

K6YQT

PAARA NEWSLETTER
VOLUME 52 NUMBER 12, December 2003

W6OTX



PAARAGraphs

Celebrating 66 years as an *active* ham radio club—*Since 1937*
Newsletter for the Palo Alto Amateur Radio Association, Inc.



CALENDAR

- December....5 **PAARA Meeting**, 7:30
Menlo Park Recreation Center
700 Alma Street, Menlo Park
- December...10 **PAARA Board Meeting**, 7:30
Red Cross Bld., 400 Mitchell Ln., Palo Alto
- January.....9 **PAARA Meeting**, 7:30
- January.....14 **PAARA Board Meeting**, 7:30
- February.....6 **PAARA Meeting**, 7:30
- February....11 **PAARA Board Meeting**, 7:30

The ARRL has a code practice:



PROGRAM

December 5, 2003 7:30 P.M.

"Show & Tell"

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 ELECTIONS

The nominating committee of the PAARA Board of Directors has selected the following Amateur Radio operators as candidates for the annual election. These folks are the capable ones who have agreed to run in the election and have a track record of providing excellent guidance for our Association. Nominations for others can be submitted from the floor during the election at the December meeting.

To serve through 2004:

President:	Andreas Junge	N6NU.
Vice President:	Jim Rice	K6AK.
Secretary:	Terry Finn	AF6TF.
Treasurer:	Bob Korte	KD6KYT.

To serve through 2005:

Director:	Vic Black	AB6SO.
Director:	Gerry Tucker	N6NV.
Director:	Ron Chester	W6AZ.
Director:	Rolf Klubo	N6NFI.

Continuing through 2004:

Director:	Adrianus Schrauwen	W6AJS.
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Respectfully submitted:

~Terry Finn, AF6TF, Secretary

December 5th Program:

"Show and Tell"

Icom IC-706MKIIG Raffle + Holiday Party

FUN! FUN! FUN!..... We want to see the project that has been sitting around gathering dust. Now is a good time to finish it so it won't be on your 2004 to-do list. Bring it in to share with us during "Show and Tell".

GRAND PRIZE IC-706MKIIG RAFFLE: It was just a DREAM last January, and now it is REALITY!

This is not Dayton Hamvention or Pacificon. This is PAARA's THANK YOU for supporting the PAARA raffle throughout 2003. PAARA's generous \$50 a month raffle donation + your monthly support has made this Spectacular Grand Prize Raffle possible! THANK YOU and best wishes to you and your family!

Come join us for a FUN and EXCITING evening with the Friendliest Club around! Visitors are always welcome.

~Jim, K6AK

Miscellaneous

ELECTRONIC FLEA MARKET @ Foothill College

Second Saturday of month, March -October, 6 AM-2PM
Perham Foundation Sponsorship has discontinued.

The Flea Market will continue under a new sponsor.

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
 contact: Tom Cascone, KF6LWZ, 650-688-0441 specs@sypal.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 146.385+(pl 114.8)
 Nets: 2m, 7:30 Mon; 70cm, 442.425+(pl 107.2) Thur.
 Web site www.qsl.net/scara
 meets 2nd Mon each month @ 7:30 PM.
 contact: Clark Murphy KE6KZO 408-262-9334
 ARRL/VEC license testing contact 408-243-8349

SVECS Silicon Valley Emergency Communications

Operates WB6ADZ 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. MAC@paarc.org

SAN JOSE CHAPTER, American Red Cross

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

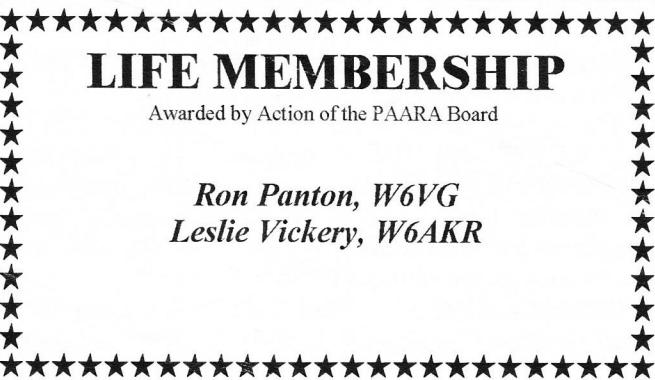
VE Exams, 3rd Saturday each month, 10:30AM, 145.23 - PL=100Hz

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 PAARAGraphs editor: k6uro@arrl.net)



LIFE MEMBERSHIP

Awarded by Action of the PAARA Board

Ron Panton, W6VG
 Leslie Vickery, W6AKR

Palo Alto Amateur Radio Association, Inc.

PO Box 911

Menlo Park, CA 94026

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Webmaster	Curt Kolovson, AE6EJ..... ae6ej@arrl.net

Board of Directors

Gerry Tucker, N6NV	(650) 326 4908	'03
Rolf Klibo, N6NFI	(650) 856 -2748	'03
Adrianus Schrauwen, W6AJS	(650) 494 -6256	'04
Ron Chester, W6AZ	(650) 243 2221	appointment ron@taxhelp.com

(see "Calendar" for Board meeting times, visitors welcome)

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PAARAGraphs e-mail address: k6uro@arrl.net

Submit material for PAARAGraphs by the 15th
 Use WORD, rich text, ascii, .pub, or .jpg, zip pictures as attachments.

