

W6OTX**W6ARA****PAARA NEWSLETTER**
VOLUME 58, NUMBER 9, September 2008**K6OTA****K6YQT**

PAARAgraphs



Celebrating 71 years as an *active* ham radio club—*Since 1937*
The Palo Alto Amateur Radio Association, Inc.



CALENDAR



- Sep 5, **PAARA Meeting**, 7:00
Menlo Park Recreation Center
700 Alma Street, Menlo Park
- Sep 10, **PAARA Board Meeting**, 7:00
Red Cross Bld., 400 Mitchell Ln., Palo Alto
- Oct 3, **PAARA Meeting**, 7:00
- Oct 8, **PAARA Board Meeting**, 7:00

President's corner

~Kristen McIntyre, K6WX



President's Corner ...
September 2008

The September issue already and it's back to school time, with the year three quarters over. What also comes with that is the vernal equinox and some, hopefully, better propagation. We sure could use it as it seems like the bands have forsaken Amateur Radio operators

at the very least.

Perhaps now we are at the bottom of the solar cycle. There have been several weeks with strings of zero sunspots. Generally that has been a reasonable predictor of the cycle's bottom. Earlier in the year and at the end of last year we had shorter strings of zeroes and that led many, myself included, to conclude that the worst was over. It would appear now that we were wrong and that the actual nadir is potentially happening now. How will we know if this is correct? We will only know when activity returns to the sun. A few precursors should be visible, however, like bipolar emissions in the corona and a reversed magnetic field in the newer sunspots when compared to the last cycle. The real indicator, however, will be an increase in the average activity of the sun. Some believe that the apparent 'double bottom' coincides with a double peak that we saw in the last cycle. Time will tell, I suppose.

PAARA had a very successful sponsorship of the ASVARO Electronics Flea Market on August 9th at De Anza College in Cupertino. If you missed it then you missed out. I was told that we had the most vendor spots sold for this entire season. We saw brisk concession sales coupled with sales of donated gear. We have yet to compile the actual numbers, but it appears to me with my limited knowledge that we made a decent return on the venture for our club's coffers. As always, something of this magnitude could not have been accomplished without the help of volunteers. There were many PAARA members who helped get the booth set up, brought the gear to be sold, sold the vendor tickets, prepared the coffee, bought the food, policed the cleanup, and manned the booth. Last year I managed to leave out a couple of people from the President's Corner whom I was trying to thank. I'm going to try again this

(Continued on page 97) Pres Corner

NEXT MEETING

September 5, 2008

**SPEAKER
AND
PROGRAM**



**Bob Vallio - W6RGG -
Pacific Division Director**

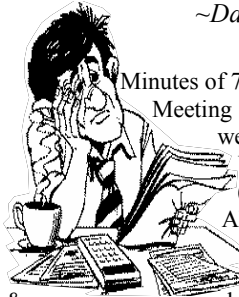
It has been a few years since the last time Bob has stopped in to visit us with the latest news and views from around the Pacific Division and the league. Please join us for another evening of what will certainly be a very informative and lively discussion session. This is a great opportunity to hear about what other clubs and groups are working on and what sorts of things look forward to like Pacificon and the latest from Newington.

~Joel Wilhite KD6W

PACIFICON 2008 Is Coming Soon! October 17-19, 2008, San Ramon Marriott Hotel, San Ramon, California. For Events, Latest Updates and Ticket Sales go to:
www.PACIFICON.org. Call the Marriott Hotel Reservations Desk at: 1-800-228-9290. Before October 1, 2008, to ask for the special Pacificon rate of \$90/night. Go to the event web site to sign up. All the usual PACIFICON events and more are planned.

BOARD OF DIRECTORS MEETING.

