

W6OTX

W6ARA

PAARA NEWSLETTER

VOLUME 58, NUMBER 4, April 2008

K6OTA

K6YQT

PAARAgraphs



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



CALENDAR

- Apr.....4, **PAARA Meeting**, 7:30
Menlo Park Recreation Center
700 Alma Street, Menlo Park
- Apr.....9, **PAARA Board Meeting**, 7:30
Red Cross Bld., 400 Mitchell Ln., Palo Alto
- May.....2, **PAARA Meeting**, 7:30
- May7, **PAARA Board Meeting**, 7:30
- Jun.....6, **PAARA Meeting**, 7:30
- Jun11, **PAARA Board Meeting**, 7:30



President's corner

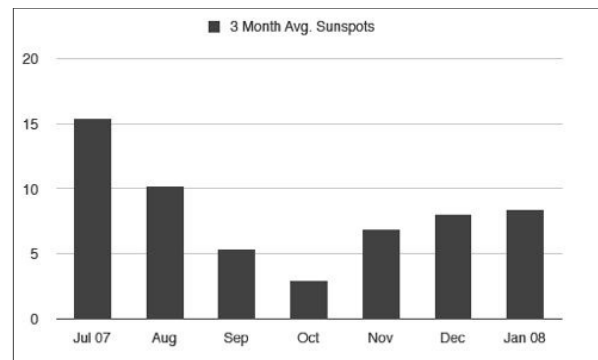
~Kristen McIntyre, K6WX



April 08

As I write this the Clipperton Island DX-pedition, TX5C, has come and gone and I unfortunately missed them. I have been quite busy with various things and that kept me from being able to put the time into hunting them. It seemed that when I had time, they often wanted only European stations. At other times the pileup was too big. I guess that's how it goes for the 'casual DX-er'. I did, however, get a chance to work Ducie Island, VP6DX, a number of times. That was fun and exciting.

Propagation is definitely looking up. As I reported at the last PAARA general meeting, the 3 month moving average for the last few months is as follows: Jul 07 15.4, Aug 07 10.2, Sep 07 5.4, Oct 07 3, Nov 07 6.9, Dec 07 8.1, Jan 08 8.4. Viewing a chart you can clearly see the trend:



Since the upside of the cycle is typically of a larger slope than the downside, I'm hoping that we will see better conditions soon.

On a different topic, I'd like to get some feedback from the membership about the job that I am doing as your president for both this and last years. If there are things you don't like, things you like, things you'd like to be changed, or anything else, please contact me at the e-mail address listed on the PAARAGraphs masthead or feel free to give me a call on the radio or the telephone.

~Kristen (K6WX)

NEXT MEETING

April 4, 2008

**SPEAKER
and
PROGRAM:**



Matt Ettus, N2MJI has taken on the design of the Advanced Communication Payload project for AMSAT Geostationary. The first steps toward specification of the high speed digital channels, power requirements, uplink and downlink protocols, and class of stations supported have begun. Learn more about the fascinating design proposal from the author himself.



New PAARA Projector

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 Gary D. Aden, K6GDA 650-743-1265(D), 650- 595-5590 (N)
Web: <http://k6mpn.org> E-mail: pres@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+ (pl 107.2) Thur.
meets 2nd Mon each month @ 7:30 PM.
contact: <http://www.qsl.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 ctcss UHF: 441.35 (+5.0 88.5) ctcss
147.39 (+600) 151.4 ctcss 1286.20 (-12m) 100.0 ctcss
223.96 (+1.6) 156.7 ctcss
meets 3rd Wed every month.
contact: <http://wvara.org/>, Bill Ashby N6FFC, 408-267-3118, N6FFC@Juno.com, or N6FFC@ARRL.NET

American Red Cross, **SANTA CLARA VALLEY CHAPTER**
contact: <http://santaclaravalley.redcross.org/> or Scott Hensley KB6UOO, (408) 967 7924
shensley@Novell.com

