

K6YQT

PAARA NEWSLETTER  
VOLUME 52 NUMBER 10, October 2003

W6OTX



# PAARAGraphs

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



## CALENDAR

- October.....3      **PAARA Meeting**, 7:30  
Menlo Park Recreation Center  
700 Alma Street, Menlo Park
- October.....8      **PAARA Board Meeting**, 7:30  
Red Cross Bld., 400 Mitchell Ln., Palo Alto
- November....7      **PAARA Meeting**, 7:30
- November..12      **PAARA Board Meeting**, 7:30
- December....5      **PAARA Meeting**, 7:30
- December...10      **PAARA Board Meeting**, 7:30

The ARRL has a code practice:

URL <http://www.pcppractice.com/CW/>  
-Don KF6JMQ



## PROGRAM October 3, 2003 7:30 P.M.

Speaker:

### Travelogue

#### VP8GEO South Georgia Island, Antarctica DXpedition Travelogue:

Award winning, digitally filmed, PBS quality movie with breathtaking scenes and history of the islands.

See the VP8GEO team freeing up an anchor on a Russian ship, rescuing a seal, and view Ernest Shackelton's grave. Watch the Micro Lite team using 1Kw Honda generators, TS50 rigs, and Force 12 vertical antennas in this picturesque setting.

Don't miss this one! K6AK

### NEW MEMBER PROFILE.

**KIT BLANKE**, WA6PWW, joined PAARA in July 2003. He is an active ham who lives in Milpitas but works throughout the silicon valley. Kit earned his novice license in 1970 and soon up-graded to advanced. Although he was born in Truckee, he was raised in the Santa Rosa area, where he graduated from Santa Rosa Junior College. He claims to be a self taught electronics engineer and radio designer who has worked in the electronic arena all of his adult life.

Kit has experience as a senior electronics technician with high performance commercial video systems; medical linear accelerator (cancer treatment machines); main frame computer memory systems; disk drive systems; high performance, high data rate military tape recorders used in F-16's and digital and radio frequency design and repair. He is currently an independant consultant and all around nice guy.

Kit operates an FT 847 driving an AL600 solid state amplifier feeding an A3 antenna at 48 feet. He also uses a 6 meter beam and a sloper antenna. His mobile station is an FT 100 with an MP3 antenna, on a large Chevy truck. He has a unique battery charging & use system to power the radio. Kit collects old radios and refurbishes them. He is active in QRP and VHF contesting. He actually built a moon bounce station and had it operating in 24 hours. Kit is frequently observed hanging out with Vic Black, AB6SO, as they partake in contesting activities or antenna design & building marathons.

Most recently, Kit has been taking digital photos of the planet Mars through some sophisticated telescopes and other equipment. He claims that this is just another little side hobby until he meets the woman of his dreams who can take up the rest of his time. Welcome to PAARA, Kit.

~Terry Finn. AF6TF.

### NEW MEMBER PROFILE.

**JEAN CLAUDE GUILLOU**, W6JVG, is known affectionately by his PAARA and other radio friends as, 'JC'. On Saturday, September 6, 2003, JC passed the extra class test and earned his extra class license. Way to go, JC !!

The interesting part of this story is that JC earned his technician license on May 20/03 and then earned his general license on August 16/03. He now believes that he has a license to learn and is reading everything he can get his hands on to bring himself up to speed on ham operations. He currently operates an Icom 746 pro feeding a multi-band dipole on his property in Morgan Hill. His mobile station is an Icom 706 and a Kenwood TH-F6A. He prefers 40 meters because of its worldwide ability, although he has not yet involved himself in DXing or QSL'ing.

JC became interested in ham radio because he was a SWL for over fifteen years and used a Kenwood 5000 receiver. Since the N6NFI repeater boomed into the Morgan Hill area, he met and spoke with the PAARA President Andreas, N6NU on many occasions. It was this connection that brought him to a PAARA meeting & membership.

JC is proficient in the english and french languages and cultures. He is currently working for Hitachi Global Storage Technologies as a computer programmer. He had been working for IBM in France when they transferred him to California in 1963. His other hobby is photography. Please welcome JC when you see him at a PAARA meeting.

~Terry Finn. AF6TF.

**PAARAGraphs October 2003**  
**Celebrating 66 years as an active ham radio club—Since 1937**

## 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](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 W6UU & W6GU/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](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 408-243-8349

### 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  
 meets 3rd Wed every month.  
 contact: Glen Lokke Jr. KE6NBO at 408 971 8626, or [glokke@pacbell.net](mailto:glokke@pacbell.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, [FSHENSLERY@NOVELL.COM](mailto:FSHENSLERY@NOVELL.COM)

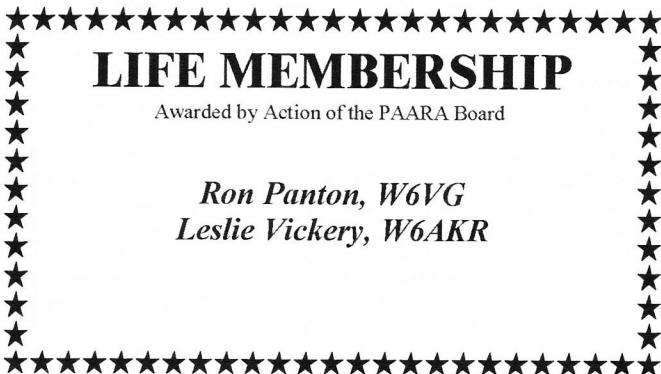
### VE Exams, 3rd Saturday each month, 10:30AM, 145.23 - PL=100Hz

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 Kubbe (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