~David Ungar W6DH, PAARA Secretary



Minutes of 7/23/08 PAARA Board Meeting

Meeting was held at Joel's pastoral place. Present were: Kristen McIntyre K6WX (Pres.), Joel Wilhite KD6W (VP), Byron Beck KG6UOB (Dir.), Rob Riley KI6INR (Dir.), Vic Black AB6SO (Past Pres.), Doug Teter KG6LWE (Dir.), Gerry Tucker N6NV (Dir. & Past Pres.), Peter Sheerin K6WEB (Webmeister & lucky raffle winner), and David Ungar W6DH (Sec.). A quorum was present.

The Board decided that the club would not have an official presence at this year's Boy Scout event.

The minutes from the June Board meeting were accepted by acclamation.

Kristen K6WX noted that it was getting to be about time for another report from our Treasurer. Also, she assumed that our ASVARRO payment got in.

Joel KD6W reported that he has lined up a great speaker for the August meeting.

Peter K6WEB reported that there is nothing new on the web site, and he said he would have the field day score info in to Ron Chester W6AZ by Friday.

Joel KD6W reported that one tour idea was not going to fly and asked for all of us to try to think of another idea. He added that his work will be interfering a bit with the hobby for the next eight or nine months. Various ideas were batted around included: Globe Wireless (Joel KD6W and Peter K6WEB will look at this), the USS Hornet, the Anchor Steam Brewery, the Historical Radio Society Museum in Berkeley (run by Bart Lee KV6LEE), the Scharfenberger tour, and the USS Pompanito. We also commented on the upcoming PAARAFest, which may well feature Spaaten beer and Polka music, as well as more fantastic bargains!!!! (Punctuation added by yours truly.) We thanked Joel KD6W for hosting this event, which he said will be in September this year.

Kristen K6WX noted that the email list is still unfinished.

Passing on to the Flea Market, Kristen reminded us that she needs volunteers, and Byron KG6UOB graciously added his name to the roster.

We all took a gander at the cool hardware Joel KD6W is assembling for the club repeater.

Taking up the matter of the step van that has been offered to the club, Peter K6WEB reported that he has two folks willing to store it, that he has lost his enthusiasm for the project, and that the maintenance issue remains open. It would give us another Field Day operating position, it would look good for outreach activities, too. However, given the time and expenses required to take advantage of the owner's generous offer, the Board decided by acclamation to pass up this opportunity. We are just not in a position to take full advantage of it, much as we appreciate the offer. Peter K6WEB will take this message back to the van's owner.

Passing on to new business: Peter K6WEB asked for our input on membership cards. Doug KG6LWE reported that the beams from Field Day are safely stored in his shop. We discussed next year's Field Day. Peter K6WEB asked about a 2 meter base station vertical antenna that is in the PAARA trailer. He said that the Red Cross wants it, and we decided to give it to them. Gerry N6NV led an extensive discussion about trailer modifications and improvements. He asked Joel KD6W and Peter K6WEB to help. Peter K6WEB suggested that the club purchase Doug KG6LWE's trailer. He will explore storage options and report back.

We returned to the perennial discussion of the value of the Flea Market, given that we no longer make money from hot dogs. Kristen K6WX will invite Rolf N6NFI, our ASVARRO representative, to the next Board Meeting so we can discuss this issue further.

Joel KD6W needs to get rid of all of his aluminum and Doug KG6LWE volunteered to store it in his trailer. Some of it is Gerry N6NV's.

Vic AB6SO has four new membership applications which he will bring to the next general meeting.

Meeting was adjourned at 8:42.

Addendum: These minutes approved without corrections at the August Board meeting. PAARA-board mailing list PAARA-board@mailman.zoomcom.com
<http://mailman.zoomcom.com/mailman/listinfo/paara-board>



Guest EDITORIAL. by Terry Finn. AA6T.

For years I have been submitting articles, biography's, ad copy and news pieces to our wonderful monthly publication known as PAARAgaphs. Many have received accolades and some created very good natured debates. However, by far, the editorial that has brought the most reaction and participation to date is last month's discourse regarding cheating on the FCC exam.

