

W6OTX

PAARA NEWSLETTER
VOLUME 54, NUMBER 11, November 2005

K6OTA

K6YQT

PAARAgraphs



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



CALENDAR



- November 4 **PAARA Meeting**
7:00-9:30
Menlo Park Rec Center
700 Alma Street
Menlo Park, CA 94025
- November 9 **PAARA Board Meeting** 7:00pm
Red Cross Bld., 400 Mitchell Lane Palo Alto
(due to Parking Lot problems location may change, check net before Bd. meeting)
- October 23 **PAARA Fest**, 11-4, *see page 119*
- December 2 **PAARA Meeting**, 7:00pm
December 7 **PAARA Board Meeting**, 7:00pm



NEXT MEETING

November 4, 2005

Speaker:

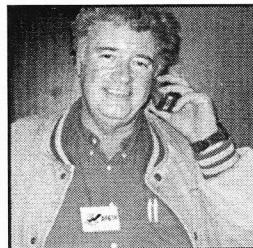
Program:

November Program not known at press time

~Peter K6WEB

PETE UCCELLI

Pete Uccelli died at 84 on Sept. 22 of cardiac arrest while vacationing in Marina Del Rey. He went to sleep and never awoke. It is assume it was his heart as he had had heart trouble and a couple of pace makers over the years. Pete built, owned and managed "Pete's Harbor". He permitted PAARA's use of the peninsula many years for Field Day.
(full obituary in San Jose Mercury Oct 15, 2005)



President's corner

Mark your calendar's now for some special social event's just for ham's coming up in the next few months. Sunday, October 23 from 11 am to around 4 pm a special PAARAFest will be hosted by **Joel Wilhite**,

KD6W and his wife Margaret at their home in Menlo Park. For details please see the announcement in this edition of PAARAgraphs. PACIFICON 2005 is set for the weekend of October 15 across the bay in San Ramon. Friday, January 20, 2006, the annual joint PAARA/FARS winter banquet will be held at the same place as last year. *(page 118)* There will be a terrific speaker as arranged by Jim Rice and of course the outstanding raffle of radios, books and things.

Kristen McIntyre, K6WX, the chairperson of the nomination committee has prepared a list of qualified candidates for the election to be held in December. The technical committee has been enabled to assist the grant writer in preparing the appropriate material for our proposal. As usual, things are moving right along with our PAARA activities and the Board of Directors is responding to your specific requests. See you at the meetings.

~73: Terry Finn. AA6T.

PAARA Election for 2006

Officers:	candidates
President:	AA6T, Terry
VP:	K6WEB, Peter
Treasurer:	W6AZ, Ron
Secretary:	W6AJS, Adrianus

Board members:

2yr: (two positions open) N6NV, Gerry

1yr: (one position open)

N6NU, Andreas

K6EF, Mark

W6DH David

nomination chair~Kristen (K6WX)

Miscellaneous Info

VE Exams, 3rd Saturday each month, 10:30AM, 145.23- PL=100Hz
 Redwood City Main Library, Community Conference Room
 1044 Middlefield Road, Redwood City, CA
 contact: <http://amateur-radio.org/> or Al, WB6IMX@att.net

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

LIVERMORE SWAP MEET. Now in Robertson Park, Livermore, every first Sunday of the month. 7 am to 11:30 am. Free admission for buyers. For further info, see: www.larkswap.com or contact Ian Parker, W6TCP at swapmeet@livermoreark.org

PAARA Palo Alto Amateur Radio Association
 meets 1st Friday 7:30pm each month, Net 145.230 each Monday 8:30,
 contact: <http://PAARA.org/> or Terry Finn, AA6T, 650-366-9111

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

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

NorCalQRP Northern California QRP Club
 meets 1st Sunday each month
 contact: <http://www.norcalqrp.org/>

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

SCARES South County Amateur Radio Emergency Service
 meets 3rd Thursday 7:30pm each month, San Carlos City Hall.
 Net is on 146.445 [PL 114.8] & 444.50 (PL-100) 7:30 Monday evenings.
 contact: President Phil Stripling, KG6ILU. 650-342-6648, <http://k6mpn.org/>

SCCARA Santa Clara County Amateur Radio Association
 Operates W6UU & W6UU/R, repeater 146.985-pl
 Nets: 2m, 7:30pm Mon; 70cm, 442.425+ (pi 107.2) Thur.
 meets 2nd Mon each month @ 7:30 PM.
 contact: <http://www.gsl.net/sccara/> or Clark Murphy KE6KXO 408-262-9334
 ARRL/VEC license testing contact 408-507-4698

SVECS Silicon Valley Emergency Communications
 Operates AA6BT repeater (146.115 MHz+)
 contact: <http://www.svecs.net/> or Lou Stierer WA6QYS 408 241 7999

WVARA West Valley Amateur Radio Association
 W6PIY six-meter repeater on 52.58MHz. Normally, six-meters is linked with 147 and 223,
 while 441 and 1286 repeaters are linked.
 VHF: 52.58 (-500) 151.4 ctss UHF: 441.35 (+5.0 88.5) ctss
 147.39 (+600) 151.4 ctss 1286.20 (-12m) 100.0 ctss
 223.96 (+1.6) 156.7 ctss
 meets 3rd Wed every month.
 contact: <http://wvara.org/>, Bill Ashby N6FFC, 408-267-3118, N6FFC@Juno.com, or N6FFC@ARRL.NET

DISASTER SERVICES

American Red Cross, PALO ALTO AREA CHAPTER
 400 Mitchell Lane
 Meets 3rd Wed. each month 7:30PM
 HF, packet, BBS, ATV, OSCAR Gateway, NASA satellite.
 contact: <http://paarc.org/> or Mac Millian 650-688-0423. MACM@paarc.org
American Red Cross, SANTA CLARA VALLEY CHAPTER
 contact: <http://santacalaravalley.redcross.org/> or Scott Hensley KB6UOO, (408) 967 7924
 fhensley@Novell.com

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

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

Text: WORD, MS Publisher, RTF, or ASCII
 Photos: JPEG or TIFF raster images
 Diagrams and ads: AI, EMF, or EPS vector files

PAARA Web/WAP site: www.paara.org

Palo Alto Amateur Radio Association, Inc.

