyre K6WX

**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!**

**PAARA is having a remarkable year in 2004, and YOU  
are responsible! If you aren't a member, please join  
PAARA and experience fun events with the friendliest  
club around.**

~K6AK Jim



**Field Day 2004 Prep**

The PAARA Saturday Task dates prior to field-day will be 9AM to noon, May 15, 22, 29, and June 5, & 19. Note that we will skip the second Saturday in June, which is Flea Market day! We need a hardy handful of FD addicts to volunteer a few hours of work to do such things as clean up the two trailers, repair towers, check out antennas, pump up the tires, prep the 5kW green generator, (run it for a half hour or so), and in general get our act together for another great Field Day on 25-27 June.

**Call me, N6NV,** (good in PAARAGraphs,), or contact me at a meeting or on the net. As a last desperation move check in with us just prior to 9AM on the Saturdays listed and we will see if we can tempt you with something.

~de N6NV

**SEPARATE STATEMENT OF**

**COMMISSIONER KATHLEEN Q. ABERNATHY**

Re: Carrier Current Systems, including Broadband over Power Line Systems; ET Docket No. 03-104; Amendment of Part 15 Regarding New Requirements and Measurement Guidelines for Access Broadband over Power Line Systems; ET Docket No. 04-35, Notice of Proposed Rulemaking

This Notice of Proposed Rulemaking on broadband over power line systems (BPL) is an important step forward in promoting the Commission's goal of facilitating the deployment of broadband services to all Americans. Moving toward commercial deployment of BPL systems also will further our goal of developing robust facilities-based competition. I want consumers to have a choice of multiple, facilities-based providers, such as cable, DSL, wireless, satellite, and to the extent possible, power line. We will not get there overnight, but the continuing development of BPL technology is a step in the right direction.

One of the key issues in this proceeding is the potential for harmful interference by BPL systems to licensed spectrum users. Based on the record, it is appropriate that we are proceeding cautiously. I support our tentative conclusion to craft technical rules that minimize the potential for harmful interference to existing licensees and also ensure that any instances of interference are quickly resolved. I look forward to reviewing the comments on these technical proposals and am hopeful that we will be able to develop rules that protect existing licensees from harmful interference, while enabling a promising new technology to move forward.

**NEED COAX?**

I have "LMR-240 coax for sale, \$.25 per foot,  
(about half price).

~Gerry, N6NV, 650-326-4908"

### SISTER JEAN, KG6UGO.

On Tuesday, March 23, 2004, several PAARA authorized VE group members traveled to Fremont to visit the Dominican Sisters of Mission San Jose. This was an event that had been planned weeks earlier through the efforts of PAARA members, **Sister Tony, KG6RVS** and **Stan Towle, WA6ZGI**.

This huge complex is home to a religious college and provides all the services and comforts of home for working and retired Sisters of the Order. The volunteer examiners enjoyed a great lunch in the staff cafeteria and then walked over to the campus library to conduct the FCC license testing of Sister Jean. Another PAARA member: **Carol Randall, W6GEM**, was also present to provide support during the luncheon.

The Sister passed the Technician exam and was issued call sign: **KG6UGO**. Both Sister Tony and Sister Jean then took the examiners over to yet another building on the campus where the amateur radio station is located. The ham shack is easily identified by the rather professional and colorful signs that were made and donated by yet another PAARA member, **Steve Brune, KG6OUB**.

PAARA would like to thank and congratulate the volunteer examiners for their efforts, not only in taking the time to travel and conduct the testing but for bringing in yet another active ham into the radio club. The VE's on this particular exam were: **Al Montoya, WB6IMX; Stan Towle, WA6ZGI, & Terry Finn, AF6TF**.

Please welcome Sister Tony into PAARA.

~Terry Finn. AF6TF.