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

LIFE MEMBERSHIP

Awarded by Action of the PAARA Board

- Steve Stuntz, K6FS Dec 2007**
- Ron Panton, W6VG SK (12 07 2007)**
- Joe Gomes, KB6HDC SK**
- Leslie Vickery, KB6HDC SK**

Palo Alto Amateur Radio Association, Inc.
PO Box 911 Menlo Park, CA 94026

Officers

- President.....Kristen McIntyre, K6WX 510 703 4942
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dteter@cwci.com
- Director (*08)..... Rob Riley, K16INR (cell) 650 799-1607
ki6inr@arrl.net
- Director (*09) Gerry Tucker, N6NV 650-326 4908
n6nv@arrl.net
- Director (09).....Byron Beck KG6UOB, 408-735-8604
kg6uob@arrl.net

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

Appointed Positions

- MembershipVic Black, AB6SO 650-366 0636
ab6so@smrn.com
- Database.....Rick Melrose K6RDM 408-732-2247
k6rdm@arrl.net
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kg6tmd@arrl.net
- Station Trustee W6OTX, K6YQT, W6ARA....Gerry Tucker, N6NV
- Station Trustee K6OTA.....Ron Chester, W6AZ
- Property Manager.....Gerry Tucker, N6NV
- Fund Raising Coordinator .Bob Korte, KD6KYT 408 396 4745
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- Badge CoordinatorDoug Teter, KG6LWE 650-367-6200
dteter@cwci.com
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- Raffle Coordinator.....Jim Rice, K6AK 650-851-2274
- Ticket MasterKyle Rice, KG6MSK
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ab6so@smrn.com

PAARA 2008 meeting dates: : 1/4, 2/1, 3/7, 4/4, 5/2, 6/6, 7/11, 8/1, 9/5, 10/3, 11/7, 12/5

~Kristen (K6WX)

BOARD OF DIRECTORS MEETING.

~David Ungar W6DH, PAARA Secretary



February 13, 2008

Meeting was held on February 13, 2008, at **Doug Teter KG6LWE's** house. Present were **Kristen McIntyre K6WX (Pres.)**, **Joel Wilhite KD6W (VP)**, **Gerry Tucker N6NV (Dir. and past Pres.)**, **Andreas Junge (past Pres.) N6NU**, **Vic Black (past Pres.) AB6SO**, **Peter Sheerin (past VP) K6WEB**, **Doug Teter KG6LWE (Dir.)**, **Wally Porter K6URO (Ed.)**, **Christopher McIntyre KG6SVI (future Pres.)**, **Rob Riley KI6INR (Dir.)**, **Terry Finn AA6T (past Pres.)**, and **David Ungar W6DH (Sec.)**. Not only did we have a quorum, but we enjoyed the participation of a record number of four past Presidents! Later on, **Ron Chester W6AZ (Treas.)** joined us.

Kristen K6WX called the meeting to order at 7:25, and proceeded to give her report: our January meeting was a success with a fascinating speaker, and the banquet set an attendance record, thanks in part to a fascinating speaker. Thanks to **Vic AB6SO** for the speaker suggestion.

Next, **Joel KD6W** led a discussion about future speakers. We have **Mark Laubach K6FJC** lined up for March, and **Joel** and **Gerry N6NV** are working on our April speaker. We are also looking to find an HF speaker. **Andreas N6NU** and **Vic AB6SO** also contributed speaker ideas.

Discussing the club web site, we noted that it remained out of date. **Kristen K6WX** will be following up. Content was discussed, including pros and cons of audio.

In light of the cancellation of the SLAC tour, we discussed other tour possibilities. If you have any ideas, let us know.

Next, we considered what to do about the excess postage incurred by mailing an issue PAARAgaphs to a foreign location. For example, it costs \$1.00 per month to mail an issue to Germany. The Board passed by acclamation a motion to charge a member who requests PAARAgaphs to be mailed outside the country an amount equal to the excess cost for postage over that incurred for a domestic mailing.