PO Box 911 Menlo Park, CA 94026

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aa6t@arrl.net
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k6web@arrl.net
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w6ajs@arrl.net
 Treasurer..... Ron Chester, W6AZ 408-243 2221
w6az@arrl.net

Directors

Past President..... Andreas Junge, N6NU 650-233-0843
n6nu@arrl.net
 Director ('05)..... Gerry Tucker, N6NV 650-326 4908
n6nv@arrl.net
 Director ('05)..... Rolf Klibo, N6NFI 650-856-2748
n6nfi@arrl.net
 Director ('05)..... Bob Korte, KD6KYT 650-595 1842
rgk4u@aol.com
 Director ('06)..... Kristen McIntyre, K6WX
k6wx@arrl.net

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

Appointed Positions

Membership Vic Black, AB6SO 650-366 0636
ab6so@smm.com
 Membership Lisa Rice, KG6KQS 650-851-2274
lisa.rice@sbcglobal.net
 Database Lisa Rice, KG6KQS 650-851-2274
lisa.rice@sbcglobal.net
 Chaplain Rev. Rick Line, KG6TMD 650 323 8544
kg6tmd@arrl.net
 Station Trustee W6OTX & K6YQT Gerry Tucker, N6NV
 Station Trustee K6OTA.. Ron Chester, W6AZ
 Property Manager Gerry Tucker, N6NV
 Badge Coordinator..... Doug Teter, KG6LWE 650-367-6200
dteter@wcwi.com
 Raffle Coordinator..... Jim Rice, K6AK 650-851-2274
 Ticket Master Kyle Rice, KG6MSK
 Field Day Coordinator Gerry Tucker, N6NV
 ASVARO Rep Rolf Klibo, N6NFI 650-856-2748
n6nfi@arrl.net
 Webmaster..... Peter Sheerin, K6WEB

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ab6so@smm.com
 Good Old Stuff Andy Korsak, KR6DD
kr6dd@arrl.net
 The Satellite Beacon Emily Clarke, W0EEC
w0eec@arrl.net

LIFE MEMBERSHIP

Awarded by Action of the PAARA Board
Ron Panton, W6VG July 2003
Joe Gomes, KB6HDC May 2004



PAARA HONORS

“Shad” Shadowens. K6CZ

by Terry Finn AF6TF

Wilber Lamont Shadowens. K6CZ.

Our very own K6CZ has the surname of 'Shadowens', which is rather uncommon as the Shad part is Welch, while the Owens part originated in France. For the most part, he is referred to simply as: 'Shad'. He was born in 1922 in Carterville, southern Illinois in an area which is called little Egypt by the locals as the town of Cairo (pronounced Karo by those same locals) is located at the confluence of the Ohio and Mississippi rivers.

The small town of Carterville is located about fifty miles to the north east of Cairo in the coal mining and farming region. This geographic area was hard hit by the great depression and offered few opportunities for eager young men who lived and worked there. Shad mentioned that his first name of Wilber was given to him by his father who named him after his hero of the time, Wilbur Wright. However, the name may have been misspelled with an e instead of a u by the Doctor who delivered him, when he filled out the birth certificate at the family home. Shad's middle name of Lamont was given to him by his parents who took a fancy to that name as it was one of the two police officers in their small town. Shad's parents were themselves only nineteen years old at that time.

As often happens, families may use the middle name more than the given first name, so Shad's full name of Lamont Wilber Shadowens appears on his Passport and licenses. In high school he was known as 'Shadow', not to be confused with Lamont Cranston in the fictional radio story series known at the time as, 'the shadow'. Later in life it was shortened to Shad.

Around the time of his fifth birthday, Shad was fascinated by a flight over head of his home of an enormous dirigible, popular then, at low altitude which seemed to fill the sky. This may have been the catalyst for Shad becoming an airline pilot.

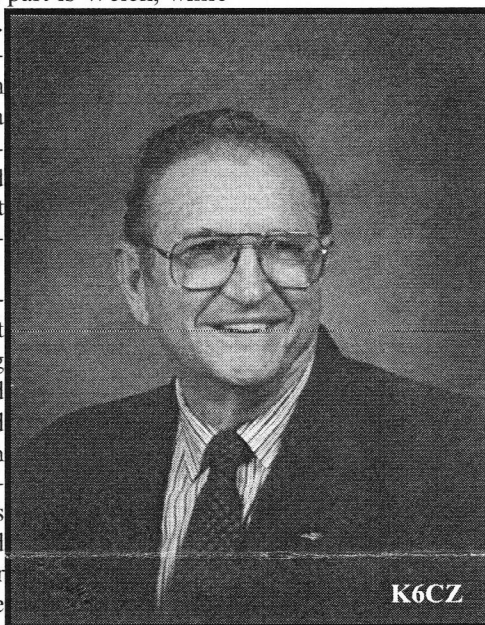
During his high school experience, Shad can recall less than five hundred students attending the whole school. There was a critical lack of science materials so the chemistry classes were cancelled before he graduated. Shad developed an interest in radio during this time and can recall purchasing a book entitled, 'Audel's Radioman's Guide' for the sum of four dollars. After much studying from this and several other radio books of the era, Shad became skilled enough to

become the local radio repairman in his town. He can recall being given several old radio's manufactured by Philco; Farnsworth and Atwater Kent so he could experiment with radios. These radios were donated to him by the only department store in town, so he could learn all about radios through experimentation and a lot of studying.