President	Andreas Junge N6NU.....(650) 233 0843 <a href="mailto:n6nu@arrl.net">n6nu@arrl.net</a>
Vice President	Jim Rice, K6AK.....(650) 851 -2274 <a href="mailto:k6ak@arrl.net">k6ak@arrl.net</a>
Secretary	Terry Finn, AF6TF.....(650) 366 -9111 <a href="mailto:terry@incognitoservices.com">terry@incognitoservices.com</a>
Treasurer	Bob Korte, KD6KYT.....(650) 595 1842 <a href="mailto:rgk4u@aol.com">rgk4u@aol.com</a>
Membership	Vic Black, AB6SO.....(650) 366 0636 <a href="mailto:ab6so@smrn.com">ab6so@smrn.com</a>
Membership	Lisa Rice, KG6KQS.....(650) 851 -2274 <a href="mailto:lisarice@earthlink.net">lisarice@earthlink.net</a>

W6OTX Station Trustee..Gerry Tucker, N6NV.....(650) 326 4908  
 K6YQT Station Trustee..Gerry Tucker, N6NV.....(650) 326 4908  
 Property.....Gerry Tucker, N6NV.....(650) 326 4908  
 Badges.....Don Trask, KF6JMQ.....(408) 251 6494  
 Ticket Master.....Kyle Rice, KG6MSK  
 ARES Officer.....Lily Anne Hillis, N6PGM .....(650) 325 5484  
 Advertising.....Bob Korte, KD6KYT .....(650) 595 1842  
 Webmaster .....Curt Kolovson, AE6EJ.....  
[ae6ej@arrl.net](mailto:ae6ej@arrl.net)

### Board of Directors

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

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

### PAARAGraphs Staff

Editor	Wally Porter, K6URO.....(650) 494 7038 <a href="mailto:k6uro@arrl.net">k6uro@arrl.net</a>
Database	Lisa Rice, KG6KQS.....(650) 851-2274 <a href="mailto:lisarice@earthlink.net">lisarice@earthlink.net</a>
Columns	Vic Black, AB6SO.....(650) 366 0636 <a href="mailto:ab6so@smrn.com">ab6so@smrn.com</a>
	Jay Melvin, WA6SBO.....(650) 726 4361 <a href="mailto:wa6sbo@arrl.net">wa6sbo@arrl.net</a>
	Terry Finn, AF6TF.....(650) 366-9111 <a href="mailto:terry@incognitoservices.com">terry@incognitoservices.com</a>

Photography, Dick Kors, KM6EP, [dk@ofkors.com](mailto:dk@ofkors.com) (650) 965 3766  
 additional pictures by  
 Steve Brune KG6OUB, 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, rich text, ascii, .pub, or .jpg, zip pictures as attachments.

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



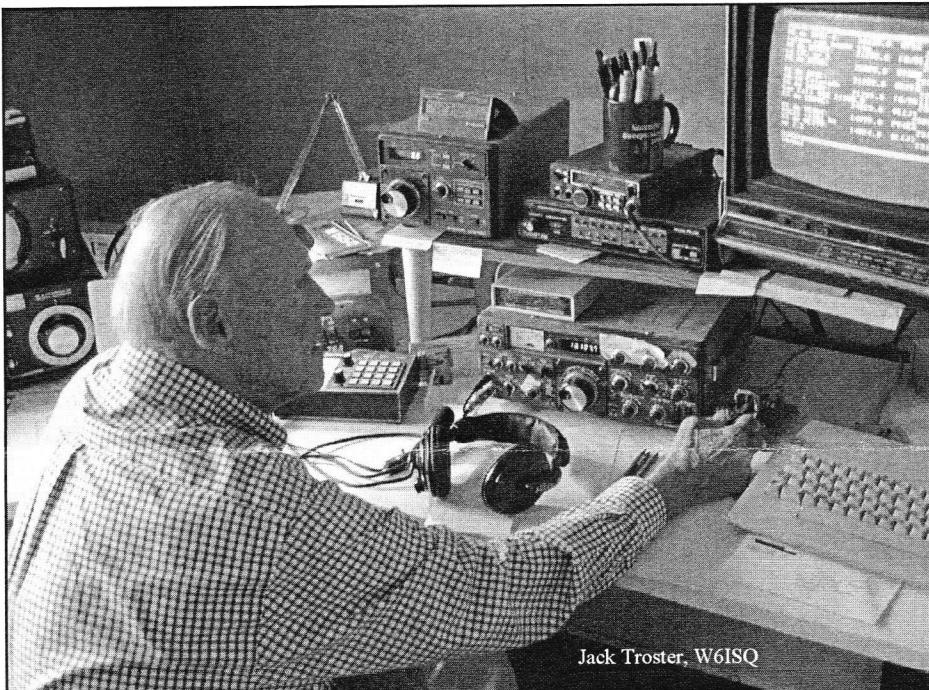
## PAARA HONORS

Jack Troster, W6ISQ  
by Terry Finn AF6TF

### GOLD PROSPECTOR OR CIA AGENT?

I recently had the honor and privilege of finally sitting down with and interviewing one of The icons of our hobby. Some of you youngsters out there may not recognize the name or call of **Jack Troster, W6ISQ**; so allow me to introduce you to a ham who has been around for a long time and is recognized world wide for his many contributions to our fascinating, technical hobby. Many older, more experienced hams may recall reading Jack's humorous, to the point, articles that he wrote for QST magazine and the ARRL over the years. In fact, his first published piece in QST was in 1959 and for many years he had a regular column that readers would look to first in their quest for knowledge and light hearted humor from an experienced hobbyist.

John Gooch Troster was born in Yonkers, New York on Nov 10, 1920. This is an easy date to remember since the U.S. Marines were established on Nov 10, 1776. His father, Oliver Troster, grew up on a farm near the central Illinois town of Bellflower. His dad served in the 33rd division of the Illinois National Guard where Oliver served under General John J. "Blackjack" Pershing when they were fighting in Texas against Pancho Villa, the Mexican bandit or patriot, depending on your point of view. Oliver went on to serve in World War I and became a Lt. Colonel at the ripe old age of 23. He served in four different campaigns before the armistice was declared on Nov 11, 1918. Oliver Troster went to work for a New York brokerage firm after the war as he really did not want to return to farming in Illinois and had met someone in the service who offered him a job.