We had all sorts of verbal comments and many e-mails as we had clearly struck upon a rather sensitive nerve in some people's minds regarding how they feel about the FCC exam and exams in general. The comments and e-mails were all generally positive and included some remarks such as: "String up the cheater", "Kick the cheater out of the hobby",

"Who is it?", "What sort of person would do this?", etc.

We actually had two hams complain and suggest that this type of thing should not be discussed because it creates bad feelings, while another suggested that we allow the cheater to debate the issue and possibly have rebuttal time in this very publication. Although I was not there to see it or hear it, I understand that a person actually got up at the last radio club meeting and claimed that he thought it was him, but he wanted everyone to know that it was not him, and that it was simply a personal attack on him!! Wow, how do these things ever get out of hand like this, especially when the alleged cheater was never identified by the VE's or last month's article in PAARAgaphs.

I am pleased to report that the VEC and the VE's have changed the way certain things are handled during the exam. The incident has been investigated and reported to the proper authorities.

~Terry Finn. AA6T.

Operating Portable or Mobile

at Rest Next to SF Bay, Part 2. by Vic Black, AB6SO

When I first wrote about portable operation next to the western side of the bay there was overwhelming positive feedback. I had visited other sites at various times and considered them somewhat secondary because the views of the water weren't as good or there was physical noise in the area, etc. Here are some of those locations. Some may appeal to you because of their proximity to where you work or live.

ALVISO MARINA (SANTA CLARA) COUNTY PARK

Historically, this was the original Port of San Jose. From the parking lot you'll have a nice view of the original marina and a good portion of the bay area. The marina itself is slowly silting in and becoming more of a fresh water or brackish water meadow. Not only is it silting in, but the underground aquifer has been over pumped for irrigation and the land is subsiding. During its peak the marina was regularly visited by sailing vessels as well as the railroad. In the 1960's I used to walk out along the railroad right of way to the town of Drawbridge. There were still some people living there. There was a rail siding where excursion trains could park for duck hunters to access a hotel and many of the homes were built on pilings with gangplanks to the railroad levee which acted as the only street in the town. Now there's not much left in this ghost town but the tops of a few structures sticking up out of the pickle weed. Near the marina itself are the remains of the century old cannery which was the third largest in the world at one time. Up until the 1960's and 70's there was an active boat works building sailing vessels, mostly from gunnite, or concrete sprayed onto a steel screen much like swimming pool construction. There is no longer a direct view of the bay waters. The view from the paved parking lot is to the north-west toward the bay. There are no power lines visible for several miles.

Getting there is easy. From highway 237 take the Gold Street/Alviso exit through downtown Alviso until Gold Street ends and becomes Elizabeth St. Continue on Elizabeth and turn right on Hope Street to the park. The gates are open from 8 am to sunset. There are hiking trails for pedestrian or bicycle mobile. The parking lot will accommodate more than 60 cars and has handicap access and parking. There are indoor flush toilets and drinking fountains. A site host lives in a Class A motor home on the property. Entry is free.

MOUNTAIN VIEW SHORELINE

From highway 101 exit onto San Antonio North to the end. There is a parking area for about 50 cars including 2 handicap parking spots. You won't have a view of the water because you will be below the rim of the levee. Across the street behind you are industrial sites and offices so the potential for electrical and physical noise is higher than at some other sites. This is best used for pedestrian portable operation. At the trail head there are drinking fountains and indoor flush toilets. Handicap access is possible. However the path is covered with fine gravel and can be bumpy during dry weather and muddy during the rainy season. This area is easy to access

from the freeway and may be convenient during your lunch break or after work while you wait for the commute traffic to calm down. From the levee you can see the Palo Alto Wildlife Refuge.

MENLO PARK SHORELINE PARK

This is the location for PAARA's Field Day site. PAARA gets special permission from the city of Menlo Park to operate from the top of the hill in the park. The rest of the year cars must stay in the parking lot at the base of the hill. Access to the top of the hill is on foot or bicycle only. The parking lot is open during daylight hours. Entry is free. There are handicap parking spots near the rest rooms. To the west you'll have a good view of salt evaporation ponds, salt water wetlands and a 200 foot wide slough. Ground is excellent as this is land fill and you'll be only about 3 to 5 feet above mean sea level. To get there take the Marsh road exit from highway 101 and go toward the bay. Cross Bay Front Parkway directly into the park.