Shad's electronic and radio experimentation became intense as he read, experimented, listened to short wave communications and practiced copying morse code transmissions. He built up his code speed with a plan to travel up to

St. Louis, Missouri, over one hundred miles away, to take the General class radio test. He would have to hitch hike up to that City, but it did not come to pass before December 7, 1941.

Shad believe that he was a real scientist during high school. While other boys were shaving lemonwood staves to make archery bows, he was building a five tube radio receiver by winding the coil and matching the appropriate salvaged variable capacitor as a senior class physics project. He remembers being the 'wow' of his class mates and can recall that the girls were starting to take notice of him. In an article that appeared in the high school newspaper about him, Shad was quoted as saying that the real future for him might be working as a radio operating engineer at one of the 250 KW broadcasting



K6CZ

stations in the area. Shad recalls building a transceiver which allowed him to communicate illegally with the forest rangers who manned the fire watch stations in the forested area of southern Illinois. They were eager to rag chew with any voice, although Shad was always worried about a Government radio tracking truck filled with G men coming to take him away. It kept him alert and rather careful about not identifying himself.

The radio waves were full of speeches and news of Adolf Hitler in Germany. Shad recalls listening to Hitler stirring up the crowds in Berlin as it was broadcast around the World by radio. He can still recall listening deep into the night of the invasion reports on the radio from Poland & northern Europe.

Just after the Japanese sneak attack invasion at Pearl Harbor, Shad hitch hiked to Dayton, Ohio. He stayed briefly with his grandparents and then presented himself at Wright Patterson Army Airfield to enlist in the Air Force. Once he had completed the written questionnaire, the interviewer gave Shad a note and told him to report to a specific building on the base. The note said, 'Mr. General, can you use this man ?. Wow, thought Shad, a real General !! As it turned out, Mr. General (his real name) was in charge of the airborne radio repair shop and immediately took Shad in as a keen, bright new radioman.

(Continued on page 118) Shad K6CZ

(Continued from page 117) Shad K6CZ

Within a few days, Shad was sent to the Western Electric Bell Telephone lab in New York City to study a new airborne device called 'radar'. Even the word 'radar', seemed to be a secret in those days. His parents wrote to him later and advised him that Federal Government agents had been to his hometown and conducted an investigation on him to clear him for a 'top secret military/government clearance'. It was a good thing that they did not determine the depth of his involvement in the booze and bootlegging activity he was part of with the forest rangers.

Upon graduation, Shad was sent back to the Wright Patterson Army Air Field in Dayton, then on to Philadelphia, where he studied the first IFF (identification friend or foe) equipment that was being tested and designed at Philco Corporation. Today, these devices are known as transponders. In those early days, the IFF hardware on board the aircraft were equipped with a secret stick of dynamite, triggered by an inertia switch which would destroy the equipment if the aircraft crashed. The pilot could also activate the explosive device if capture was imminent. They simply did not want the enemy to obtain the new secret equipment or know of its existence.

Shad was now in the big leagues of Air Force secret technology. He spent the Second World War years working in a lab in Hawaii on a secret project know only as 'Project X'. Their mission was to develop, test and maintain airborne radar equipment at Hickam Field. Another secret elsewhere in the Country was, 'Project Y', which was the Norden Bombsight.

Shad remained in Hawaii after the war and took flying lessons while he sold real estate. By 1952 he was flying for Hawaiian Airlines and in 1953 he received employment offers from Eastern; TWA and the Flying Tiger Line all on the same day. He took the Flying Tiger Line job and worked there for thirty years until he was forced to retire at age 60 in 1983. During that time, Shad became a Captain on many aircraft including the DC-3; C-46; DC-4;

DC-6; Lockheed Super Constellation; Canadair CL44; DC-8 and the Boeing 747. He became Vice President of Worldwide flight operations in 1978 and returned to the flight line as a senior 747 captain during his last two years there. Shad qualified as an instructor and a check pilot with over 30,000 hours of actual flight time logged. He owned several aircraft of his own over the years, but the one he was fondest of was the Beech 18 light twin that he used to take people up to Lake Tahoe from the greater San Francisco bay area. He did this often during his time off from the airline and sold real estate to prospective buyers. He can recall selling lots at Tahoe during the sixties for around four thousand dollars.

Shad spent a lot of time in real estate, not only with his initial selling experiences in Hawaii, but he became a licensed real estate broker in Illinois in 1954 and in California in 1967. He also attended Law School in San Francisco where he graduated from Lincoln Law School in 1983 and passed the extremely difficult California bar exam in 1989.

This is a man who just never slows down or stays idle for any reason.

Shad is an accomplished and published poet with much of his work being organized and published by either The Poet's Corner or The Poet's Loft of Hot Springs, Arkansas. He is a recognized poet member of the Poet's Society of the United States. His most famous and often published and quoted work is entitled; 'Dawns Early Light'. He is the past president of the Airline Pilots Association of American. Shad is also part of the recently released, two CD, collectors edition of the John Wayne movie entitled;

'The High and The Mighty'. Not only is Shad's well known poem shown in this movie, but he is actually interviewed as a commercial, over seas pilot who flew during the early fifties when the film was researched and made. This is a must see and hear movie on disc, especially the interview with Shad and several other pilots and a flight attendant of the time. It is quoted under the heading, 'Flying in the Fifties'. It closes with Shad's famous poem on the screen being read by an actor. This is our very own PAARA member. Shad has said that he will autograph this special two CD movie for any PAARA member who happens to catch him at a PAARA meeting and he will not charge anything.