Jack Troster, W6ISQ

Jack can remember returning to the farm on many occasions for vacations and still spends time there, as it is owned by the family. Jack spent a lot of time serving detentions in school while in the Yonkers School District because he admits to goofing off a lot. He transferred to Fieldstone High School in New York City where he became interested in electronics, sports and woodshop. His next-door neighbor and he built crystal radio sets and other devices that allowed them to listen to European stations. He and that same neighbor who ultimately became **W2JJS (Dick Liphard)** learned the Morse code by practicing at night & using some wires they had strung up between their homes. Jack graduated from the Culver Military Academy in 1939

in Culver, Indiana. He had wanted to attend West Point and thought that by graduating from a military school he would have no problem being accepted. As it turned out however, one must receive an official recommendation from a politician with juice for that to happen. Jack's dad was a republican and most of the politicians in New York were democrats, so, you know what

happened.

Back on the farm during vacations, Jack and his cousin **Dewitt Gooch, W9VJG** and another friend, **W9UWC** were busy building oscillators & using telephone microphones to "bootleg" on 160 meters. During the summer of 1935, when Jack was only 14 years of age, he traveled to the Chicago FCC office and earned his first amateur radio license. He was issued call **W2ISQ** and was on the air legally in September 1935. Jack can recall the exam only had eleven questions, however one of them was to draw a working circuit of a high power oscillator.

In the fall of 1939, Jack was admitted to Dartmouth College in Hanover, New Hampshire. Due to sustaining two separate baseball strikes to his head in high school, he was actually seeing double images, so he could not play any sports. Therefore, he became active with the College newspaper known as 'The Daily Dartmouth', where he worked all the way through College. He also had the opportunity to work on the local College radio station that was distributed

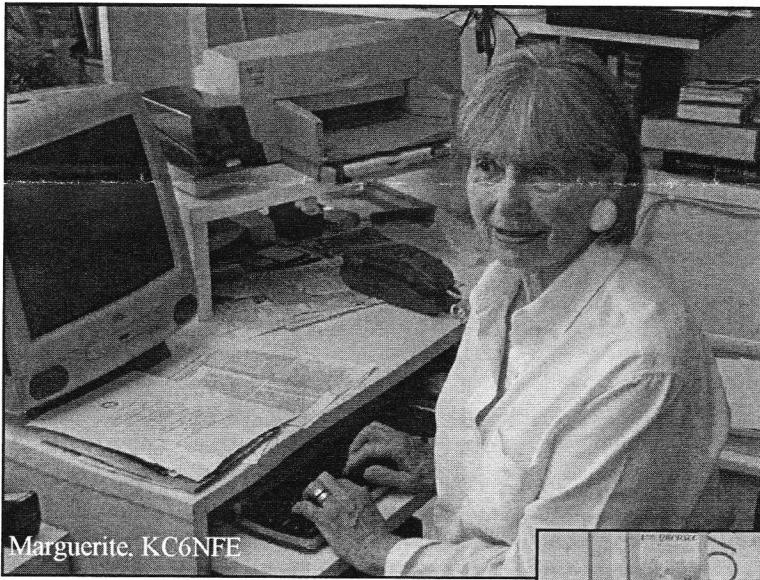
(Continued on page 94) Jack Troster, W6ISQ

**PAARAGraphs October 2003**  
**Celebrating 66 years as an active ham radio club—Since 1937**

(Continued from page 93) Jack Troster, W6ISQ

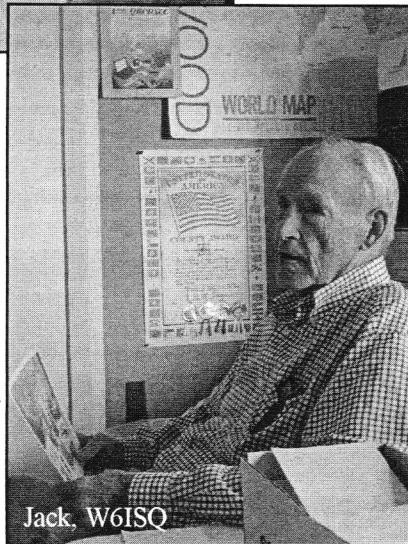
through the AC electrical lines around the campus. (shades of what is being proposed now for broadband applications). Jack built a ham station at his fraternity house (Kappa Sigma) with a pair of 6L6-807's using a wire hanging out of a window.

On May 9, 1941, during his second year at college, Jack joined the U.S. Marines and attended boot camp in the Philadelphia Navy Yard. (Note: remember the top-secret project known as the Philadelphia Experiment ?). He was on active duty on July 4, 1941 and went back to Dartmouth College. When the tragedy of Pearl Harbor happened in December, Jack wanted to go to war, however the Marines told him that they would not call him up until he graduated in December of 1942 with his Bachelor of Science degree in geology. He was ordered to report for duty on New Years Eve to Quantico, Virginia, just south of Washington, D.C. After another un-specified training camp where he was finally commissioned as a 2nd Lt, he was advised by a Marine Colonel that 'you are going to love it in Boston'. Jack really did not want to go, but was ordered to attend