PAARA Website: www.paara.org

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

PAARA WEB

Thanks to Andreas Junge, N6NU

and

Curt Kolovson, AE6EJ, Webmaster

PAARA has a new web site. Check it out.

www.paara.org



PAARA HONORS

ANDREAS JUNGE, N6NU
by Terry Finn AF6TF

MR. PRESIDENT OF PAARA.

ANDREAS JUNGE, N6NU, is the President of PAARA and is well known to most of the readers of this fine publication. We decided to spotlight him this month as he has agreed to run for the President's position one more time. It should be noted that he has been the Association President for four years, however since we do not have term limits within our bylaws and since he has been doing such a good job without any suggestions of a recall, we want our members to know a little bit more about him.

I was finally able to locate Andreas and get him to actually meet me for several hours the morning before he left for his vacation in his home country of Germany. I learned that ANDREAS is a Greek word meaning 'strong & manly', while JUNGE is a German word meaning 'boy'. Therefore, we can refer to him as a big, strong, boy !!

Andreas Junge was born on 07/01/1965 in Lueneburg, Germany, which is about 35 miles S.E. of Hamburg. His father, Klaus, was a brick layer or mason and is now 65 years old, while his mother, Jutta, was a letter carrier for the German postal system and is still younger than his father. They are now both retired and as we read this it will be interesting to note that they are visiting with Andreas and his wife Sandra who will be meeting them for the first time and she does not speak German. Actually, when you stop to think about that situation, it could be rather humorous as their only child, who now lives in California, has brought home a young lady and all the communication with Sandra will be via hand signals and smiles !!

In Germany, students from the 5th grade on are required to learn English and from the 7th grade on they are required to learn yet another language. Andreas chose Latin, of all things, and spent seven years learning how to read, write

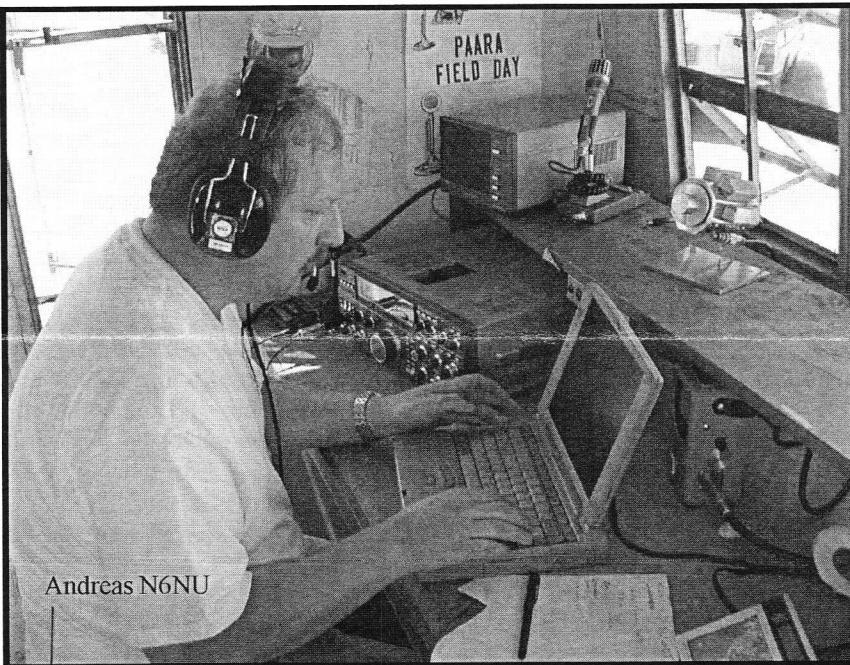
and translate that old language. Obviously, Andreas was a rather bright kid and did a lot of reading, especially technical material. He can remember warning his father about a problem re-wiring a light fixture one time when he was about seven years old, and sure enough, his father blew out the electrical system in their home because he didn't take Andreas' advice. Many times, Andreas would pick up electronic items left on the streets as garbage, take them home & repair them. He also remembers playing with the 'Fischertechnik' toys & building blocks which included electronics like relays, switches, capacitors, etc. This gave him the incentive to become interested in radios and other electronic components. Of course, he also assisted his father and learned other skills like carpentry, brick laying, and construction techniques.

At twelve years of age, Andreas was given a six channel CB radio by his parents and started having communications fun with some of his friends. He became active in the local CB club that had about 60 members. They actually had transmitter hunts, puzzle solving contests and built DF antennas as a group. This was a very friendly group of people, although Andreas recalls that it was a real cross section of humanity. One of the club members was Hans Sienknecht who would actually pick

up Andreas and two other boys and take them to the club training sessions where they would learn about electronic theory, resistor color codes and actually started learning the morse code for communications.