Shad finally became legal and obtained his long sought after Extra class license in 1997. His call sign was KN6GW. He has since changed his call to K6CZ. He lives in Woodside and uses a Kenwood transceiver for a base station and a G5RV dipole for a base antenna.

PAARA welcomes Shad as a member of our rather unique radio club family. Please say hello to Shad at the meetings or events. He is rather friendly and has a lot of life experience to share.

~Terry Finn. AA6T.

NEW LADY HAM IN PAARA. KI6AWW.

Long time XYL **Geri Korte** has recently taken and passed the Technician test and has been issued call sign: **KI6AWW**. Her very well known OM, Mr. **Bob Korte, KD6KYT**, is so pleased and proud of her. Many PAARA members will recall meeting Geri at various PAARA functions and meetings. Please welcome her into our radio club and congratulations Geri!!

~Terry Finn. AA6T.

PAARA/FARS Winter Party

There is a sign up form on the FARS web site (www.fars.k6ya.org), one for FARS and another for PAARA. Click on the banquet link and look for the PAARA sign up link. Feel free to copy/steal it. I'm also setting up an on line sign up form where people can sign up and pay using PayPal or a credit card. It should be ready in about a week.

Mikel, kn6qi

PAARAFEST or OCTOBERFEST ?

Joel Wilhite, KD6W and his rather understanding wife Margaret, have agreed to welcome PAARA members and their significant others into their Menlo Park home during the daylight hours of 11 am to about 4 pm, Sunday, October 23/05.

This is a BYOB event (bring your own bottle of refreshment and food item) so you can barbeque it and possibly share it with others. Kindly bring along a few picnic items of your choice like napkins, plastic eating utensils, etc. Thank you for your consideration.

Costumes will be judged, stories will be evaluated, rumors may be spread and you are most welcome to come on over for a visit.

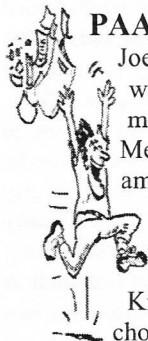
701 Menlo Oaks Drive, Menlo Park, 94025, just east of our regular monthly meeting location.

~Terry Finn. AA6T

There is plenty of space for people to set up tables in the yard for both, food consumption and sale items (a mini flea market) if they wish. We have a very limited amount of chairs and tables. It would be our pleasure for those that don't want to prepare a picnic basket, we can sell hot dogs, sodas, water, beer? My son will be more than happy to run around with his squirt gun and get you wet, for free.

Parking will be on the street surrounding the Wilhite compound. Anybody that needs to drop off stuff in advance like tables, food, junk, etc. can do so starting after 9am. Spill over parking is available at nearby Peninsula School a 3 minute walk down the street.

~Joel KD6W



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701 Menlo Oaks Drive, Menlo Park, 94025, just east of our regular monthly meeting location.

~Terry Finn. AA6T.

PAARA BADGES

To order one, contact our Badge Coordinator:

Doug Teter, KG6LWE

dteter@wci.com



BOARD OF DIRECTORS MEETING.

The PAARA Board of Directors met on Wednesday evening, September 14/05 at the new time of 1900 hours. In attendance were the following PAARA members.

President **Terry Finn, AA6T**: Vice President **Peter Sheerin, K6WEB**: Treasurer **Ron Chester, W6AZ**: Past President **Andreas Junge, N6NU**: Board members **Kristen McIntyre, K6WX**: **Gerry Tucker, N6NV**: and **Bob Korte, KD6KYT**. Missing due to health problems or out of State travel was Secretary **Adrianus Schrauwen, W6AJS** and **Rolf Klibo, N6NFI**.

Visiting the Board meeting were: PAARA name badge coordinator **Doug Teter, KG6LWE**:

David Ungar, W6DH: **Stant Towle, WA6ZGI**: **Joel Wilhite, KD6W** and the grant proposal writer **Bruce Parsons**.

Both the Secretary and Treasurer's reports were accepted as presented. The PAARA membership list will be distributed personally to members at the meeting in November and December. It will not be sent out as part of PAARAGraphs. This will protect the members from having their address & other info farmed by commercial interests who obtain a copy of PAARAGraphs. **Peter Sheerin** will work with **Lisa Rice** immediately to clean up the list and prepare it for distribution.

The Bylaw Revision Committee presented their first report through the Chairman, **Ron Chester**. We learned that there has not been any up-dates to these club organizational documents for many years and it still requires a lot of committee work. They were asked to continue and report again in the future. It will include such things as the PAARA constitution; articles of incorporation and statement of purpose. The committee will also consider our current IRS 501 c 3 status and whether or not it should be changed to a c 4 status to allow donations to PAARA to become a tax write off for the donor. **Gerry Tucker** has been appointed to serve on that committee as he has many years of PAARA history and knowledge available to assist with the decisions. The request to subscribe to a monthly newsletter that provides detailed information on what grants are available and how to apply for them was dispatched by a vote. The technical committee to assist the grant writer in preparing the ultimate, detailed grant proposal was appointed and includes **Joel Wilhite, Bruce Parsons, Bob Korte, Rolf Klibo, Peter Sheerin** and **Terry Finn**. The meeting was adjourned at 2130 hours and many of the attendees traveled to MacDonald's in Menlo Park for refreshments.