Marguerite, KC6NFE

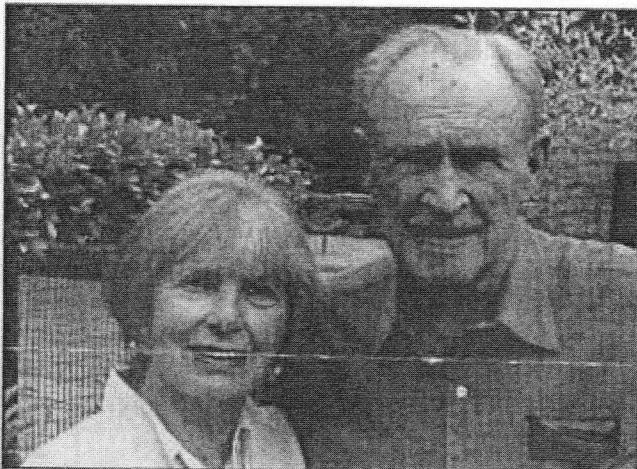
Harvard University. There was a special, secret training program being taught there by well-qualified people from all over the United States. One of his professors was none other than Mr. Terman who had been the dean of engineering at Stanford University. There were many top flight instructors at this radio and radar school where extensive math problems were solved. Upon graduation, Jack and several others were sent to MIT (Massachusetts Institute of Technology) for further training and studies in rather difficult material. Jack can recall that **Jack Eddy, N6EM** was also a graduate of this program and went through just before he completed the course.



Jack, W6ISQ

**Dartmouth 1943**

5



**Jack & Marguerite Troster**

In 1943, at a Thanksgiving dinner party, Jack met a young lady in the Boston area while he was out with several of his military friends on a blind date. That person turned out to be **Marguerite Bailey, (now KC6NFE)** who is still his XYL.

Jack chose the Marine Air Corps and was assigned to group 61 at Cherry Point, North Carolina. From there he went to Miramar Navy Base and the Marines Camp Elliot via train. He was considered a specialist in the secret new technology known as airborne radar and was assigned to the B-25's of the Army and the PBY's of the Navy and Marines. About March 1944 Jack was sent overseas to what is now known as YJ8 land, the Espirito Santos island, which was jointly owned by France and England, in the new Hebrides Islands. This is what James Mitchner's book, "South Pacific", was based upon. He was soon shipped off via troop carrier to Emirau Island, which was six miles long and two miles wide where the Seabee's had built an airstrip. The mission from there was to bomb the cities of Kavieng and Rabaul on a 24-hour basis. Jack was in charge of the new radar systems and his commanding officer would not allow him to go along on any of the airborne missions. He thought it was because they did not want to lose him, however, in reality it was because the Marines did not want Jack's knowledge falling into the Japanese hands through torture if he had been captured. Jack can recall the weather to be extremely hot and uncomfortable. He spent 14 months at

(Continued on page 95) Jack Troster, W6ISQ

(Continued from page 94) Jack Troster, W6ISQ

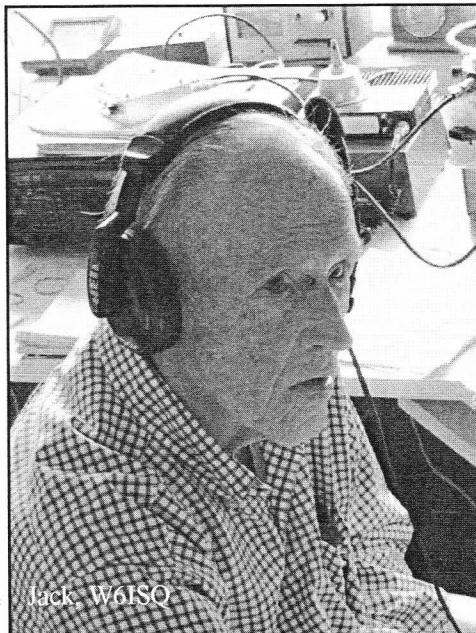
this location and actually built a commercial 600 watt radio transmitter using an ARRL designed antenna on a coral base that had very bad grounding characteristics. Armed Forces Radio used this site to broadcast such well known shows as: 'Mail Call', and 'Command Performance'.

General MacArthur of the U.S. Army would not allow any Marines to take part in the invasion of the Philippines because he did not care for the Marines. Although the Marine pilots were expertly trained in low-level support of ground troops, the Marine pilots had to stay above ten thousand feet when operating from this island. In July 1945 Jack was moved to Manus Island where the invasion fleet was preparing for their attack. He was then ordered back Stateside and was on board a troop carrier on August 8, 1945 when Hiroshima was bombed.

He arrived in San Francisco at the end of August 1945 and returned to Miramar via train. He stopped in Los Angeles and made his way over to the main offices of Armed Forces Radio to ask them to send some music records to the radio station on Imau. He met a Marine Captain there who offered Jack his job as Jack's reputation had preceded him all the way across the Pacific !! Jack returned to the Washington, D.C. area and was getting ready to leave the Marines when he received orders to return to Hollywood and take over the position at Armed Forces Radio as the official liaison officer. Jack did exactly that and served happily for nine months in that special position. He can remember watching Bing Crosby and Bob Hope work without scripts, where Frank Sinatra always required one. Jack also remembers Nelson Eddy receiving a standing ovation. It was during this time that Jack requested & received his current call sign of **W6ISQ**.

While on leave back east, Jack had interviewed at several Colleges as he wanted to return to graduate school. He even rode the train to Palo Alto at one point on a weekend and interviewed with the Dean of the Geology Department. (now called Mineral Sciences). He was accepted and in May 1946 he moved to the Stanford campus area. It should be noted that Marguerite Bailey had moved out to Los Angeles and was living with her aunt. She was working as a writer for several leading women's fashion magazines. Since Jack was a shrewd, well educated young man, he did the smart thing and married Marguerite in Los Angeles in September 1946. They honeymooned in San Francisco for 3 days. They are still together today, after 58 years. Congratulations Jack & Marguerite !!

The nurse's quarters at the Stanford campus were converted into married student housing and were referred to as



Jack W6ISQ

"Veterans Village", so Jack & his new wife moved in there in November. She found a job as a feature writer for a small newspaper in Palo Alto, while working at the registrars' office at Stanford University. Marguerite also attended San Jose State University for a semester and then transferred to

Stanford. She earned a Bachelor of Arts degree in American Literature and Art History from Stanford in 1948 and subsequently became the editor of 'The Sunnyvale Standard' newspaper. Meanwhile, back on campus, Jack was working on his Masters degree in Geology, which he earned in May 1949. It should be noted that they both attended summer school at Columbia University in New York City one year. Jack actually had time to build a transmitter that summer and he brought it back to Stanford.