### NEW MEMBER PROFILE.

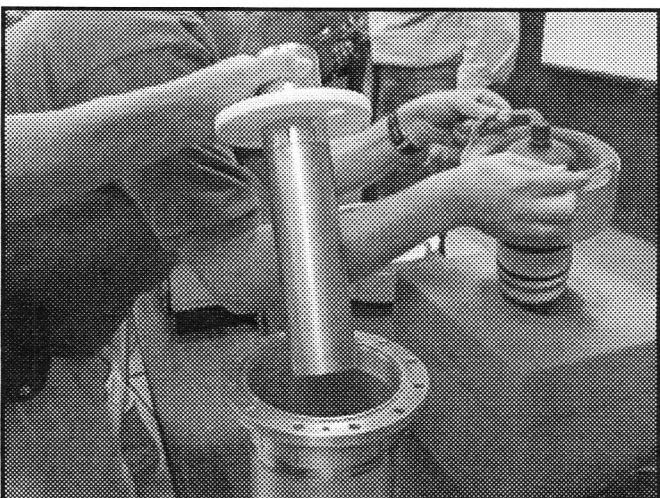
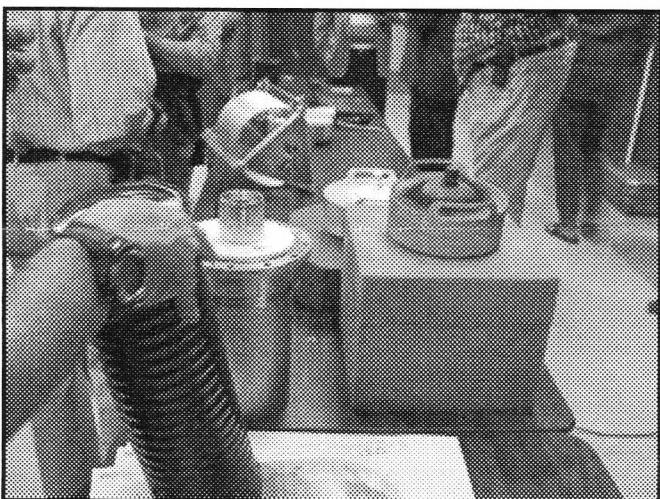
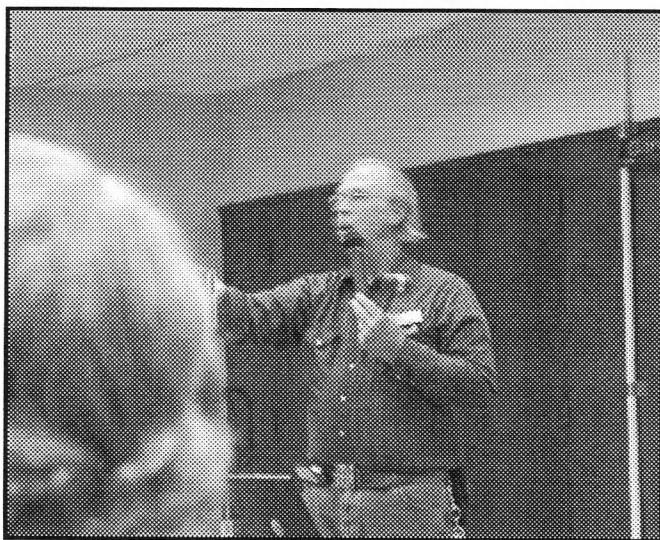
**Sister Jean, KG6UGO**, is a member of the Dominican Sisters of Mission San Jose, where she lives at the Mother House on the huge campus. She became a licensed amateur radio operator through the encouragement and assistance of PAARA members, **Sister Tony, KG6RVS, Stan Towle, WA6ZGI, Mike Gavin, W6WZ, Carol Randall, W6GEM** and several others.

Sister Jean is originally from Albany, CA. She graduated from U.C. Berkeley in 1961 with a degree in physical education with a secondary credential for teaching. She later earned an M.A. in Theology from the University of San Francisco in 1985. The Sister has been teaching math, religion, science and library arts in the junior high school system and at the Mission since 1968.

Her favorite web site is: [www.christianpoeticencouragement.com](http://www.christianpoeticencouragement.com) and her new activity is operating on the ham bands as a licensed amateur radio operator. Please welcome Sister Jean at our PAARA meetings and do not hesitate to speak with her if you hear her on the air.

~Terry Finn. AF6TF.