Submitted by: Terry Finn. AA6T. who was filling in for the missing Secretary,

Adrianus Schrauwen, W6AJS, who was excused.

PAARA Web/WAP site

<http://paara.org/>



Time Travel

with PAARA's Expeditionary Force
 by Vic Black AB6SO

Mobile Ground Unit Activated

PAARA's Expeditionary Force responded the first weekend in October to initiate the 2005 contesting season with the Fortieth Anniversary California QSO Party (CQP). Various state QSO parties throughout the year encourage HF operation for those seeking to Work All States (WAS) and County Hunters answering the major challenge of working and confirming all 3,077 US counties. A handful of hardy folks have even operated FROM all US counties.

In 1975, Redwood City resident **Rusty Epps W6OAT** adopted the contest and established the winning formula which has made CQP the most popular of all state contests. The format is unique. Californians strive to work all 50 states plus 8 Canadian provinces and districts (Maritime Provinces, Northwest Territories plus VE2 thru VE7) for a total of 58 "multipliers".

Operators in Canada and the rest of the US seek out all 58 California counties. This creates an exciting and even playing field. Non-California stations may work only Californians. You may work a station for points credit on both SSB and CW on each HF contest band from 160 meters thru 10 meters plus SSB, CW and FM on 6 and 2 meters as an added incentive for Tech licensees. Total your earned contact points and multiply by the number of multipliers for a final score.

Most contests merely list scores in eight point type in magazines, but CQP awards real prizes. Participation awards include certificates, engraved plaques, commemorative coffee mugs, custom tee-shirts and custom labeled bottles of wine with entry names and callsigns for various entry classes.

Working all 58 multipliers is known as a "sweep". Prizes are available for sweeps and also for "First to 58", the first log to mark a sweep. In 2004, 662 logs were submitted, up from previous years.

Many California counties are considered "rare" because of a lack of active participants. They generate pile ups reminiscent of DXpeditions. Some single operator entries manage to make 2000 or more contacts (100 or more per hour) with multi operator entries approaching 4000 contacts during the weekend. The contest sponsor, Northern California Contest Club (NCCC), encourages LXpeditions, or local expeditions, to swarm over rare counties. Mobile "rover" stations may be worked for points and multipliers every time they enter a fresh county.

Although NCCC secretly salted the ionosphere prior to the contest to ensure good propagation, they held back on the salt so 10 meters didn't work as well as hoped. All other bands were in much better shape than predicted at this low point in the sunspot cycle. Most activity centered on 20, 40, 80, and to a lesser extent, 15 and 160 meters.

Rick Huisman N6DQ mounted an ambitious effort by attempting a mobile expedition assault on California's most northwesterly county, Del Norte. Part way up the coast he discovered how big California actually is and stopped about 150 miles north of San Francisco near Santa Rosa in Sonoma County to make his effort from there while the contest was still in progress. Otherwise he might still be driving.

Steve Leander KV6O made a run for the border and worked from a friend's desert station in San Bernardino County, diametrically opposite from **Rick Huisman's** original goal. This is where it got complicated. **KV6O** used call-sign **K6VO** with Irvine, CA operator **Dana Roode K6NR** from the Roode Family Radio Club station K6VO. No problem except late at night when you'd like to go on cruise control, but have to keep the callsigns **KV6O** and **K6VO** straight in your mind. **K6VO** boasts a Force-12 C3E at 65', a 40 meter four square, a full-sized 80 meter quarter wave vertical with 66 radials, an inverted-L for 160, and miscellaneous other transmit antennas. There are north and east facing 300' beverages and **K9AY** receiving loops.

Even more ambitious was the deployment of an all out mobile rover adventure by driver **Kit Blanke WA6PWW** and operator **Ron Chester W6AZ**. They worked 40 and 20 meters SSB & CW as well as 80 CW using computer logging. Long drives require careful logistical planning to avoid wasting time setting up and tearing down lots of equipment. Fuel stops must be carefully timed when traveling on gravel back roads hour after hour, especially at night. This results in a series of carefully planned finite journeys, one county at a time. You quickly learn to avoid letting small problems cascade into major problems. They recorded over 20 hours continuous driving, mostly over wash board gravel roads covering more than 580 miles at elevations over 7500 feet at times in order to log as many counties as possible. Their odyssey took them through Santa Clara, Contra Costa, Solano, Sonoma and Marin counties prior to and after their operation with contacts made from Alameda, Napa, Colusa, Glenn, Tehama, Mendocino, and Trinity counties. They made a 20 minute layover in Lake County where the road penetrated only a few miles into the county. There were a few emergency stops to avoid wild life such as deer, quail, rattle snakes, road runners and miscellaneous unidentified critters that ran out to test Kit's driving reflexes.

Kit Kohlmoos W6ISO manned the home front to amass an admirable 47905 points from San Mateo County. Likewise, **Jack Troster W6ISQ** stayed home to earn 2109 points with paper logging and duping, also from San Mateo County.