In April 1949, they were blessed with a daughter, Gretchen, who now lives locally with her husband (a two star major general in the Army reserve) and their daughter. Jack took a job with Standard Oil in Los Angeles as a petroleum engineer in oil field development. The family moved to Whittier, CA, the home of former President Richard

Nixon. The family grew with the birth of Gavin who is now a successful attorney at the Screen Actors Guild. In 1954 Jack's family moved to Ventura where he really became active in ham activities, including DX'ing and heavy traffic handling. They moved again in 1958 to Fullerton, CA and once again in 1960 to Atherton. At the time, they thought it was Menlo Park, but it turned out to be in the Atherton town limits. Jack had transferred to the San Francisco office of Standard Oil. He was still an active ham and a member of PAARA by that time.

Jack came to know **Ron Panton, W6VG** who worked at SRI and would frequently meet with Ron and borrow electronic stuff that was being discarded by the scientists at SRI. (*see last month's PAARAGraphs for Ron's exposé*).

In 1962, Jack resigned from Standard Oil and claims that he went into the gold prospecting business with several friends. This is when Jack's passport started being filled with many unusual customs and immigration stamps from all over the world. This group traveled to such places as Columbia, Costa Rica, Honduras, Guatemala, Bolivia, Venezuela, etc. They even prospected in Nevada and Oregon. Jack claims he was doing this type of thing right up until the early nineties when he retired. At one point during these activities, Jack's little group actually claimed some land in Imperial County, CA, which became the 2nd largest successful gold mine in California. They sold out their ownership to a South African company.

After retiring, Jack earned the elusive and difficult stock-

(Continued on page 96) Jack Troster, W6ISQ

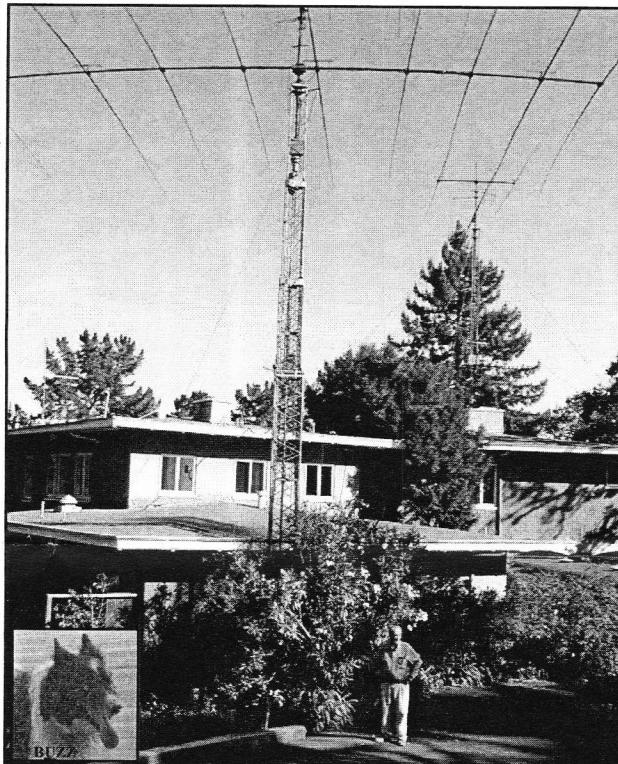
**PAARAGraphs October 2003**  
**Celebrating 66 years as an active ham radio club—Since 1937**

(Continued from page 95) Jack Troster, W6ISO

brokers license. He has never been one to sit around with nothing to do, you know. In 1992, Jack formed the Northern CA DX Foundation. This is not to be confused with the Northern CA DX Club. Jack contributed ten dollars, while **Vincent Chin, K6KQN** contributed one dollar; **Don Schlesser, K6RV** contributed one hundred dollars and **Lee Shakley, W6BH** contributed one thousand dollars. Vincent was an IRS agent, Don was in insurance sales, while Lee was a local millionaire investor. They currently have several hundred thousand dollars in their kitty, which is used for DXpedition funding. Jack and the others had always been interested in DXing and traveling to these far off places of intrigue. The Foundations first DXpedition was during the Vietnam War in October and November of 1973. XV5AC in Saigon, South Vietnam had invited them to come over and work a contest from there even though the war was in full motion. They left Saigon after the contest and traveled to Singapore, then back to Saigon and on to Phenphon, Cambodia. In Saigon they were using another ham's home for the CW portion of the contest and would have to run back to the safe hotel before midnight each evening. In Cambodia they used the empty house of an American Embassy person and used the call sign XU1AA, which belonged to **Vong Sarin**. Later on they rode on an Air America helicopter to Laos. It is still not clear what that part of DXpedition was all about, as Jack is a rather quiet, secretive man !! However, he admits that he always had his eye open for potential business opportunities such as tin or gold mining.

In 1959, Jack had his first QST article published in that fine magazine. He wrote a technical article on how to clean the W3DZZ open coil beam antennas. For the next twenty years Jack wrote technical, 'as told to' articles that were designed to poke fun at certain sacred cows. They were really funny and entertaining. He also wrote many articles for the QCWA (Quarter Century Wireless Association) and had the opportunity to travel around the U.S. and Canada to visit the clubs and members while he was on the board of directors for four years. Jack also wrote many articles for World Radio magazine.