### APRIL 2ND meeting



*"In politics...never retreat, never retract...never admit a mistake." ~Napoleon*



## BOARD OF DIRECTORS MEETING.

The regular PAARA Board of Directors meeting was held on Wednesday, April 7, 2004 at the Red Cross offices in Palo Alto. The meeting was called to order at 1950 hours by Vice President Jim Rice, K6AK, as the President, Andreas Junge, N6NU was out of the Country on business.

In attendance was Secretary Terry Finn, AF6TF; Treasurer Ron Chester, W6AZ; Board members Gerry Tucker, N6NV; Rolf Klibo, N6NFI; Andrianus Schrauwen, W6AJS; Bob Korte, KD6KYT and PAARA members Steve Brune, KG6OUB; Dave Rogers, K5DKR; Howard Takaoka, KG6GRO; and Clark Murphy, KE6KXO.

The CW code class report was submitted by Terry Finn, AF6TF, who reported that fifteen students had signed up for the Tuesday and Thursday evening group training. The three instructors are Mike Gavin, W6WZ; Stan Towle, WA6ZGI and Terry Finn, AF6TF. (Who, by the way, are all authorized VE's & may provide the CW testing). They are using the Gordon West CW training tapes and will also use the special MFJ random code generating machine owned by PAARA for the advanced portion of the class. The sessions have been planned for four weeks through April, although the class may be extended for two weeks in May based on the students performance. PAARA wants more members to upgrade their current licenses and this is one of the easiest methods to do just that. The instructors are preparing a potential syllabus of other material for a radio station operations type of class later in the year.

Dave Rogers, K5DKR, gave the report on the status of PAARA name & call sign badges. As PAARA is accepting seven to twelve new members per month it has become much more important for people to wear their name badges for identification purposes at the meetings and other Club events. Dave has it down to a fine science as it only takes seven days from the time he submits the order until the recipient receives the badge in the mail. He has already processed over thirty name badges since he took over the position a couple of months ago.

Adrianus Schrauwen, W6AJS, has been providing assistance with the mailing labels for the PAARAGraphs newsletter and potential new membership mailings that are sent out by Vic Black, AB6SO, to all the new local people who have earned a license.

Gerry Tucker, N6NV, is preparing for Field Day in June and has established his committee of volunteers to assist in this massive three day operation. Please remember that PAARA won the Pacific Division contest last year by the skin of our teeth. Therefore, we need as many PAARA volunteers as possible to make this fun weekend event another huge success.

Howard Takaoka, KG6GRO, made a plea for assistance at the up coming PAARA sponsored Electronic Flea Market to be held next to the Blue Cube in Sunnyvale. As this was only the second flea market to be held at this new location, he was not sure of the numbers of attendees or club members who would be attending or available to assist. Howard did explain again how much work has gone into the planning of this event and how much money has been spent to date.

Jim Rice, K6AK, asked if the treasurer, Ron Chester, W6AZ, would meet with the Menlo Park Recreation people to re-affirm the PAARA position of utilizing the large room for the monthly meetings, rather than the small meeting room. In the past, these arrangements have been made and paid for on an annual basis, however there has been some trouble experienced recently with an employee of the Menlo Park Recreation Center and it needs to be addressed immediately.

Steve Brune, KG6OUB, was kind enough to manufacture new CD labels and copy a number of CD's that will be distributed at the code class to the students that officially sign up for the event. The information on the CD's was compiled and prepared by PAARA member, Al Montoya, WB6IMX. A contract was requested, provided and signed by Al, representing himself and Andreas Junge, N6NU and Terry Finn, AF6TF representing PAARA for the use of the training CD. Apparently, some of the information on the CD is considered proprietary and is copyrighted by WB6IMX. Therefore, no one is allowed to copy or use any of the material on the CD for any commercial purpose. Since PAARA has a contract with Al, and we are paying him \$2.00.. per CD & advising the students that they can not copy or sell the material on the CD.

Meeting was adjourned at 2130 hours.