Vic Black AB6SO stayed near home to work mobile from his secret DX location at the Palo Alto Wetlands Wildlife Refuge near the bay. The refuge is home to the rare and endangered Clapper Rail and the Salt Marsh Harvest Mouse, found nowhere else on earth. Visitors included ground squirrels plus 2 male and 3 female ring neck pheasants that sat next to the driver's door to listen to the SSB. The origi-

(Continued on page 121) PAARA Expeditionary Force

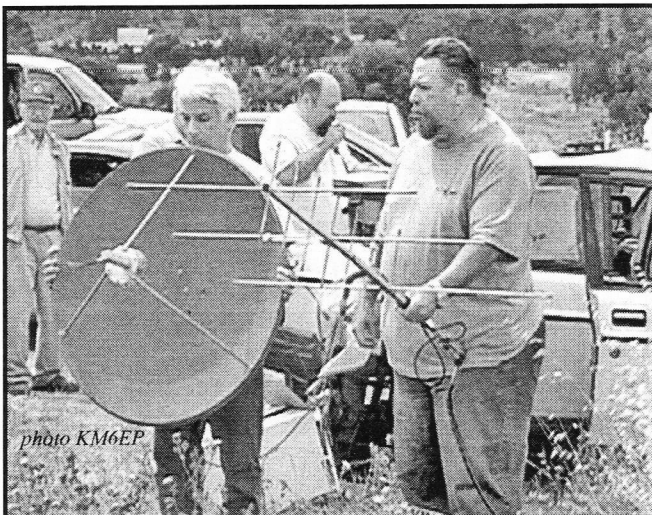
(Continued from page 120) PAARA Expeditionary Force

nal plan was to drive out to nearby, but somewhat rare, counties such as Yolo, Glenn, Colusa or Butte north of Sacramento, but memories of free-range feeding mosquito ranches near the rice paddies reminded him of why these are rare counties. On the plus side, by staying away there were no worries about malaria, dengue fever, yellow fever, avian flu or west Nile virus. Careful avoidance of rodents prevented Hantaan virus, Argentinean hemorrhagic fever and bubonic plague. (Travel CAN be hazardous).

Running 50 watts to a mobile whip with manual duplicate checking and logging resulted in 85 SSB contacts from Santa Clara County to stations all over North America including semi-rare ones such as Yukon Territory and Alaska. Contacts were spread out over 40, 20 and 15 meters with one on 10 meters. Operation had to stop at sundown as the reserve closes at night. Tactical error number one was sleeping late on Sunday. Error number two was failing to ford San Francisquito creek into San Mateo County on Sunday in order to work everyone all over again to double the score.

When I was younger I raced bicycles for over 20 years. There were only five requirements in order to win a road race. They were Speed, Strength, Skill, Endurance, and the Will to Win. A little bit of cunning and good fortune were bonuses. That's a pretty simple formula. I considered things like bowling and golf as games rather than sports. Now that I'm a little older (err... I mean wiser) I realize that just staying in the chair for a 24 hour radio contest is a major sport in its own right. No matter what your score, the exhilaration and the shower after the competition are still highlights of the effort.

FIELD DAY 2005



Scene from "Adventures at Field Day" video depicting PAARA activity during the recent Field Day event where members were attempting to contact an overhead satellite. The video shows the final result, captured with inferred video, later that night.

~Dick KM6EP

PAARA QSTs

PAARA OLD AND NEW-QST

de **CHUCK N6VFH**

During the October 3rd PAARA net, Net Control **Pink KG6ILA** was kind enough to extend an invitation for me to visit the October 7th meeting; and other things being feasible I wasn't going to ignore Pink's and PAARA's hospitality - so I showed up.

For purposes of re-introduction, I'm **N6VFH**. The handle is **Chuck Johnson**.

QTH San Jose. I'm not really a part of the "new" PAARA but I was indeed a part of the "old" PAARA (old being the mid 80s to early 90s vintage). During that time I was a PAARA Board Member, Newsletter Editor and miscellaneous Task Force Member during the Presidencies of **Gerry Tucker WA6LNV** (now **N6NV**) and **Lily Anne Hillis N6PGM**. It was a critical time for ham groups, PAARA included; and I was glad to have been able to do what I could during those years.

It was a great time, when so much was achieved by what **Gerry N6NV** (then **WA6LNV**) called the famous PAARA "shoestring catch". We hammed it up, we served the public and we had fun - hard to beat that kind of synergy in an era pre-internet, pre-pc and pre-wireless-revolution! I salute all the past members and officers for their valiant service of the cause of ham radio and having a good time. I had the honor of being the PAARA Newsletter Editor during a transition period roughly comparable to that of the ARRL in the switch from small-format to large-format QST's. I ended the era of small format PAARAgaphs. Though it was an era of 5 ½ by 8 ½ and not 8 ½ by 11 it was a fine run. Brevity of text and essential qst's were the order of the day and they did the job of keeping folks posted and at the meetings and events during those years of busy PAARA activities. I salute my illustrious predecessors (not all of them) but most directly **Rick Ferranti WA6NCX** of Harvard and **Ken Dueker KB6BPM** of Harvard; the latter handed me the Editorship back in 1987 at the PAARA picnic at **Ron and Helga Panton's (W6VG's)** qth. Seems like only yesterday - or maybe the day before yesterday.

I also salute my intrepid successor **Wally Porter K6URO** for his yeoman service into the current era. His thoughtfulness and support during my "retirement" will always be remembered and appreciated. PAARA seems to be a more organized organization these days and that's great. It is good to be able to drop by as we can and to see the great things you are doing. The PAARA net - now a fancy repeater deal - is a great resource, and I'm glad to check in when possible. In the olden daze of simplex I would have to have an 8, or 11 or 22 element yagi to shoot my HT signal into PAARA land from my San Jose qth, but nowadaze it's all very luxurious.

To ALL you modern day PAARA folks ? Keep up the Good Work and Thanks Again for your hospitality to a PAARA alum.

~73 from **N6VFH**

Newsflash! 2005 Field Day Results

PAARA: Pacific Division 4A Champion

The ARRL has posted the results of this year's Field Day on their website. The PAARA strategy for raising our rankings by moving up from Category 2A to 4A was completely successful. PAARA improved from 2004 to 2005 by every standard of measure, finishing as the Category 4A Champion in the Pacific Division.