REDWOOD CITY PETE'S HARBOR

This is a private marina, but the parking lot is available for access to the public restaurant "Waterfront". You can park a few feet from the water and watch activity around the moored sailboats. Watch for interesting details such as flexible solar cells and wind generators used to charge onboard batteries. This is a peaceful and tranquil place for a picnic lunch while you monitor the HF bands.

SAN CARLOS PUBLIC SHORE ACCESS

The Bay Conservancy and Development Corporation maintains a very small public shore access point in San Carlos. Exit 101 on Holly Street east bound. Turn right on Airway and immediately turn right again onto Airport Way. Go parallel to the freeway to the end. There is a parking lot for 10 cars. There is no direct view of the bay because you will be below the rim of the levee. If you operate pedestrian portable you can walk up on the gravel levee to see the bay. There are a couple of benches on the levee. Potential problems include high tension lines directly above the parking lot and traffic noise from 101 about 200 feet away. Also you'll be about 300 feet from the end of the San Carlos Airport with airplanes about 75 overhead as they cross the levee.

FOSTER CITY LEO J. RYAN PARK

From 101 take the Foster City Hillsdale Blvd exit northward to Shell Blvd. Turn right on Shell into the parking lot next to Central Lake. The lagoon is salt water and attached to the bay at two flood control gates. The parking lot is 2 to 3 feet above mean sea level and about 75 feet from the water. There are no overhead power lines in Foster City and all residences have CC&R's to prohibit antennas. Drinking fountains, toilets, handicap access and all the amenities of a popular city park are available. Foster City is on Brewers Island and qualifies for the US Islands Award Program (analogous to IOTA, but for Islands within the continental US. Its ID is CA-071S. See www.usislands.org).

(other suggestions???? Send to Vic AB6SO)

(Continued from page 93 Pres Corner)

year to do it without missing anyone, but if I miss your name, please tell me and I'll make it up to you next month.

Thank you to **Gerry, N6NV**, for selling and making coffee, **Rich, W6APZ**, for ordering and picking up the donuts (and getting 2 free dozen!), **Dale, NX6S**, and **Peter, K6WEB**, for buying all of the supplies at Costco. Thank you to **Ron, KG6RLG**, and **Seth, KF6UZX**, for selling vendor tickets and **Tom, KF6LWZ**, from the Red Cross Palo Alto who helped get the truck ready and drove it down to De Anza at oh-dark-thirty. Thanks to Svend Jenson for bringing the ice. Thank you to **Rolf, N6NFI**, **Rich, W6APZ**, **Svend Jenson**, and **Byron, KG6UOB**, for setup. Thanks to new PAARA member **Michael, KI6QNZ**, **Peter, K6WEB**, **Dale, NX6S**, and **Byron KG6UOB** for loading the truck the night before. Thanks to **Carol, W6GEM**, **Doña, KI6DAR**, **Clark, KG6KXO**, **Byron, KG6UOB**, and **Rolf, N6NFI** for selling concessions. A special thanks to **Les, WY6H**, our own circus barker style super-salesman at the concession stand. Thanks to **Gerry, N6NV**, **Joel, KD6W**, and **Doug, KG6LWE**, for loading and selling all of the gear. Thanks to **Peter, K6WEB**, **Tom KF6LWZ**, and **David, W6DH** for cleaning up and getting the truck back to the Red Cross. And lastly thank you to FARS president **Mikel, KN6QI**, who helped at various times with sales, cleanup, and loading. It sure was great to have all of that help for our club.