~Terry Finn, AF6TF, PAARA Secretary

Join us for pre-meeting eyeball

**QSO**

**May 7th**  
**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—*

## PAARA BADGES

*to order one, pay membership coordinator*

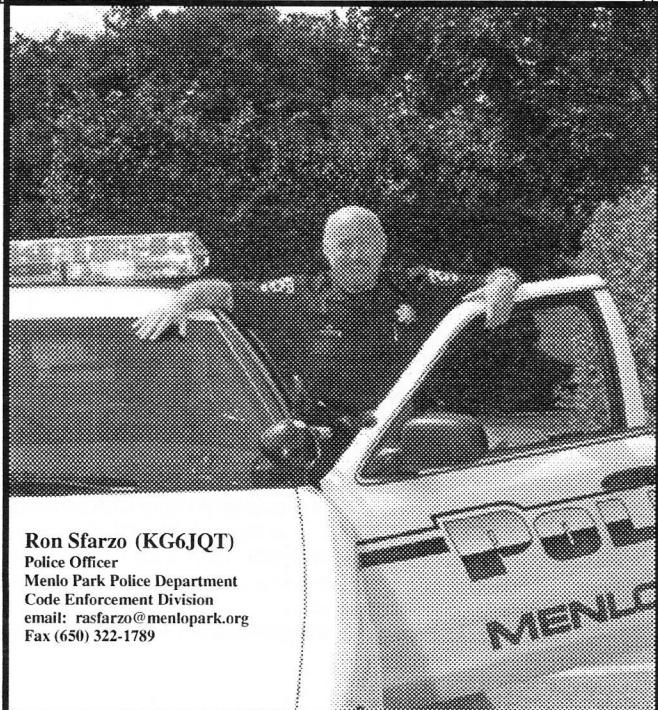
**Lisa Rice KG6KQS**

lisarice@earthlink.net  
*next meeting pick up from*

**Dave Rogers, K5DKR**

dkr55@bigfoot.com

*or contact at next PAARA meeting*



Ron Sfarzo (KG6JQT)  
 Police Officer  
 Menlo Park Police Department  
 Code Enforcement Division  
 email: rasfarzo@menlopark.org  
 Fax (650) 322-1789



## GOOD OLD STUFF from PAARAGRAPHS History

\*Andy Korsak, KR6DD

kr6dd@juno.com

### 30 years ago May 1974 VOL. XVIII No.5

Editor-in-Chief: Richard Ferranti WA6NCX [Now W6NIR, the former call of a silent key PAARA member, lives in San Carlos and works at SRI, Menlo Park. Rick spoke at PAARA a few years ago about his radar research while he was at MIT for many years.]

**POLICIES:** Membership includes subscription to PAARAGRAPHS (reason enough to join!). Annual dues are an el cheapo \$4.00. Subscription to PAARAGRAPHS is a mere \$1.00 a year. NO loot, NO PAARA-

GRAPHS!! Dues are on a calendar basis.

SEND all negotiables (Cash, cheques, silver dollars, pennies, wooden nickels, three-dollar bills, etc.) TO:

PAARA BOX 911 MENLO PARK, CALIFORNIA 94025

**OUR NEXT MEETING** is on the first Friday of the month, on May 3, 1974 at 7:30 PM in the Menlo Park Recreation Center near the library and the Police station.

Program: Lambert Dolphin, of the Radio Physics Lab at Stanford Research Institute, on a spark-gap sounder system ... uses pulses of very short duration for detection purposes [precursor of UBW?...]

The illimitable Board of Directors meets on Wednesday, May 8, 1974, at 7:30 PM in the *medieval* [italic mine – the old typewrites didn't have that!] W6OTX trailer in SRI's parking lot [back then there were no gates and guard houses].

**FLASH!!!! EDITOR QUILTS!!!!** – Yes, OM's and YL's ye olde harried editor will hang up the proverbial towel if more people don't get on the PAARA NET. We meet every Monday nite at 8:15 or so on 145.24Mhz plus or minus a little bit [many of us were "rock bound" back then], AM, of course. Do you want to see PAARAGRAPHS relegated to the scrapheap of mediocrity? (never mind about its present status!) [at least they did have parentheses back then]...