At 14 years of age, Andreas joined E05, the local ham radio club. He participated in Field Day activities at a restricted site on a hill where the northern German Army surrendered to Field Marshall Montgomery at the end of World War II. About this time, another person, Reinhardt Sieb (SK) became an elmer for Andreas and his friends. He was a long time ham and had actually served in the Hitler Youth Movement before the war. Reinhardt Sieb was the owner of 'Sieb & Meier', a company known for their CNC controllers which were considered the Mercedes of electronic controllers. Andreas can recall that Reinhardt brought in an oscilloscope to the training classes and ex-

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Celebrating 66 years as an active ham radio club—Since 1937

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plained that in Germany at that time it was known as an oscillograph, although printed on the device was the name, oscilloscript. Reinhardt Sieb introduced the boys to computers by bringing in a Texas Instruments 9902 processor with 16K of static ram which they used to learn about computer operations.

While attending high school, teacher Rudiger Baumann, purchased four Commodore PET-2001 computers that had 4 kbs of ram and the chicklet key boards.

Andreas and his student friends then prepared learning assignments and wrote an instruction book on teaching computer programming. This was published by 'Klett' and was used throughout Germany in many schools. The proceeds from this book were used to reimburse the teacher and purchase other computers at his school. With the better computers that had more memory available, Andreas and his friends were able to learn much more about computers and used them for morse code and electronic theory training. Andreas graduated from the 'Johanneum High School (John The Baptist High School) in June 1985 during the 575th year of operation of this school. He was the first member of his family to actually graduate from high school, so this was quite an event for his parents. It should be noted that twenty years earlier, Prince Klaus, the current King of Holland, husband of the Queen, also graduated from this school.

Just before graduating from high school, Andreas designed his own CPM for the commodore computer. In Germany at that time the most common operating program was turbo Pascal, manufactured by Borland of Scotts Valley, California. As a result, Andreas was actually providing computer consulting services to friends and business associates before he became really interested in girls and a social life and dropped his interest in amateur radio.

In September 1985, Andreas joined the German Army as a result of the draft. Since he knew it was coming, he had traveled to the Logistics Unit and suggested that they request him when he was completed with boot camp. As a result, he was stationed in Lueneburg about twenty miles from the East German border. This small town hosted three different Army bases with approximately 5,000 soldiers. During his service, he became a Lt. and was ultimately responsible for 40 soldiers and 25 trucks with a 10 ton capacity. He was in command of Transportation Unit 80 of the 8th tank brigade. Therefore, we now know why Andreas has such an intimate knowledge of army tanks. He was honorably discharged from the Army in December of 1987.

During his last two months of service in the German

Army, Andreas started helping an old school friend with the computer programming of an office software printing driver known as 'Star Office'. He went to work for this company full time and as it turned out, most of the other employees were friends of his from his high school electronics class. Andreas worked for the Star Division in product development and ultimately became manager of the development group. Unbeknownst to Andreas, his boss had received some investment money for his company from an American investor known as Andreas von Bechtolsheim, who was the founder of Sun Microsystems !!

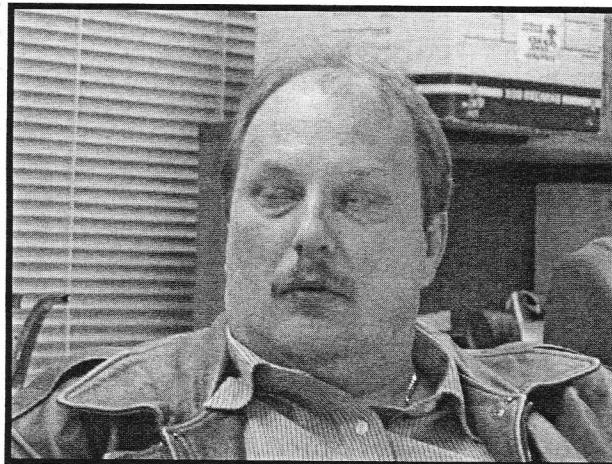
In October of 1992, the day before halloween, Andreas received a phone call from his boss at 11 PM. Andreas was socializing in his favorite watering hole at the time. His boss gave him six hours to pack and get on a plane to California. Apparently, his boss needed Andreas to open up a branch of the 'Star Division' in the Bay Area to sell the product. As a result, Andreas moved to the Sunnyvale area, met Mr. von Bechtolsheim and opened the offices on Sand Hill

Road in Palo Alto. During this time, Andreas was able to complete his degree, via an off campus arrangement, with a business school in Hamburg, Germany. His degree was in data processing with a major in business administration and a minor in programming. The business was ultimately sold to Sun Microsystems in 1997.

Andreas left the 'Star Division' in March 1995 and became the manager of software development for 'Atlantis Technologies', a company that provided services for the large Seimens telephone switches used in telephone call centers. That company was sold to a Texas company in 2000. At that point, Andreas became the Vice President and network operations director for 'Open Grid', another software developer. It should be noted that one of the company investors of this new organization was Philippe Kahn, who had started Borland in Scotts Valley. Mr. Kahn was the single largest investor (private person owning stock) in Motorola. 'Open Grid' ran out of money and closed in 2001.