We thanked **Joel KD6W** for his efforts in selecting and procuring a new video projector for the club. Said projector worked flawlessly at our February meeting. Joel will be submitting a receipt in order to get reimbursed by the club. Joel will be the projector's custodian.

Delving into banquet specifics, it turns out that attendance was about 125 people, a record number. This popularity was especially salient considering that we have had fewer than 100 attendees over the past two years. In addition to the aforementioned speaker, the inclusion of non-club-members helped to bolster attendance. The raffle came out ahead by about \$200, or about 16% of the gross receipts. Significant donations to the raffle were partly responsible for its profitability. **David Cooper, KE6PFF**, is hard at work on getting the club a check for its share of the proceeds from the previous year's banquet.

Kristen K6WX has set up the PAARA membership email list, and **Rick Melrose K6RDM** will be adding the addresses

to it.

Kristen K6WX will be following up with the Menlo Park Rec. Center in order to sign a contract for the use of the meeting room during next year.

Next, the Board took up the question of the accuracy and content of the Board meeting minutes. The Secretary (that's me!) read the relevant passage from the Bylaws, which state: "It shall be the duty of the Secretary: ... to make reports of the Board meetings to the general membership." As I interpret it, the Secretary is entrusted with the responsibility to ensure that the membership is well-enough informed of the activities of the Board to be able to vote effectively in our annual elections. On the other hand, accuracy is also paramount, and some Board members have expressed a desire to be able to correct errors in the minutes before their publication in PAARAgaphs. Two proposals were entertained: either giving Board members a couple of days in which to review the minutes by email, or delaying the publication of the minutes by a month in order to allow Board members to review the minutes at the subsequent Board meeting. Although opinions were mixed, there was enough sentiment on the side of the latter option to carry the decision. Thus, even though it is the middle of February as I transcribe these minutes from my notes, you will not get to read them until late March. But what you read will have been more thoroughly vetted for accuracy than before.

Several members have voiced worries because their renewal checks have not yet been cashed. **Ron W6AZ** reassured us that we need not worry; he simply had not cashed the checks yet.

Moving on, the Board addressed the issue of whom should have signature authority for the club's bank accounts. I believe that we started this discussion in a prior Board meeting,

however, the status quo ante remains the status quo: our treasurer lacks authority over the club's Money Market account, and no other member of the current Board has any signature authority. After a thorough discussion, the Board passed a motion setting policy about signature authority: At all times, two members of the duly elected Board shall have signature authority over every one of the club's bank accounts. These two members shall be comprised of the Treasurer, and one other elected Board member, who may be either the President, or an elected Board member appointed by the President. After passing this motion, **Kristen K6WX** appointed me, **W6DH**, as the other signature holder. In order to put this policy into effect, **Ron W6AZ** will obtain the signature cards for the accounts.

As an agenda item for next month's Board meeting, we will consider establishing a group of people to oversee the club's investments.

Moving on to new business, **Doug KG6LWE** brought up the issue of allowing the magnetic clasp option for our badges. The kicker is a bit of additional cost. We tabled the discussion concerning whether to eat the additional cost or attempt to recoup it by increasing the badge fee.

Field Day is coming and this Board meeting featured an extensive discussion about it. Antenna parties will be sched-

(Continued on page 38) Board

(Continued from page 37) Board

uled. These are a great chance to practice antenna construction and to learn about antenna testing. 4A is under serious consideration, as it would help us to reconcile the goals of points and participation. (More about this in a minute.) **Doug KG6LWE** offered to captain a second phone (SSB) station. **Kristen K6WX** will clean up the Field Day mailing list. **Gerry N6NV** will serve as our Field Day chair. **Andreas N6NU** offered to captain a CW station, **Joel KD6W** offered to head up the satellite and 6m and up department, and **Kristen** is thinking of captaining a CW station. We are lacking a GOTA captain. **Joel KD6W** noted that the rules have changed for the GOTA station. There was general agreement on operating 4A, but **Gerry N6NV** needs to inventory our antennas. We will need a coordinator to avoid QRMing ourselves.