Since it would appear that I will be leaving for Japan for 10 days on August 30th, I will miss the next PAARA general meeting. Please give your full support and thanks to our Vice President **Joel, KD6W**, as he takes over for me at the September meeting. I hope to see you all at the October meeting and, hopefully, before that at PAARAFest. Take care and I hope CONDX are GUD for you. 73

RAC announces a newly revised HF Band Plan.

The HF band plan presently in use in Canada has been adopted in 1996. Since, many changes have happened in the Amateur world and other band plans have been revised and modified. Let us only mention the changes announced by the FCC in 2007 affecting the US band plan and the revised one adopted by the IARU Region 2 countries at the Brasilia conference in September 2007.

Just under two years ago, Radio Amateurs of Canada had asked Bob Nash, VE3KZ, a former First Vice President of RAC, to re-activate the HFBPC (HF Band Planning Committee) with a goal to review and modernize the Canadian HF Band Plan. Bob's committee has since worked very hard in studying and consulting all across Canada to eventually come up with a band plan proposed to the Board of Directors of Radio Amateurs of Canada. The RAC Board has adopted this plan at its July 2008 meeting and the new band plan is now on the RAC Web page at:

http://www.rac.ca/service/bandplans/hfband_e.php

RAC wants to thank the HFBPC members for their hard work and wishes the Canadian Amateur community much pleasure in using the new band plans.73,

Daniel A. Lamoureux, VE2KA Vice President International Affairs, RAC. ve2ka@rac.ca

HAM RADIO LICENSE PLATES.

Since the California Department of Motor Vehicles has finally determined that there is no space between certain letters and numbers in amateur radio call signs, they are again offering vehicle license plates with your radio call sign.

However, it is up to you (the applicant) to fill in the appropriate two page DMV application form and submit it with a photo copy of your FCC license and the proper fee. To download the correct two page form, simply go to: www.dmv.ca.gov/forms/reg17a.pdf and print out the application form.

If you take it in to the DMV, expect to stand in line for quite a while before actually meeting with a customer service person. It may be just as easy to mail the application with your check & copy of the FCC license. If you actually observe a DMV clerk typing the call sign into their computer data base, it may frighten you as an automatic space between letters and numbers does come up on the screen. However, if the DMV clerk has entered the information correctly on the amateur radio license request screen then everything should come out just fine. Your new ham radio call sign license plates should be mailed to you within six weeks.

Sporting your new ham radio call sign license plates on your vehicle should immediately identify you to other knowledgeable radio operators. It is not likely that anyone else will know the difference unless they ask about them or you explain it to them. Happy hamming.

~Terry Finn. AA6T.



photo K6WX



Can anyone identify this tube? It is in the PAARA tube collection and the label says "Repaired by the Vacuum Tube Repair Co., 511 Perry Building, Oakland, California." Does it have any value? Should we start a PAARA website museum? de, N6NV



SEMINAR & EXAM: AMATEUR ("HAM") RADIO

WHAT: Amateur Radio ("Ham") License & Communications Course Study to pass a 35-question, multiple-choice FCC exam (no Morse code) to get a radio license to use certain frequencies as part of your community's emergency response.

WHEN: Every Tuesday 9/30-10/21: Class 1: September 30: 6:30-9:00 pm Class 2: October 7: 6:30-9:00 pm
Class 3: October 14: 6:30-9:00 pm Class 4 (FCC exam): October 21: 6:30-9:00 pm

Also: There will be a special Emergency Communications Training Class (ideal for new radio operators or those wishing to learn about ARES/RACES). See below.

WHERE: Menlo Park Fire Sta. 77: 1467 Chilco St.

COST: \$40.00 [make check payable to "Menlo Park Fire Protection District"] [please bring your check to first class and give to Carol Parker]

Please write your phone # and e-mail address on the check

MATERIAL: The ARRL Ham Radio License book will be provided for this class.

INSTRUCTORS: David Fichou (Menlo Fire ARES) & Ken Dueker (Palo Alto P.D.)

REGISTER: Ken Dueker: kdueker@powerflare.com Advise if you also wish to attend the Emergency Comm class.