Jack worked on Project Oscar, the ham satellite with **Jim Ouimet, K6OJO**. They both were appointed to and worked on the WARC 79 Committee. Jack worked with Stanford



professor **Dave Leeson, W6NL** to obtain FCC licensing for the 4UIUN beacon on the United Nations building in New York City. The beacon project was his baby and he convinced others of the importance of this unique technology. **Bob Fabry, N6EK** built the beacons and Jack found people throughout the world to set them up and operate them. Jack was now the international beacon coordinator. You can locate these beacons on 14.100; 18.110; 21.150; 24.930; 28.200 and they work so well to determine propagation characteristics. In fact, MFJ now sells a little device commercially that allows both a visual and timed reference for the beacons. There are 18 beacons operating worldwide at this time. Jack thinks of them as his own kids and checks on them frequently. The beacon at Stanford is W6WX and is in memory of a SK. The first beacon at Stanford was WB6ZNL. Jack currently operates a Kenwood TS-830 with an Alpha 87a amplifier and uses Force 12 antenna's with 5 elements on 20; 3 elements on 40; 2 elements on 17 and 5 elements on 21. He has a 73 foot crank up tower and works 160 with an inverted L with elevated radials. He is still an active DXer and all around ham operator. Jack still collects pebbles or rock samples from every DXpedition that he goes on or any that are funded by the foundation. He has collected over 200 examples of rocks from the DXCC countries. Currently, **K6MD** has possession of the collection. Jack has season tickets to the San Francisco Opera and Symphony. He and Marguerite attend as many performances as they can get to when they are in town.

Many of Jack's friends, relatives and ham voices have thought that he must have been a CIA agent due to his extensive traveling activities, especially to hot beds of political activity throughout the world over the years. It makes sense when you stop to think about it, however Jack admits to nothing (like a good CIA agent always does) except having had a wonderful life with many exciting challenges. Therefore, we must conclude that Jack is really a quiet, older, retired gold prospector.

Please say hello to Jack at the PAARA meetings. He is quite a guy with a world of experience and knowledge who has added so much to our unique hobby. Thanks, Jack. We are so glad that you are a PAARA member and live in our community.

~Terry Finn, AF6TF

**PAARAGraphs October 2003**  
 Celebrating 66 years as an *active* ham radio club—*Since 1937*

97

BAND/MODE	1987**	1988#	1989	1990	1991?	1992	1993	1994	1995	1996*	1997	1998	1999*	2000*	2001	2002	2003
XMTRS	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2
CW 80									110	43	20	7	37				77
40	163	190	94	89	126	6	108	193	340	158	60	194	282	282	282	298	
20	183	366	240	331	332	374	119	393	414	367	151	228	308	394	394	515	
15	54	165	126	76	191	140	41	45	106	48	17	173	222	366	366	163	
10													1	96			
VHF/SAT/PKT	11	18	24	29	16	34	20	20	3	19							
CW NOVICE(#)	5	60	6	3	12	26											
CW QSOs	264	416	609	580	536	628	677	198	682	759	797	333	462	857	0	1042	1053

"CLASS A" CW POINTS <150W																	
PH80																	
40	73	92	79	251	139	28	259	100	115	40	94	2	211	140	149		
20	552	637	834	531	413	666	404	499	955	720	793	582	410	654	1042		
15	345	407	292	150	264	128	330	5	29	61			242		438		
10													89				
VHF/SAT	5	5	24	7	7	87	93	47	84	80	128	89	87	41	100		
PH NOVICE	109	46	11	204	47	46	64	36	100	72	71			40	178		
PHONE QSOs	1187	975	1250	1275	990	1147	956	1283	862	1321	1102	1212	803	1128	0	1313	1564

"CLASS A" PH POINTS <150W																	
TOTAL QSO'S	1451	1391	1859	1855	1526	1775	1633	1481	1544	2080	1899	1545	1265	1985	1985	2355	2617
QSO'S REPT'D IN QST CLAIMED SCORE	3430	3614	4936	4870	4124	4806	4620	3358	4452	5678	5392	3756	3454	5684	0	6794	7340
BONUS POINTS	400	900	900	1100	1100	900	700	700	800	800	500	500	800	800	1200	1400	
TOTAL POINTS	3830	4514	5836	5770	5224	5906	5520	4058	5152	6478	6192	4256	3954	6484	0	7994	8740
SCORE REPT'D IN QST	3830	4514	5830	5770	5226	5906	5530	4058	?	6578	6192	?	4054	6584	7994		
PLAQUE POINTS(1)	2380	2987	3750	3712	3483	3875	4177	3074	3848	4915	4613	3156	3042	4919	0	6004	6590

(1) POINTS ARE THE CLAIMED SCORE (FROM QSO's), DIVIDED BY THE SQUARE ROOT OF THE NUMBER OF TRANSMITTERS AND THEN THE BONUS POINTS(QST) ARE ADDED

\*\*ESTIMATED FROM QST SCORE  
\*probably forgot 100 generator bonus points!

Novice row is GOT A after 2001

#There was probably a score correction by ARRL which is accounted for in the 1988 column at novice CW.



## Field Day 2003

I want to thank all of those who made the PAARA field day a success. Especially the hardy team who shared in the work of putting the towers up. If a half dozen people or so don't volunteer for this dirty work it doubles the more difficult part of my FD effort. This year was great! We put up 4 towers that provides mono -banders on 14 through 40 and the tri-bander for CW. Initial inspection on 15 discouraged the Phone station from using this band at all. Therefore the GOTA station had this antenna all to itself and did fairly well with it. The original plan was to put up a fifth tower for GOTA with a 10m yagi, but it was deemed a poor investment of effort and it stayed on the ground. Phone worked almost the entire 24 hours on 20 meters bringing in 1042 Q's. Once the CW station had run through 298 contacts on 40, Phone brought in another 149 using the 3 element KLM monster. For a great view of this antenna and tower going up check out the PAARA web site! Morning moved the Phone station back the 20 meter band and the GOTA station had a chance to use the 40 meter yagi for a while. I'm not sure they fully appreciated what they were getting. (hi hi). Using the tri-band beam, the CW station snagged an additional 158 contacts on 15 and 515 on 20. The single 80 meter 'inverted-V' provided 77 contacts for CW and 95 for Phone. This year showed a new and improved effort in sharing antennas. I hope we can extend this in 2004. Last, but not least was the somewhat independent operation of the VHF and satellite stations. **KR6MR** set up a wonderful VHF station high on an adjacent hill about 500 feet from the main antenna farm. I don't have John's results yet, but I understand they include a contact by **KA7TXV** on 10 Gig! John should be commended for the tremendous effort he put out. A valiant satellite effort was once again made by **AA6PA** and **XYL**, but concentrated action by Mr. Murphy foiled this bonus point effort once again. My congratulations to all, certainly not forgetting the efforts by the operators working under exhausting conditions to achieve a great score. I hope everyone had a great time.