Someone mentioned that with four stations, we could focus one of each on competition and one of each on participation. There followed a vigorous discussion about priorities. **Kristen K6WX** was on the receiving end of some dissatisfaction by some members who had wanted to operate but didn't get a chance as a result of an overall quest for points last year. She put forth the position that operators should consist of members who had been active in the club over the past year, in other words, those who had attended some number of meetings. On the other hand, **Gerry N6NV** and **Doug KG6LWE** represented a view held by many who put a lot of time and effort into the set-up and tear-down of the field-day stations: the reward for these folks are the points garnered with the high-quality stations that they labor so arduously to perfect. I (**W6DH**) voiced the meta-opinion that it would be critical to start with a shared view of Field Day priorities, as that would subtly influence all of the following preparations. **Doug KG6LWE** summarized the discussion by advocating that our next Field Day strike a balance between the goals of participation and points. (I suspect that this issue may surface again.)

Wrapping up the Field Day topic, **Kristen K6WX** will revise the Field Day mailing list, **Doug KG6LWE** will call a meeting of the Field Day committee and negotiate the meeting time, **Kristen K6WX** will remind everybody about Field Day at club meetings, and **Peter K6WEB** will investigate the possibility of PAARA obtaining the use of the Red Cross's tower trailer for Field Day.

There followed a selection of short topics: **Doug KG6LWE** volunteered to pick up an equipment donation, **Peter K6WEB** has a collection of historic PAARA archives and volunteered to serve as club historian, and **Kristen K6WX** will keep the physical archive material. **Vic AB6SO** suggested that we include the names of our local ARRL officials and volunteers in PAARAGraphs, especially those who are club members. **Doug KG6LWE**, who has been working devotedly to keep the weekly 2m PAARA net healthy, noted that attendance has fallen off somewhat, and that we need to make sure that members are aware of the net.

The meeting then adjourned. I don't have an exact time, but it was too late for us to go to our usual burger hangout, but

it was too late for us to go to our usual burger hangout, but early enough for us to catch a meal at Chili's.

Addendum: these minutes were approved by the Board at the March Board meeting.

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://hflink.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

See:

http://www.esa.int/esaED/SEM18OEMKBF_index_0.html

~Jay WA6SBO/VE7 wa6sbo@arrl.net

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

Are you ready for Field Day 2008?

~Joel Wilhite, KD6W

Field Day 2008 is only a few short months away and the planning and start up work has already moved into full swing to prepare for our next effort. The success from last years event will be an interesting challenge to repeat but we are taking the feedback from last year very seriously and moving the club up to the prestige of a 4A station.

Most clubs operate a 2A station as the effort required doesn't take much to set up staff and operate but they get to operate GOTA, 1A doesn't. With a 2A station, small to medium size clubs can run a CW and phone station fairly effortlessly without the need for contest veterans or "ringers". A 3A set up increases to the level of effort by adding one transmitter but more significant is the number of antennas and filter choices and all the logistics that comes with that effort.

The move from 3A to 4A is actually a rather large step up as many more interactions come into play between the 4 main stations and the important GOTA station. Field Day operation rules restrict the size of the area where we can operate to a 300 meter circle. Everything used to operate 4A must be contained inside the circle. We take particular advantage of this point by spreading all of the resources out to but not over this imaginary circle. This year we are moving the circle slightly to the East to favor the slope side of our site.

Specific to this years event, significant changes were made in the rules including the deletion of all the specialty mode bonus points. In a way, this is a blessing as we don't need to spend any effort for those 100 point kickers. In particular, the satellite bonus is gone and with it the need to build up a fair amount of infrastructure to track and operate the congested satellites. Last years effort was marked by one lid who wasted nearly 8 minutes of a 10 minute North American pass. All of those points have been traded for a vigorous push to promote GOTA.

The **Get On The Air** station is specifically designed to promote activity by literally placing a complete HF station into the hands of people who would have not otherwise operated in this event. The rules this year are specific towards getting unlicensed and inactive licensed holders to operate.