In September 2001, Andreas started his own computer consulting business service known as 'TecThermo', which designs and manufactures temperature controllers for TEC's or thermal electric coolers or peltier elements. He also operates a rather interesting side line business known as 'D&J Window Tinting', which provides commercial specialty window safety film and anti-graffiti window protection. This is used by many businesses and hotels to cover their large windows for vandalism protection. Andreas also provides web hosting services from a computer network he maintains at his home in Menlo Park. This information

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(Continued from page 114) ANDREAS

technology service includes spam filtering and e-mail. Check out the club web site at www.paara.org as an example of his ability.

In August of 1997, Andreas purchased the ARRL book, 'Now You Are Talking' at the candy store in Sunnyvale. After two days of preparation, he took and passed the technician license test and was issued call sign **KF6NEB**. His first on the air contact was with **Andy Korsak, VE3FZK**, (now known as **KR6DD**). Andy made him feel welcome to the Amateur Radio Service and encouraged him to attend a PAARA meeting. Andreas met **Vic Black, AB6SO**, who trained him in how to design, build and use HF antennas. **Dave Bailey, WS6W** was the PAARA net control operator at the time and Andreas was so impressed because Dave remembered his name on the air during the net roll call.

In October 1997, Andreas earned his tech plus license and then worked 15 DX countries during an HF contest from the station at Canada College. In January of 1998, Andreas earned his advanced license and was issued call sign **KQ6WL** which he used for one week. He then earned his extra class license and was issued call sign **AD6FQ**. This was all within ten months of starting the radio licensing exam process. In December of 1998 he applied for and received his current call sign of **N6NU**.

Andreas loves DX'ing & QRP operations. He also plays with APRS, packet, amtor, digital design & building of equipment. He works CW primarily and really enjoys field day activities. He currently owns and operates a Yaesu FT 1000 Mark V with a 500 watt solid state amp. He uses an AD DX-EE dipole up about 35 feet above his house. He also operates an Icom 706 mkIIIG with an Icom AH-4 antenna tuner in his vehicle. He has worked 275 DXCC countries and is a local DXCC QSL card checker.

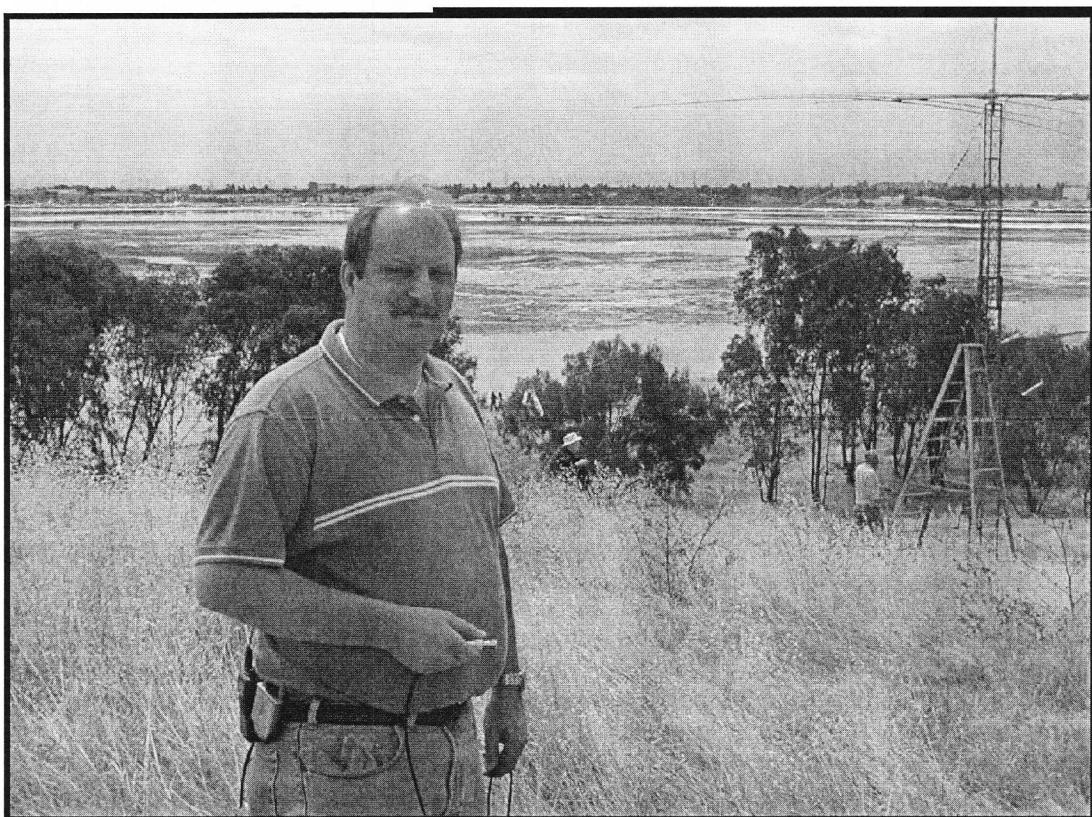
Andreas had the good fortune to meet and subsequently marry Sandra in 2001. They live in Menlo Park and they both work full time. It is believed that Sandra has a really good sense of humor as she puts up with Andreas and his

rather full agenda of extra curricular activities that include the Masons and PAARA.