Our claimed score of 6,378 points on 1,939 QSO's was confirmed in the official results.

See the chart of Field Day Comparisons to see how our rankings improved from 2004 to 2005. We ranked #150 in the nation out of all entries (#182 in 2004) and #15 in our category (#56 in 2004.) Once again we won our category in the Santa Clara Valley section, but this year we also won our category in the entire Pacific Division (#4 in 2004.)

The Stanford club (W6YX) had the highest score in the SF Bay Area with 21,796 points from 7,250 QSO's. In fact they were #4 overall in the nation (#3 in 2004.) But they had the advantage of using commercial power, six transmitters, and their impressive antenna farm of fixed towers and beams in their special 6F category.

Our results look pretty good in comparison when you consider that we were limited to the use of emergency power, fewer transmitters and only temporary antennas.

Only 6.8% of all entries in the nation beat our score (8% in 2004) and only 11% of all entries in our category beat our score (12% in 2004.)

We look forward to another successful Field Day operation in 2006!

	year-	2,004	2,005
Field Day Comparisons			
Entry Totals			
# Field Day entries, All categories		2,249	2,206
# Field Day entries, Our category		455	127
# Field Day entries, Pacific Division		126	114
# Field Day entries, SCV Section		32	31
PAARA Results			
Total Points		6,004	6,378
# QSO's		1,764	1,939
PAARA Rank for All entries in:			
Entire Nation		182	150
Pacific Division		11	8
SCV Section		4	4
PAARA Rank in Our category in:			
Entire Nation		56	15
Pacific Division		4	1
SCV Section		1	1

~Ron Chester, W6AZ

#	Call	Score	Category	QSOs	PWR	GOTA Call	Section	Participants	Club
1	W5QGG	12,518	4A	3,780	2	W5PBR	WTX	50	Midland ARC
2	K1RK	11,948	4A	3,238	2	W1NOB	EMA	107	Falmouth ARA
3	W4CA	11,442	4A	3,623	2	KK4HR	VA	120	Roanoke Valley ARC
4	W0DZ	9,382	4A	2,727	2	W0FT	CO	25	Colorado Mountain Moguls
5	W8VPV	9,156	4A	2,608	2		OH	31	Cuyahoga Falls ARC
6	K7TR	8,892	4A	2,884	2		AZ	12	Scottsdale/Thunderbird ARCs
7	N7OS	8,552	4A	2,200	2	N7IH	WWA	45	Microhams Icom and RTKCC
8	AE2F	8,304	4A	2,686	2	KC2GWK	ENY	60	Westchester EmCom Assn
9	W0MA	8,268	4A	2,243	2	W0TT	MO	15	Boeing Employees ARS
10	W8UM	8,218	4A	1,869	2	W8PGW	MI	24	ARROW Field Day Team
11	W4VA	7,798	4A	2,384	2	N2VA	VA	25	Fauquier ARA
12	W9AZ	6,804	4A	1,855	2	W9Z	IL	12	
13	K3YTL	6,582	4A	1,925	2		EPA	26	Murgas ARC
14	K0KKV	6,414	4A	1,977	2		NE	50	Lincoln ARC
15	W6OTX	6,378	4A	1,939	2	K6OTA	SCV	132	Palo Alto Amateur Radio Assn
16	W3OC	6,308	4A	1,495	2		WPA	33	Twp Rivers ARC
17	W7Q	6,150	4A	1,651	2		OR	35	Hoodview ARC
18	KU6S	5,434	4A	1,333	2	KG6UYW	EB	60	South Bay ARA
19	N1VT	5,322	4A	1,443	2	AB1CH	VT	25	Green Mountain Wireless Society
20	W6IER	5,298	4A	1,742	2	K1USC	ORG	53	Inland Empire ARC
21	W4CUE	5,102	4A	1,245	2	WG4Y	AL	85	Birmingham ARC
22	K7RX	4,698	4A	1,038	2	KD7WBP	WWA	26	Northwest Society of Amateur Radio
23	W7SAA	4,672	4A	1,243	2	KK7LU	OR	60	Salem ARC
24	N1WM	4,560	4A	1,033	2		WMA	30	Northern Berkshire ARC
25	VE3OW	4,016	4A	1,295	2		ON	15	The Sun Parlour Retirees ARC

~Gerry Tucker, N6NV

PAARA Nov. 4th Meeting and Raffle “The Friendliest Club Around”

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

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

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

Welcome Members and Visitors / Raffle Prizes:

FIRST PRIZE: Alinco DJ-196T2m / 5W / HT

- 40 memory channels
- 5 watt output with standard battery
- MARS/CAP capability
- Back-lit keypad
- S-meter
- Autodialer
- Cable Cloning
- Theft Alarm!



SECOND PRIZE:

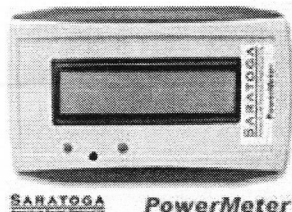
Heil “The Traveler” Headset and Cable For Your Radio

Heil ‘iC’ Boom Mic Element
Pendant Switch / PTT & Up/Down Frequency Control
Interface Cable Included



THIRD PRIZE:

Programmable Power Meter



Displays Instantaneous: Voltage, Current, Power, Hi & Low Voltage Warning, and alarm status.
It shows Cumulative (since last reset): Amp, Watt, and Time Hours along with High & Low Voltage and Current.
Thanks “Ham Stop”

FOURTH PRIZE: TWO 20m Ham Stick Antennas & Dipole Adapter

FIFTH PRIZE: TWO GMRS/FRS Radios with Charger and 8 NiMH Batteries

SIXTH PRIZE: NiCd & NiMH Battery Charger with FOUR 2300 mAh Batteries

SEVENTH PRIZE: 8-LED Metal Flash Light / Ultra Bright Beam

EIGHT PRIZE: 04-05 ARRL Repeater Directory

Since February 2003, 76 Radios, including a YAESU FT-847, an ICOM 706 MK IIG, and Two Elecraft KX1's have gone to Fellow Hams.