~de, N6NV

## WINTER BANQUET

Mark your calendars now for the joint FARS-PAARA Winter Banquet to be held on Friday, January 23, 2004, at Michaels Restaurant on the golf course at Shoreline Park in Mountain View. Yes, this is the same place where it was held last year, so there will be lots of free parking. You will be contacted by mail with an offer to purchase your ticket to this annual, fun event. (Providing that you are a paid up member of either FARS or PAARA and are on the current mailing lists). There were over 90 attendees at last years Winter Banquet with all sorts of neat prizes and an excellent speaker who provided a rather interesting and informative presentation on antenna's.

This joint club activity is another example of how well hams can communicate and function together. See you all there, next year.

~Terry Finn. AF6TF

## NEW SOURCE OF ENERGY FOUND AS A RESULT OF PAARA FIELD DAY!

PAARA field day is believed to have uncovered a new source of energy. Investigations during the weeks preceding Field Day and during FD weekend itself temporarily harnessed what is believed to be a vast new source of power. While it has been well known that the PAARA FD site harbors enormous resources of methane, (both below and above ground), the new source of energy has apparently been made possible by the direct application of human inspiration. It takes several, (about six), week ends of effort on the part of volunteers to make the PAARA field day achieve the high goals it reaches for. When this extra effort, or in fact form of energy, is so extraordinary it deserves special recognition. I'm calling this new source of energy Killed Good 6 Long Week Ends. I'm hoping next year others will join us in FD preparation and agree to kill good six long weekends with us, making the 2004 field day as much of a success as it was this year.

~de, N6NV

## Another PAARA member's Elmer activity.



We recently learned of the elmer activities of yet another PAARA member. When we checked to verify the story, we actually had to interrogate the PAARA member for the details as he was rather shy and really did not want anyone to know about his quiet but aggressive activities to assist new hams.

**Howard Takaoka, KG6GRO**, a regular attendee of the PAARA functions was the winner of the 2 meter Icom T2HS hand held transciever at the August 03 PAARA meeting. As Howard is a VE and teaches portions of the new ham classes sponsored by FARS (Foothill's Amateur Radio Society), he was in a unique position to give it to a deserving new ham who had just earned her license through that course. Howard believes that it was just the incentive to have the new ham become an active member of the Palo Alto ARES and RACES group.

Howard claims that it was rather gratifying and rewarding for him to give back something to the hobby that he likes so much. Obviously, **Howard, KG6GRO** is an excellent example of our hobby and his actions clearly demonstrate the goodness and tradition of our hobby and its members.

Thank you, Howard.

~Terry Finn. AF6TF

## 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

Item	Property ID	Description	Owner	COMMENTS
R1	CDR Series III	Rotor + Controller, 8 wire with 8 pin Jones connectors & ~75 ft of PAARA cable	PAARA	Mountable to PAARA 60 ft Aluminum tower (Phone)
R2	CDR Series III	Rotor + Controller, 8 wire with 8 pin Jones connectors & ~75 ft of PAARA cable	PAARA	Rotor installed on NM6K light weight AI tower
	CDR Series III	Rotor + Controller, 8 wire with PAARA 8 pin Jones connectors & ~75 ft of PAARA cable	N6NV	Mountable to PAARA Steel CW tower? (one 5/16 bolt)
	CDR Series III	Rotor + Controller, 8 wire with PAARA 8 pin Jones connectors & ~75 ft of cable	N6NV	Available
	Alliance HD-73	Alliance/Dual Speed Antenna Rotator + Controller, 6 wire, with 8 pin female JONES connector	WA6LNV	3/8 mounting bolts, (once used on N6NV 72 ft tower)

**PAARAGraphs October 2003**  
**Celebrating 66 years as an active ham radio club—Since 1937**



**Attention Members and Visitors:**

Raffle Prizes for October 3<sup>rd</sup> PAARA Meeting:

\*Note: 19 Radios are in the hands of 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 October 3<sup>rd</sup>.

**THREE RADIOS + Two FOURTH place PRIZES + BONUS PRIZE**

Come try your hand at winning the

**FIRST PRIZE:** Icom IC-V8, 2 meter, 5.5W, HT;

**SECOND PRIZE:** Icom IC-T2H, 2 meter 6W, HT;

**THIRD PRIZE:** Grundig FR-200 Emergency Radio, AM/FM/SW.

Don't forget about the TWO / FOURTH place raffle prizes plus a Bonus Prize of a 1 year subscription to WORLDRAADIO. 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!