Sponsored by: Menlo Park Fire Protection District CERT: www.menlofire.org/cert

This course is open to the public but is designed for Community Emergency Response Team (CERT), Red Cross, and other emergency volunteers, including first responders. There is a maximum of 35 students for this class (priority for disaster volunteer members).

EMERGENCY COMMUNICATIONS CLASS:

This class is designed for CERT members, ham radio operators, neighborhood teams, and others who want to learn about communications in a disaster. Covers all radio and communications systems, including Ham, FRS, police, fire, etc. You don't need a ham license for this class, but it is preferred.

WHAT: Emergency Communications Course for Ham Radio & CERT

WHEN: Tuesday, October 28, 2008: 6:30 pm - 9:30 pm

WHERE: TBA (Menlo Park area)

COST: FREE !

BRING: Your radio(s) & instruction manuals for them

INSTRUCTORS: David Fichou (Menlo Fire ARES) & Ken Dueker (Palo Alto P.D.)

REGISTER: Ken Dueker: kdueker@powerflare.com

Sponsored by: Menlo Park Fire Protection District CERT: www.menlofire.org/cert

Learn More About ARES/RACES Ham Radio in your area:

Santa Mateo County: www.k6mpn.org

Santa Clara County: www.scc-ares-races.org/aresraces.htm

If you are in another area, search for your local ARES/RACES Emergency Coordinator on www.arrl.org.

~Info courtesy Ken Dueker, KB6BPM

SPCL @ ARL \$ARLX008 ARLX008 FCC
Vanity Call Sign Fees to Increase September 25

ZCZC AX08
 QST de W1AW
 Special Bulletin 8 ARLX008
 From ARRL Headquarters
 Newington CT August 26, 2008
 To all radio amateurs
 SB SPCL ARL ARLX008
 ARLX008 FCC Vanity Call Sign Fees to Increase September 25

On August 11, the Federal Communications Commission announced that the cost of an Amateur Radio vanity call sign will increase 60 cents, from \$11.70 to \$12.30. Now that notice of the increase has been published in the Federal Register, the increase will take effect in 30 days, September 25, 2008.

The FCC is authorized by the Communications Act of 1934, As Amended,

to collect vanity call sign fees to recover the costs associated with that program. The vanity call sign regulatory fee is payable not only when applying for a new vanity call sign, but also upon renewing a vanity call sign for a new 10 year term.

The notice in the August 26, 2008 Federal Register, entitled "Assessment and Collection of Regulatory Fees for Fiscal Year 2008," includes regulatory fees expected to recover a total of \$312,000,000 during FY2008, encompassing all the services the FCC regulates.

More information is available at,
<http://www.arrl.org/news/stories/2008/08/11/10257/?nc=1>.

WEB's

Recommended by PAARA Members
(Do you have one or more?)

check this out for a great list of free, downloadable old electronics books! www.pmillett.com/ ~Gerry Tucker N6NV

<http://www.n7yg.com/propnetpsk/index.html>

QST March page 95 and the above URL discusses an internet based beacon system that we'll all enjoy!

~Jay WA6SBO/VE7 wa6sbo@arrl.net

P.S. If you are using this for propagation data, you should also consider:

<http://hfink.com/>

You can run the software in receive-only mode and get the propagation info or join the group. It uses 160 through 2 meters and you really need an antenna that is resonant on all the bands you use/monitor.

~Orval Chadsey N6OZI San Francisco, CA

CQ Ham friends de WA6SBO

jMelvin <jMelvin@infoPATH.com>

AddWednesday, April 23, 2008 4:06:18 AM

navbits_finallink_ltr.gif (1KB)

Haven't had opportunity to use this but it seems inevitable, i.e.,

digital sound card phone.