Ed Fairbanks tells us to all start practicing losing sleep for 1974 Field Day coming up. Being a student already qualifies ye editor.

Like to dabble in gambling – and still be a sure-fire winner? And have fun? How about running the raffle at out stimulating meetings? Don't be shy – volunteer ... [Jim K6AK and family, I'm sure all PAARA members appreciate your dedication to this cause these days.]

**THINK METRIC!!**—The metric system, being inevitable, as must be obvious by now, behoves us all to learn a few things. For instance:

--A miss is as good as 1.609 kilometers

--Take it with a decigram of salt

--28.350 grams of prevention are worth 453.59237 grams of cure

etc --de CHEWED RAG Feb. 74 [anybody recall what that was?]

#### A LETTER TO THE EDITOR AND TO PAARA

...It is time PAARA recognized the changing times. The ham world has jumped ahead of us and is rapidly leaving PAARA in a wake of backward obscurity. The same foot-dragging thinking existed in the 50's concerning the change from AM to SSB. Some of this thinking prevails in our club today.

... we are all aware that if amateurs were not public-service oriented they could not retain allocated frequencies. ... Hence we should change to FM ...

73's Jerry Starkey WA6LIJ

#### MORE MISC. ANNOUNCEMENTS

Remember our visit to the Stanford Big Dish in Aug 1972?? Remember how we drooled over such a wonderful xmtr location? Well, K6JTO and WB6KAP will use the Big Dish for 144 MHz moon-bounce tests! (per QST, April '74, pg. 85).

For you QRP and mobile fans (fiends?) the August 1973 QST (pg.46) .. dope on a 12 volt solid gel rechargeable small battery ... 2 1/2 X 6 X 4 inches (not centimeters!) de W6AIN

### 20 years ago May 1984 Vol.26

Cover picture: Paul Thekan N6FEG proudly holding up a war surplus "Pan Adaptor" at the Foothill flea market.

Membership in PAARA is \$6.00 ... (payable in January)

**REGULAR MEETING** Friday, May 4, 1984 THE USE OF AMATEUR RADIO BY GREENPEACE Richard Dillman, N6VS

[The President at the time was Dave Daniel KB6WP. The issue had a 2 1/2 page "President's Corner" article and nine pages of pictures of members and some flea market snapshots.]

#### PHOTOGRAPHS

One of the most active groups inside PAARA is Post 599, The Explorer Scout group. They meet on the second and fourth Fridays of each month at 7:30pm in a small building behind St. Thomas Aquinas R.C. Church, Homer and Waverly, Palo Alto, and the shack is accessible from Homer. At a recent Flea Market, Rob Taylor, KA6NAN, photographed most of the Post 599 members and sent the photographs to PAARAGRAPHS. [a list followed – details may become available TBD if someone can scan in all the old PAARAGRAPHS]

**UPCOMING ARRL ELECTION:** .. Rod Stafford, KB6ZV, is running for re-electin as Section Manager [SCV – if you recall, Rod later on rose all the way to ARRL "top dog" and is now W6ROD]... Rod is the first [SM] that your Editor recalls coming to the club meetings and developing a personal relationship ... [SM] involves much more than giving directions ... and basking in the glory of the organization's accomplishments ... taking responsibility ... Rod has made the effort to get to know us ...

[QUEMENT AD:] The Pro-Mark KWM-380 Special! NOW \$2995.00 Rockwell International

(Continued on page 57) Good old stuff

(Continued from page 56) *Good old stuff*

## 10 years ago May 1994 Volume 38

**PRESIDENT'S MESSAGE** [Lily Anne Hillis N6PGM] [Andy VE3FZK, now KR6DD, was the V.P. & program chairman]

**ATTENTION PAARA GANG.** This is the first issue of our new PAARAGraphs produced by Peter, KC6WCB, editor, and myself, N6PGM, publisher. We are quite excited about this adventure and we ask for your assistance. ... [NOTE: This was the first time PAARAGRAPHS appeared in the current 8.5x11 white paper format – previous to that all sorts of mimeographing, etc was done, until XEROX'ing came into use, and then finally a computerized publishing in this May '94 issue.]