I must tell you that every single person that I have had the pleasure of meeting and speaking with regarding PAARA activities has mentioned the fact that Andreas is the one who has made them feel comfortable being a member of PAARA. There is no doubt that this busy ham, **Andreas Junge, N6NU**, is one of the prime movers of the PAARA organization. He is clearly one of the best examples of a real ham or shall we say amateur radio operator. I, for one, believe that Andreas is doing a great job of administering PAARA and deserves another year, or more, of the President's position.

Please take a moment to express your thoughts to Andreas when you see him at the meetings or talk with him on the air. On behalf of the PAARA Board of Directors and as a regular PAARA member, I am pleased and thankful that we have an active President like **Andreas Junge, N6NU**.

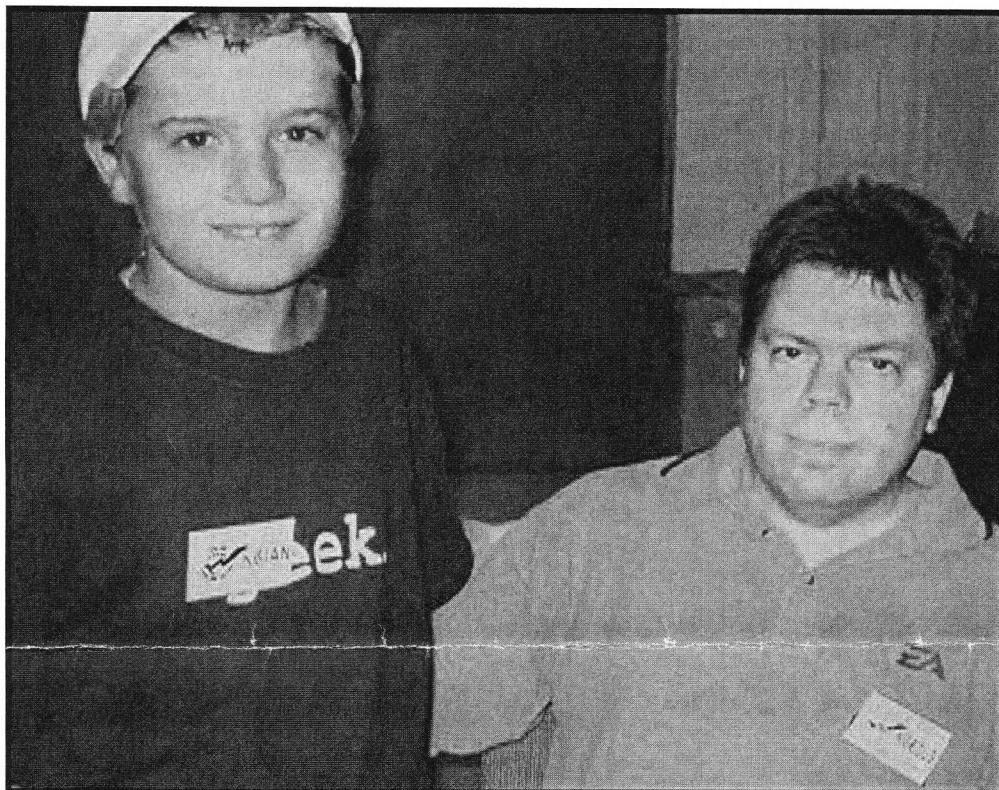
~Terry Finn. AF6TF.



NEEDED!!
SOMEONE WITH
COMMERCIAL ART OR LETTERING EXPERIENCE
TO HELP IDENTIFY OUR TRAILERS AS
'EMERGENCY COMMUNICATIONS SUPPORT' ETC.
CONTACT: GERRY, N6NV
650 326 4908

NEW MEMBER PROFILE

This photo clearly depicts Steve Brune, **KG6OUB** (the father) with his son, Ian Brune, **K6IAN** (age 11). You will recognize both of them as they have been very active in PAARA since joining just a few months ago. Steve was responsible for making all of the new signs that were used at the Field Day event and has been so helpful at the regular PAARA meetings with setting up & tearing down chairs, etc. Ian is the assistant ticket master, so you will easily recognize him as you have



Ian Brune, **K6IAN**

with his father

Steve Brune, **KG6OUB**

probably purchased a raffle prize ticket from him at the radio prize table.

Steve Brune was born and raised in San Mateo County, spending most of his youth in the San Bruno area. He graduated from Crestmore High School in 1980 and then attended the College of San Mateo for two years where he earned a diploma in drafting. He continued on with his education at a technical school where he learned all about computers, net working and printing things with computers. He took a job with a printing company in San Francisco and for five years he learned just about everything there is to know about commercial printing in the real world. During this time, his employer discovered that Steve had the unusual ability to make things happen, so they allowed Steve to open up a computer service bureau in the downtown business section

of San Francisco. This was a place where people could rent computer time and print out various types of projects. It was a winner of a business and soon others were clamoring for Steve's services.