As the rules state for 2008, "**A person who operated a GOTA station the previous year is ineligible to be a GOTA operator**". It doesn't take a rocket scientist to figure out why the ARRL added this rule; they want more exposure/promotion. Another interesting twist to the rules is the addition of VHF operation to GOTA which is a great way to introduce ham radio; most anybody will understand 2 meter simplex operation.

Field Day 2008 will be an interesting challenge as we grow our effort to meet or match the capabilities of the club. The trick to operating any field day with minimal interference is to take advantage of vertical and horizontal polarization antennas, tuned stub filters and crystal filters. We are also looking at the natural terrain of the slope we operate on to provide another layer of separation.

The maps are being plotted and the antenna inventory has started. We are going into the logistics phase to determine

what assets we have (or not as the case may be) to better visualize our quest to operate 4A at Bay Front Park. More planning meetings are required but not on the calendar yet. There will be more announced on the Monday night net as the activity progresses. 73

Drop, Reset, but Why???

~Rich, W6APZ

We've all heard conversations on the repeater where the speaker will say "drop" or "reset" then release the push-to-talk (PTT) for a fraction of a second hear a beep from the repeater and depress the PTT immediately and continue speaking. This is called "quick keying."

Why drop, why reset the repeater? Most people realize that if they do not pause, the repeater "alligator" will cut them off. The "alligator" refers to the repeater timer that shuts off the repeater transmitter after 90 seconds on the 145.230 repeater. Other repeaters may have different lengths of time for their timeout timers. The beep, otherwise known as the courtesy tone, tells users that the timer has been reset for another 90 seconds.

But why even have an alligator? Why not let people talk as long as they want to and then turn the conversation over to the next ham? The problem is just that: some people *will* talk and talk and talk, just as we do on HF. The difference is that on HF one can change frequency by a few KHz and make a call and still reach the same desired area. On VHF and UHF, the frequencies are channelized. One may be able to reach the 523 repeater easily, but not another machine. The 145.230 repeater and several others, such as the 145.270 repeater, have implemented a timer to make it possible for emergency traffic to be passed expeditiously.

To permit emergency traffic to break in, it is important not only to drop one's carrier so that one can hear the courtesy tone, but also to allow a few seconds more after the tone is heard to permit emergency traffic to be passed. Even if there is no emergency, many hams make arrangements to contact another ham at a particular time on 145.230 because they know they both can reach this repeater. If there is a conversation going on, the repeater timer guarantees that they will not have to wait for more than 90 seconds to be able to put in their call sign. Frequently, all they need is a few seconds to make their contact, and if they need more time to communicate, they can arrange to try another repeater. Allowing a few extra seconds after the courtesy tone also permits another ham to join in the conversation. Quick keying prevents breaking into a conversation to make a contact or to pass emergency traffic.

LOST or STOLEN

I lost an Icom IC-T90a, kind of old, black case, with an SRH-77 antenna fixed with black and clear heatshrink. It has a black counterpoise and a sticker on the body with my callsign

~Kristen McIntyre, K6WX



PAARA 2008 Membership Application/Renewal

Date _____

Please complete this form and give it and payment to the Membership Coordinator- Rick. Melrose, K6RDM; or at any club meeting, or mail to: PAARA, Membership, PO Box 911, Menlo Park, CA, 94026

INDIVIDUAL MEMBERSHIP: \$20 Includes One Mailed Newsletter **New Member** **Renewal**