### **PROFESSOR TWIGGS WILL BE OUR SPEAKER**

This month, we have Professor Twiggs from Stanford University's Satellite Systems Development Lab, giving us a talk on new ham satellite developments. See you there on Friday, May 6<sup>th</sup>, at 7:30 PM at the Menlo Park Recreation Center. Before the meeting, we will have dinner with our speaker. This is open to all. It will be at 6:00 PM at Su Hong, El Camino, off Ravenswood in Menlo Park. Talk in at 145.23(-) PL100 and 147.35/simplex. [we used to use 147.45 for PAARA nets till somebody suggested we QSY it to the "Stanford repeater"]

### **ONE MORE ROUND OF THANKS TO N6VFH**

From 1987 to 1994, PAARAGraphs was edited by Chuck Johnson, N6VFH. He did an outstanding job. What was largely a solo effort on his part will now have to be done by many....

**PAARA ELMER PROGRAM.** Hams that are interested in becoming instructors for the ELMER program should contact Koert Koelman KC6WCI...[on p.6 there was a list of elmers signed up so far]

### **Axioms from a DX old Timer**

*Rule 1.* The Science of DXing holds the answers to all the scientific questions of Amateur Radio.

*Rule 2.* Any amateur who does not believe Rule 1 is neither scientific nor a DXer.

*Rule 3.* Any evidence of intelligent operating in a DX contest is not scientifically sounds.

*Rule 4.* Any person who believes or supports any sign of evidence of intelligent operating in a DX contest is not a scientist.

*Rule 5.* DXers know for a fact that DXing matters is all that matter.

*Rule 6.* Anything which is not about DXing does not matter. –WA6AUD

### **LATEST COMPUTER VIRUSES**

*Ted Turner Virus:* Colorizes your monochrome monitor [etc]

*Elvis Virus:* Your computer gets fat, slow, and lazy – then self destructs [sounds more lie MS Windows upgrades nowadays] only to resurface at shopping malls and service stations across rural America.

[excerpt from ARRL Pacific Division May 1994 update by Brad Wyatt K6WR]

### **VANITY "PREFERRED" CALLSIGNS**

The ARRL Executive Committee adopted the recommendations of the Ad-Hoc committee of which I was one member. The basic outline for the Comments due to the FCC by the April 21 deadline, are as follows: All hams should be eligible to obtain preferred calls within the call sign blocks based on current license class (there are some exceptions). For example, this provision allows Extras to obtain 1X2 calls, but not Novices. ....

*(Does "Good Old Stuff" look interesting? If you would like more, contact Andy\* and offer to Scan, Copy, Edit, etc. It is too much for one person. ~ed.)*

---

## RICK LINE, KG6TMD. Our very own SKY PILOT.

I had the good fortune to meet Rick Line at an FAA pilots safety seminar in San Jose several months ago when PAARA member **Dan Curry, K6DLC**, and I attended to continue with our annual FAA Wings Program Safety training. As it turned out, Rick and I are both commercial pilots with various flight endorsements and an interest in radio communications. We all had a good time at the seminar and met for coffee later in Redwood City where we talked into the late night.

Dan had already been working on Rick in an attempt to have him take the Technician class exam, so with a little further encouragement from me and an opportunity to attend a PAARA meeting, Rick was on his way to the class and exam held at the College of San Mateo. This particular program is operated by **Ross Peterson, WB6ZBU**, who puts on a really good, day long program that graduates a lot of new amateur radio operators. Rick passed the exam with ease and was issued call sign KG6TMD, then he immediately joined PAARA.

Rick Line is originally from the west Texas area, where he graduated from the Odessa High School in 1971. He worked in the Texas oil fields for awhile then moved to Arlington, Texas to paint those huge water towers. In 1973, Rick joined the U.S. Air Force and was trained in the unique area of actual in-flight maintenance of electronic communication equipment which included HF, LF, VHF, UHF, AM, FM, FM multiplex, digital data and satellite communications. The Air Force jets that Rick flew on were basically a telephone station in the sky for command and control in the event of a nuclear attack. They were always in touch with Air Force One and had the ability to control fire power launches from other areas via remote control. Rick earned his BSc. degree in Industrial Education and Technology from Ball State University of Muncie, Indiana in 1978 while serving in the Air Force.