Enjoy our fabulous speakers, free refreshments, chatting with your friends, and the chance to take home an unbelievable prize. See you at Round Table after the meeting!

Contact Kyle, KG6MSK, “One of PAARA’s youngest members” for tickets at the meeting.

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

~K6AK Jim

Congratulations: October 7th 2005 Raffle Prize Winners

- 1st Prize: Dave Cooper KE6PFF / Yaesu FT-2800M
- 2nd Prize: Mark Cohen K6EF / Arrow 3EL VHF, 7EL UHF Yagi
- 3rd Prize: Curt Kolovson W6RQ / Grundig FR-200 Emergency Radio
- 4th Prize: John Larribeau KR6MR / TWO Uniden FRS / GMRS Radios with NiMH Batteries and Charger
- 5th Prize: Bob Fishman K6FSH / Magnet Mount Dual Band Antenna with SMA Connector
- 6th Prize: Byron Beck KG6UOB / 500 Cable Ties / 4” / 6” / 8” Lengths
- 7th Prize: Joel Wilhite KD6W / 25 Feet Flex Guard 1” Split Seam Tubing / Wiring Organizer
- 8th Prize: Henrique Drews KG6ZWQ / 04/05 ARRL Repeater Directory

PAARA Members and Visitors: THANK YOU FOR YOUR SUPPORT of the exciting monthly raffles! Since Feb. 03, 76 Radios, including a YAESU FT-847, an ICOM 706 MK IIG, and TWO Elecraft KX1's have gone to Fellow Hams, THANKS TO YOU!

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

~K6AK Jim

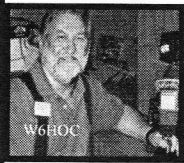
TRUCKS FOR SALE.

One 1932 Ford model BB, 1 and one half ton, dual rear wheel, four cylinder model C engine drivable truck. Requires aesthetic restoration of cab interior and a box or bed for the rear.

One 1932 Ford model BB, 1 and on half ton, dual rear wheel, eight cylinder engine, van style, drivable truck. Complete restoration almost finished with new wood, rubber, glass and interior.

Both vehicles have clean California titles and historical license plates and the ownership history is known. Both are located in Redwood City and available for inspection by request. These are the perfect advertising platforms, parade vehicles, mobile ham stations or items for your collection.

Contact: Terry Finn. AA6T. 650-366-9111.



Howard at HRO says: "HAM accessories and gift certificates are available at HRO. Congratulations to PAARA on a successful year."

K6EF. new call for Mark Cohen

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at

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2:00 PM

Second Sunday each month

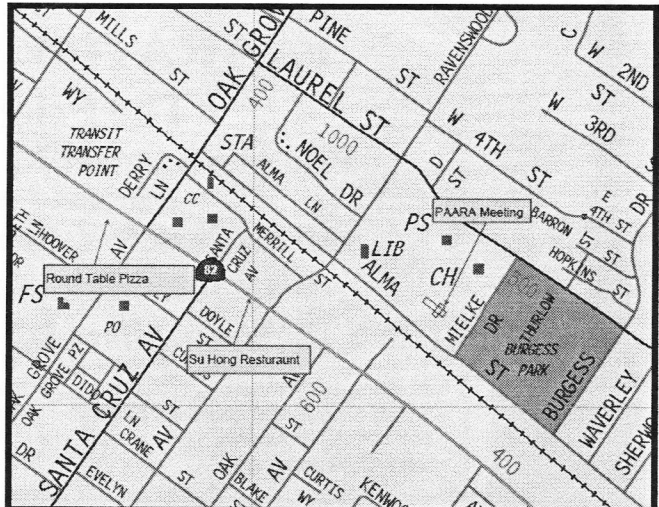
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PAARA Radio NET

and Swap Session
 every Monday evening
 8:30pm local time
 on the
145.230 –600 MHz repeater
PL tone off

control operators:

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



Directions to PAARA meeting:

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

Palo Alto Amateur Radio Association

P.O. Box 911, Menlo Park, California 94026-0911

Club meetings are on the first Friday of each month, 7:00pm at the Menlo Park Rec Center, 700 Alma Street, Menlo Park, CA.

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

Membership in PAARA is \$18.00 per calendar year, which includes one subscription to PAARAgaphs \$6 for each additional family member (no newsletter).

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

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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.



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

These fees may be reduced or waived in exchange for a valuable consideration that is given to the Association or its general membership. Such consideration must be in addition to any existing arrangements with the association. The PAARAgaphs editors reserve the right to reject any ad deemed to be not in the best interest of the Association.

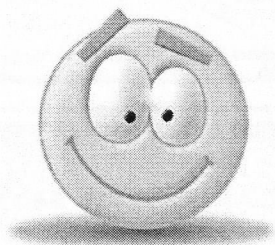
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PAARAgraphs—November 2005

Palo Alto Amateur Radio Association, Inc.
 PAARAgraphs Newsletter
 P.O. Box 911
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FIRST CLASS MAIL

PAARAFEST



October 23

see page 119

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