Please PRINT

Name: _____ Call Sign: _____

Mailing Address: _____

City: _____ State: _____ ZIP Code: _____

E-Mail: _____ Don't publish in Roster I'm a ARRL member

Phone: _____ Don't publish in Roster ARRL Expiration Date: _____

License Class: _____ License Expires: _____ Date First License: _____

Interests: DX Contesting QRP HF Microwave SSTV/ATV SAT Packet/APRS Emergency

ARRL responsibilities' _____ Other _____

ADDITIONAL FAMILY MEMBER: +\$6.00 no newsletter **New Member** **Renewal**

Name: _____ Call Sign: _____

Mailing Address: _____

City: _____ State: _____ ZIP Code: _____

E-Mail: _____ Don't publish in Roster I'm a ARRL member

Phone: _____ Don't publish in Roster ARRL Expiration Date: _____

License Class: _____ License Expires: _____ Date First License: _____

Interests: DX Contesting QRP HF Microwave SSTV/ATV SAT Packet/APRS Emergency

ARRL responsibilities' _____ Other _____

ADDITIONAL FAMILY MEMBER: +\$6.00 no newsletter **New Member** **Renewal**

Name: _____ Call Sign: _____

Mailing Address: _____

City: _____ State: _____ ZIP Code: _____

E-Mail: _____ Don't publish in Roster I'm a ARRL member

Phone: _____ Don't publish in Roster ARRL Expiration Date: _____

License Class: _____ License Expires: _____ Date First License: _____

Interests: DX Contesting QRP HF Microwave SSTV/ATV SAT Packet/APRS Emergency

ARRL responsibilities' _____ Other _____



Congratulations: March 7th 2008 PAARA Raffle Prize Winners

- 1st Prize: Bill Dale / N2RHV / LDG Z-100 Antenna Tuner**
- 2nd Prize: Vicki Tuite N7HBJ / N7HVJ / Alinco DM-330 MVT 30 Amp Power Supply**
- 3rd Prize: Kristen McIntyre / K6WX / FR-250 / AM/FM/SW Emergency Radio / with Flashlight**
- 4th Prize: Elaine Gibbons / WA6UBE / ARRL Antenna Book / 21st Edition**
- 5th Prize: Bjorn Lienres / KN6IW / World Radio 1 Year Subscription**
- 6th Prize Dona Kerns / KI6DAR / Gordon West 0-5 w/m CW / Two CD Set**
- 7th Prize: Nimit Hongyim / KI6JLD / ARRL Desktop Repeater Directory**
- 8th Prize: Bill Young / K6VWO / FCC Part 97 Rules and Regulations**
- 9th Prize: Richard Wallace / KG6YEM / Sterling Deluxe Wire Stripper**

PAARA Members and Visitors: THANK YOU FOR YOUR SUPPORT of the exciting monthly raffles! Since Feb. 03, 116 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."



PAARA “The Friendliest Club Around”
Palo Alto Amateur Radio Association, Inc. www.paara.org
Date and Time: Friday, April 4th at 7 p.m.
Menlo Park Rec. Center, 700 Alma St., Menlo Park, CA.
Welcome Members and Visitors / Raffle Prizes:

FIRST PRIZE: Icom IC-2200H / 2m / Mobile



- 65 Watt Output with New Digital Features
- Optional UT-118 Provides Digital Clear Voice and Data
- Dynamic Memory Scan
- Weather Channel with Weather Alert
- FM Narrow Mode Switchable
- Selectable Green or Amber Display

SECOND PRIZE: Yaesu VX-150/64B
5 Watt 144 MHz HT with 2 Ni-Cd Battery Packs



- Exceptional Receiver Performance
- Clear Transmit Audio
- Illuminated Keypad
- Die-Cast Aluminum Housing

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

FOURTH PRIZE: Kill A Watt / AC Electricity Usage Monitor

FIFTH PRIZE: World Radio 1 Year Subscription

SIXTH PRIZE: ARRL Desktop Repeater Directory

SEVENTH PRIZE: Icom Hat “Very Cool”

EIGHT PRIZE: FCC Part 97 Rules and Regulations

NINTH PRIZE: Sterling Deluxe Wire Stripper

Since Feb. 03, 116 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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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

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

Join us for pre-meeting eyeball

QSO
April 4th
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
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PAARA members are encouraged to purchase an annual advertising space in the PAARA newsletter, commonly known as PAARAgaphs. This space is the size of a regular business card and only costs \$60.. annually. The money really assists our Association in producing and mailing the finest printed radio club newsletter in the western United States.

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aa6t@arrl.net or 650-366-9111 to submit an ad.

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