He was offered a position with a small company known as "Applied Graphics Technologies", doing computer layout, design & print production. He is still there today, although he travels frequently on company business. This exciting new job became a reality in 1990. That was the same year that he made Liz a happy woman by marrying her and purchasing their home in San Mateo, where they are now raising two children.

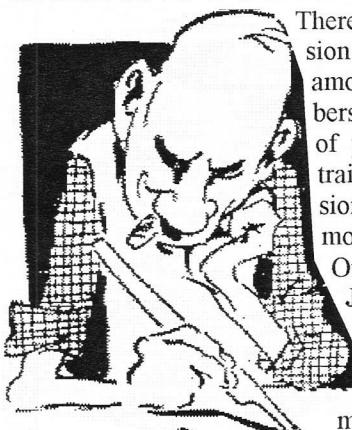
In fact, it was Liz who encouraged Steve to become involved with Amateur Radio as she realized that he really needed a fun hobby, something to take his mind off of work. So, Steve passed his no code technicians license in February 03 and upgraded to general in April 03. He is currently working on his code and preparing for the extra class test. He owns and operates an Icom 706 and an Icom T90 handheld.

Ian Brune, K6IAN was born in 1992 and earned his no code technicians license in April 03 and was issued call sign: **KG6QKP**, then obtained a vanity call of **K6IAN** in June 03. He is also currently working on his code skills for upgrading his license while he attends grade six at the Bayside Middle School in San Mateo. This school specializes in performing arts, so Ian has become rather competent on the trumpet and has certain skills with the electronic music keyboard. Ian has been earning straight 'A's on his school report cards so he has been identified as a rather bright student. So much so, that he has been invited to test for the PSAT and SAT tests offered at U.C Berkeley. This has happened along with his attendance at the GATE program (Gifted & Talented Education) where he will be able to take certain college courses before he enters college based on his outstanding academic performance. Ian owns and operates a Kenwood TH6A handheld and checks in to the PAARA Monday evening net.

Please make a point of introducing yourselves to these fine members of PAARA at the next meeting.

~Terry Finn. AF6TF.

TRAINING FOR NEW HAMS !!



There has been a lot of discussion over the last few months among many PAARA members regarding the possibility of providing certain kinds of training or information sessions outside of our regular monthly meetings.

Our President, **Andreas Junge, N6NU**, has suggested that we round up some of the technical people and offer a regular monthly class on such things

as soldering; circuits; antennas, etc. This would allow those members who are either brand new or lacking knowledge or experience in specific areas the opportunity to learn what the right way might be or what some of the wrong things are and how to avoid them. There has been a lot of input on this potential class or information session submitted by **Vic Black, AB6SO** and **Kit Blanke, WA6PWW**.

Other members have suggested that we have several sessions of operational training for such things as the proper method of DX'ing or contesting. This is a long overdue idea since these types of classes do not seem to exist anywhere at this time. The VHF & UHF ers who use handhelds & other portable radios have lots of training available for emergency communications activities, so why shouldn't our club provide the other rather useful knowledge and experience?

In fact, a group of PAARA members who are also active, certified VE's and provide license testing services met recently to discuss a morse code class. **Al Montoya, WB6IMX**; **Stan Towle, WA6ZGI**; **Dan Curry, K6DLC**; and **Terry Finn, AF6TF**; all agreed that a regulated, informal code learning class should be made available soon to not only the PAARA members, but anyone else who truly wants to learn this important and required method of communication.

The consensus of the VE's was that if a fee was charged and the class was officially sponsored by PAARA, we could draw a large number of potential new hams or people preparing for the code test. As we all know, if a student has to pay a fee they will generally attend the classes, where as if it is something that is offered free, they will not have the same initiative to learn.

These are all great ideas and should be considered carefully by the members as they will only work if we have active participation by many members. Therefore, your input is requested on the above noted issues. Kindly advise your club officers or Board members of your opinion and availability. Remember, this is what our forum is for at: www.paara.org

~Terry Finn. AF6TF.

BOARD OF DIRECTORS MEETING

The PAARA Board of Directors met on Wednesday, November 12/03 at the Red Cross offices in Palo Alto. Since our President was away on vacation in Germany, the meeting was chaired by Vice President Jim Rice, K6AK. In attendance was Secretary Terry Finn, AF6TF; PAARAGraphs editor Wally Porter, K6URO; and Board members: Ron Chester, W6AZ; Vic Black, AB6SO; Adrianus Schrauwen, W6AJS; Gerry Tucker, N6NV and Rolf Klivo, N6NFI. Missing, without an authorized excuse was Treasurer Bob Korte, KD6KYT.

The December meeting will be the annual 'Show & Tell' exercise wherein members with something unique or appropriate for our club will have the floor for a few minutes. We will also have the annual elections. (See the article elsewhere in this fine publication for further information on the candidates for office).