Rick moved to California in September 1979 after serving those years in the Air Force and earning his FAA commercial pilot's license. His first job was working in management for Sambo's Restaurant, then he was hired by the (IASC), the international air service company, which provided flight training for Japan Air Lines and other foreign commercial carriers. This company, located in Napa, had a sophisticated flight simulator and Rick was the training devices engineer and ultimately took over the avionics shop at this business through 1985.

After a stint as a professional salesman for a canvas awning company and a photocopier manufacturer, Rick was hired on as an instructor and assistant professor at the California Maritime Academy in Vallejo. Rick taught electrical engineering, electronics and comparative world religions. During this period of his life, Rick earned a Master's degree in Divinity from the American Baptist Seminary of the West in Berkeley and ultimately graduated in 1994.

In September of 1996, Rick left the Maritime Academy as he was asked to become the new Pastor at the First Baptist Church in Menlo Park located at 1100 Middle Ave (at the corner of Arbor Road) where he is today. In aviation circles, a qualified Minister, Pastor or Priest is known as a Sky Pilot.

I am not a religious person, so it is difficult for me to describe or debate issues involving these things. However, I must tell you that I have been impressed with Rick Line, his life experiences and knowledge. I feel very comfortable around Rick as he does not come on as a religious fanatic. He is just another good guy and fellow amateur radio operator. I would encourage anyone who has an interest to attend his First Baptist Church in Menlo Park. I would also ask that you take a moment to meet him and talk with him, especially on the air or at the PAARA meetings. We welcome **Rick Line, KG6TMD**.

~Terry Finn, AF6TF

# PAARA

May 7<sup>th</sup> Meeting and Raffle  
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**THIRD PRIZE: TWO Motorola Talkabout FRS Radios OR Hints & Kinks OR Antenna Compendium OR Sharp Wizard Organizer OR 12V Air Compressor**

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**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 May 7<sup>th</sup>  
Contact Kyle, KG6MSK and Ian, K6IAN, "Two of PAARA's youngest members" for tickets at the meeting.

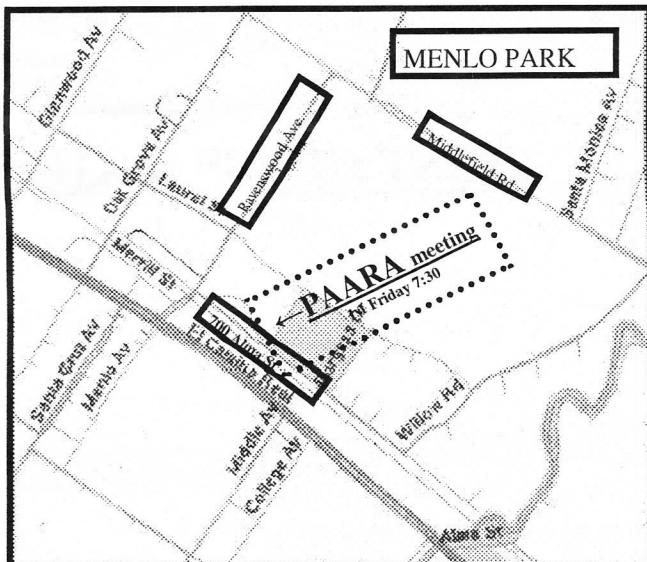
!

Since February 2003 35 Radios, including an ICOM 706 MK IIIG have gone to Fellow Hams,  
**THANKS TO YOU and the PAARA Raffle!**

**PAARA "The Friendliest Club Around"**

**PAARA Website: [www.paara.org](http://www.paara.org)**

Special Thanks to Howard and HRO for their continued SUPPORT!



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

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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 PAARAGraphs 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 PAARAGraphs, \$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

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# PAARAGraphs May 2004

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



# FIRST CLASS MAIL

## PROGRAM

May 7, 2004 7:30 P.

**Andrew Gonzales, KG6RWO**  
NASA/AMES

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From

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504 Lakemead Way  
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