\*(March 2003 – October 2003)

Contact              Kyle, KG6MSK for tickets  
                          ~Jim,K6AK

**Badge Notice**  
the cost of PAARA badges have increased  
the price of \$5 will increase  
after the October PAARA meeting

**PAARA BADGES**

to order one, pay membership coordinator

**Lisa Rice KG6KQS**

lisarice@earthlink.net  
next meeting pick up from

**Don Trask KF6JMQ**

kf6jmq@arrl.net

or contact at next PAARA meeting

# Congratulations:

## PAARA Raffle Prize Winners

September 5<sup>th</sup> 2003

**1<sup>st</sup> Prize: Steve Hill KG6EVZ**

Yaesu VX 150 / 2m / 5W/ HT

**2<sup>nd</sup> Prize: Dan Ryan KG6SGZ**

Icom T2H / 2m / 6W / HT

**3<sup>rd</sup> Prize: Mark Cohen KG6RQL**

Grundig FR-200 Emergency Radio

**4<sup>th</sup> Prize: Mark Cohen KG6RQL**

Gordon West CW Tapes

**4<sup>th</sup> Prize: Adrianus Schrauwen**

**W6AJS**

Multitester

**Bonus Prize: Joel Wilhite KA7TXV**

1 year subscription to WORLDRAADIO

~Jim,K6AK

Join us for pre-meeting eyeball

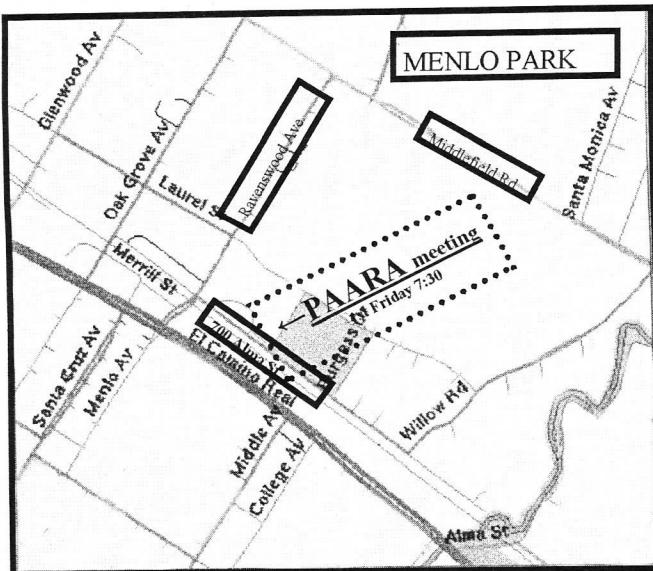
**QSO**  
**Oct 3rd**  
**gab & gobble**

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—



**Want and For Sale ads in  
 PAARAGraphs  
 are FREE to members**  
*(Submit by e-mail or letter before the 15th of the month)*

T. FINN & ASSOCIATES – State License PI 9298

## **INCOGNITO SERVICES**

COMPREHENSIVE PROFESSIONAL INVESTIGATIONS

**TERRY FINN**

Legal Investigations • Surveillance • Covert Video Installations  
 Electronic Countermeasures Equipment & Service

**Phone: 650-363-9100**

web site: [www.incognitoservices.com](http://www.incognitoservices.com)  
 E-mail: [terry@incognitoservices.com](mailto:terry@incognitoservices.com)

Mailing: P.O. Box 189 • San Carlos, CA 94070-0189  
 Office: 234 Marshall Street, # 3 • Redwood City, CA

**HSC**

**Halted**  
*specialties co.*

Electronics • Prototyping Supplies • Computers • Lasers

**Debra Blanke**

Sales

KG6UI

3500 RYDER STREET  
 SANTA CLARA, CA 95051  
[www.halted.com](http://www.halted.com)

PHONES: (408) 732-1573  
 (650) 969-1448  
 FAX: (408) 732-6428

**W6AZ**



Ron Chester  
 Santa Clara  
 (408) 243-2221  
[Ron@taxhelp.com](mailto: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.

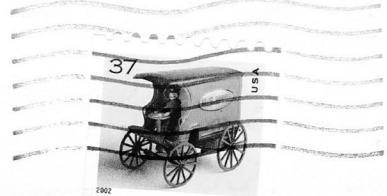
Membership in PAARA is \$12.00 per calendar year which includes a subscription to PAARAGraphs, \$6 for additional family members (no newsletter).

Make payment to the Palo Alto Amateur Radio Association, P.O. Box 911, Menlo Park, CA 94026 -0911

Permission is granted to reprint from this publication with appropriate source credit.

# PAARAGraphs October 2003

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



## FIRST CLASS MAIL

### PAARA Website:

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

## PAARA Forum:

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

Korsak, Andy KR6DD

504 Lakemead Way  
Redwood City, CA 94062-3919

34062-3313 27

**KENWOOD**

**Call For Summertime Specials!**

**TH-D7A** 2M/440

- APRS Compatible
- Built-in 120/9600 Band INC
- DX Bucket Cluster Monitor
- 200 AAMS UTS5
- VC-111 Messaging Control

**Call Now For Low Pricing!**

**TH-G71A** 2M/440

- Visual Communication
- Compatible with FM/HF/VHF/UHF
- Transceivers 1.3" TFT Color LCD Display
- Store pictures in memory
- (32 seconds for amateur)
- Download in PC.
- Down load speaker + mic.
- (with special antenna)

**Call For Low Pricing!**

**TS-870S** HF Transceiver

- DSP in F. Stage • 100W. 120°C.
- Digital mode rate reversion
- Built-in 999 Memories
- TS-870S Windows Software incl.

**Call Now For Low Price!**

**TM-261A** 2M/Mobile

- 50W + 10W and CW
- Dual Manual/DTR Memory
- Dual Microphone & Antenna Numeric Function
- Backlit micro & built-in include

**Call Now For Special Low Price!**

**TS-570DG/T/S-570SG** HF Enhanced

- (Low HF. 100W on 6M) TS-570SG only
- 2M HT CW optional
- 40 memories
- Encoder Built-in

**Call Now For Your Low Price!**

**TM742AD** 2M/Mobile

- Optional 3rd band available • Back-lit mic
- Up to 303 memories • 10 per band
- P. Encoder Built-in • Removable front panel

**Call Now For Your Low Price!**

**RAM Radio Outlet**

WORLDWIDE DISTRIBUTION