The technical speakers for the January and February of 2004 meetings have already been arranged by Vic Black, AB6SO. It looks like it will be another successful and profitable year for our active radio club. Ron Chester, W6AZ and Gerry Tucker, N6NV provided some rather interesting facts about our annual Field Day Event of June 2003. We were in the 2A category (two transmitters & two towers with emergency power) and we placed eleventh out of 252 contestants !! It appears as if we won in the Pacific Division for over all points.

A small change in the Monday night PAARA net control operators preamble was discussed and authorized. The net control operators will now ask if there are any PAARA Board members who need to check in, prior to taking the regular checkins. This will assist new members or guests in identifying PAARA officials who may be able to provide club information for them and will clearly indicate activity from various Board members.

The Board discussed and determined that there was an administrative problem with the club name badges. This issue will be investigated and resolved.

Ham Radio Outlet provided the newsletter editor with brand new ad copy reflecting the latest equipment and also gave the club a much appreciated, healthy, financial contribution. The Board wants the members to notify the staff at HRO in Sunnyvale that they are members of PAARA when they are in that store doing their important shopping.

Members are encouraged to visit the PAARA web site and take part in the available forum at www.paara.org .. The repeater committee is still moving ahead with that project.

The regular Board meeting started at 2000 hours and concluded at 2130 hours.

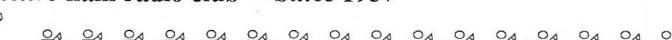
Terry Finn, AF6TF, Secretary

A good conscience is a continual Christmas

—Benjamin Franklin

PAARAGraphs December 2003

Celebrating 66 years as an *active* ham radio club—*Since 1937*



PAARA 2003 Dream-to-Reality Raffle

Grand Prize: IC-706MKIIG

HF/VHF/UHF All-Mode Transceiver

with Remote Head Kit

Total package value over \$900!!

It was just a DREAM last January, and now it is REALITY!

SPECTACULAR, UNBELIEVABLE, & HEART-POUNDING 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!"

THREE RADIOS +

TWO FOURTH PLACE PRIZES + BONUS PRIZE!!

FIRST PRIZE: Icom IC-706MKIIG,

HF/VHF/UHF All-Mode, 100W,

Base Station or Mobile

SECOND PRIZE: Palm IIIxe 8MB P.D.A.

THIRD PRIZE: TWO 22 channel FRS/GMRS Personal Radios or 12V Air Compressor 275 psi

TWO FOURTH PRIZES

BONUS PRIZE: 1-year subscription to WORLD RADIO

Date and Time:

Friday, December 5, 2003 at 7:30 p.m.

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

PAARA Website: www.paara.org

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 and I are having a lot of fun.

THANKS AGAIN FOR MAKING THE MEETINGS VERY EXCITING!

Since March 2003 25 Radios have gone to fellow Hams thanks to you and the PAARA Raffle!

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

The PAARA Raffle is full of surprises and YOUR LUCKY DAY may be December 5th.

Contact Kyle, KG6MSK, for tickets at the meeting.

~Jim,K6AK



Congratulations:

PAARA Raffle Prize Winners

November 7th 2003

1st Prize:

Albert "Rik" Kasuga, KF6COZ Icom IC-2100H

2nd Prize:

John Larribeau, KR6MR Evision Digital Camera

3rd Prize:

Paul Lufkin, K6PML 2 FRS radios

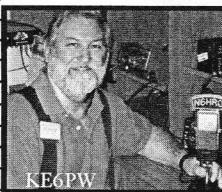
4th Prize:

Terry Finn, AF6TF CW tapes

4th Prize:

Jimmy Lichtenstein, KG6NSO 5/8 wave 2m antenna

~Jim,K6AK



Howard at HRO says:

"HRO Holiday prices and discounts are available now, as well as gift certificates."

Congratulations PAARA

on a successful year and Holiday Raffle."



WINTER BANQUET

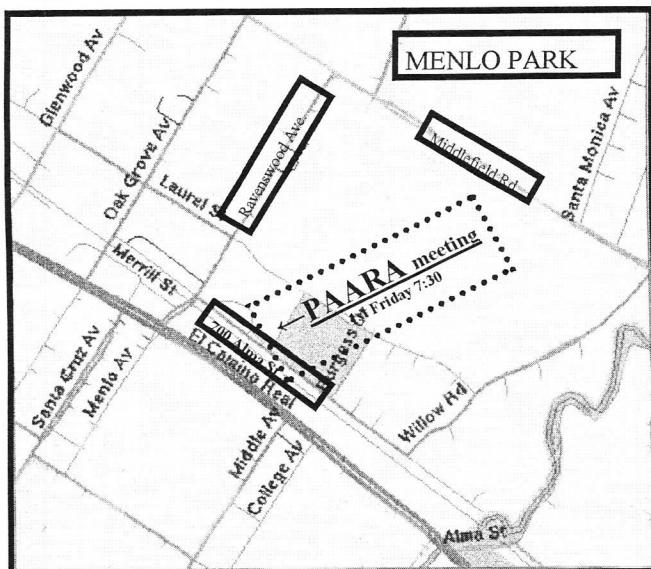
Mark your calendars for January 23, 2004 in the evening as the very popular joint PAARA and FARS radio clubs will host the annual Winter Banquet. This is a 'must do' radio club social event. Not only is the food good, the interaction among Amateur Radio operators is second to none. There will be an excellent guest speaker and many door prizes and awards presented.