Let me know of any results. - 73, Jay

from: QRZ.COM

[QRZ Forums](#) > [QRZ Newsroom](#) > [Ham Radio News](#)

Congratulations: August 1st 2008 PAARA Raffle Prize Winners

- 1st Prize:** Ivan Beck / AE6XA / Grecom, PSR-300 Triple Trunking Scanning Receiver
- 2nd Prize:** Doug Teter / KG6LWE / Yaesu FT-2800M / 2m / 65W / Mobile
- 3rd Prize:** Mike Pechner / KI6QNZ/ Deltran Battery Tender
- 4th Prize:** not available / PS-4 Power Pole Connector
- 5th Prize:** Mark Meltzer / AF6IM / World Radio 1 Year Subscription
- 6th Prize:** not available / Sterling Deluxe Wire Stripper
- 7th Prize:** Gary Barnes / KI6HIG / Northern California Repeater Directory
- 8th Prize:** Gerry Tucker / N6NV / ARRL Minilog

PAARA Members and Visitors: THANK YOU FOR YOUR SUPPORT of the exciting monthly raffles! Since Feb. 03, 128 Radios, including an Elecraft K3, a Yaesu FT-847, an Icom 706 MK IIG, a Yaesu FT-897D, and TWO Elecraft KX1's have gone to Fellow Hams, THANKS TO YOU!

PAARA had a remarkable year in 2007! If you aren't a member, please join PAARA now, and experience fun 2008 events with the "friendliest club around."

~ K6AK Jim

PAARA September 5th Meeting



PAARA “The Friendliest Club Around”

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

Date and Time: Friday, September 5th at 7 p.m.

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

Welcome Members and Visitors / Raffle Prizes:

FIRST PRIZE: Yaesu VX-3R Dual Band VHF /UHF Transceiver



- Ultra-compact and Light Weight / 1.9" X 3.2" X .9" / 4.6 ounces
- Designated Earphone Jack for FM Stereo Broadcast Listening
- Lithium-ion High-Capacity Battery and Charger
- Huge 1000-channel Memory Capacity
- Special Memory Banks - WX, VHF Marine, Shortwave Broadcast
- CW Learning and Training Feature

SECOND PRIZE: Super Antennas MP1 Portable HF 7- 450 MHz Antenna with Tripod



- 3.5 - 4MHz with Optional Coil
- QRP to 200W Operation
- Adjust Slider to Frequency and Snug Down Band Lock Screw
- Portable / Easy to Set Up Operation

THIRD PRIZE: FR-250 Emergency Radio / AM/FM/SW / with Flashlight

FOURTH PRIZE: Deltran Battery Tender / Auto Switch from Charge to Float / 12V

FIFTH PRIZE: World Radio 1 Year Subscription

SIXTH PRIZE: Sterling Deluxe Wire Stripper

SEVENTH PRIZE: Northern California Repeater Directory

EIGHT PRIZE: ARRL Minilog

Since Feb. 03, 128 Radios, including an Elecraft K3, a Yaesu FT-847, an Icom 706,

MK IIG, a Yaesu FT-897D, and TWO Elecraft KX1's have gone to Fellow Hams.

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


~K6AK Jim

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Doug Teter, KG6LWE
 At any meeting or kg6lwe@arrl.net

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.	Doug Teter, KG6LWE
4 th Mon.	Terry Ridgeway, N6ZAG
5 th Mon.	Doña Kerns, KI6DAR



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 \$20.00 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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Join us for pre-meeting eyeball

QSO
Sept 5th
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.

5:30 pm—at Su Hong Restaurant
1039 El Camino Real
Menlo Park

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

PAARA Exemplary Service Award

Gerry Tucker, N6NV 2005
 Rice Family 2006
 Jim K6AK, Lisa KG6KQS, Kyle KG6MSK
 Wally Porter, K6URO 2007
 Vic Black, AB6SO 2008

W6AZ



Ron Chester
 Santa Clara
 (408) 243-2221
 Ron@taxhelp.com

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PAARA Radio NET
 every Monday evening
 at 8:30 P.M. local time
 on the 145.230 –600 MHz repeater,
 PL tone off

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