You will receive an invitation to purchase tickets in the mail if you are a current (paid up) member of either radio club.

See you there.

~Terry Finn. AF6TF.





**Want and For Sale ads in
 PAARAGraphs**

are **FREE** to members

(Submit by e-mail or letter before the 15th of the month)

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W6AZ



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 Santa Clara
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Ron@taxhelp.com

Tax Preparation & QuickBooks Consulting - Ham discount

PAARA Radio NET

every Monday evening
 8:30 P.M., local time
 on the

145.230 -600 MHz repeater

PL tone off

control operators

1st Mon KG6ILA, Pinkney Foster

2nd Mon N6NU, Andreas Junge

3rd Mon AD6FX, Jon Zweig

4th Mon AA6PA, Bill Rausch

5th Mon tba

PAARAGraphs Ad Rates

PAARAGraphs 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 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 940260911

- 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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PAARA*graphs* December 2003

Palo Alto Amateur Radio Association, Inc.
PAARAGraphs Newsletter
P.O. Box 911



FIRST CLASS MAIL



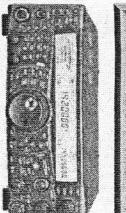
<http://www.paara.org/forum/>

2006-2+3-27

Andy Korsak, KR6DD
504 Lakemead Way
Emerald Hills, CA 94062-3919


**HAM
Radio
OUTLET**
 WORLDWIDE DISTRIBUTION

KENWOOD



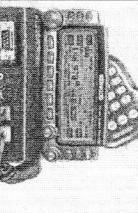
TS-2000 HF/VOX/TOR
 10MHz HF 8W 240V 750mA
 10W 12.6V 100W 100V 20W module
 If-Single Disp. - VOX, D/C, DX packet cluster
 Built-in Iron Key Panel

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 Mark WITZM, Mgr.
 I-880 at 23rd Ave, ramp
 oakland@hamradio.com

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

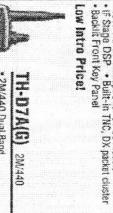
YAESU



FT-700A HF/50MHz Dualband
 20W VHF 35W UHF • Auto Voice Synthesizer
 Receiver: 100-350 MHz (for boost)
 Remote Head test (if not included)
 200 Memories, built-in TCSS
 120 Memory Scan, built-in INC
 DTMF Monitor, built-in INC
 Tone Scan, GPS/RD, HPPC Ports

Low Price!

ICOM



IC-705 HF/VHF/UHF Transceiver
 All mode HF/6M/50M/27M, 20W/40W
 1000W PEP, 500W/27M, 20W/40W MHz
 AT-115P • Handheld • Wall Mount • GOG
 Easy-to-tune antennas

Low Price!

ALINCO



DR-135TP 2m mobile
 50W 6dB @ 100W • Enhanced RF performance
 Enhanced in-car T/F • Spectrum scope
 Enhanced in-car T/F • Spectrum scope
 Multi-function keypad • Direct Memory Keys
 Advanced CW functions
 101 programmable memories

Low Price!

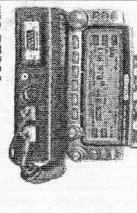
VE-7R



VE-7R HF/50MHz Transceiver
 50W 6dB @ 100W • Enhanced RF performance
 Enhanced in-car T/F • Spectrum scope
 Enhanced in-car T/F • Spectrum scope
 Multi-function keypad • Direct Memory Keys
 Advanced CW functions
 101 programmable memories

Low Price!

FT-1000 HF/50M/27M/20M Trans.



- Compact Transceiver w/ adjustable front panel (not included)
- Dual RX
- From 10W to 100W (cell blocked)
- From 10W to 100W (cell blocked)
- CTSS/DS/DSB built-in
- Auto Data

Low Price!

DI-196T 2m HT



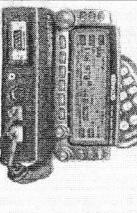
- SWR out
- 10W transmits
- CTSS, DS, DSB built-in
- "CTSS" DS/DSB built-in
- Auto Data

Low Price!

COAST TO COAST
 FREE SHIPPING!
Non-Ham - Must Item# have prefix 5100

Low Price!

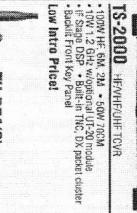
TH-D71A(G) 2m/40



TH-D71A(G) 2m/40
 20W/40W Dualband
 APRS Compatible
 DX Peack Counter Monitor
 200 Mems, CTSS
 NC-F1 Messaging Control

Low Price!

TS-2000 HF/VOX/TOR



TS-2000 HF/VOX/TOR
 10MHz HF 8W 240V 750mA
 10W 12.6V 100W 100V 20W module
 If-Single Disp. - VOX, D/C, DX packet cluster
 Built-in Iron Key Panel

Low Intro Price!

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