

W6OTX**W6ARA****PAARA NEWSLETTER**

VOLUME 57, NUMBER 12, December 2007

K6OTA**K6YQT**

PAARAgraphs



Celebrating 70 years as an *active* ham radio club—*Since 1937*
The Palo Alto Amateur Radio Association, Inc.



CALENDAR

- Dec..... 7, **PAARA Meeting**, 7:30
Menlo Park Recreation Center
700 Alma Street, Menlo Park
- Dec..... 12, **PAARA Board Meeting**, 7:30
Red Cross Bld., 400 Mitchell Ln., Palo Alto
- Jan..... 4, **PAARA Meeting**, 7:30
- Jan..... 9, **PAARA Board Meeting**, 7:30



President's corner



December 07

Greetings to everyone from somewhere over the Pacific Ocean. I'm flying to Tokyo as I write this and I have to say that I'm pretty excited to be going on this trip. It's my first journey back to Japan in over 10 years. As many of you know, I lived there a number of years ago and it's like a second home to me.

Already the the atmosphere on the plane (no pun intended this time) is very Japanese. Unfortunately I do not yet have my JA callsign, but I intend to get one for my next trip out this way.

The good news (or bad news, depending on your perspective) is that I'll be back for the big December PAARA meeting, and it's going to be our most exciting meeting yet. We are having our Dream To Reality Raffle, put together by **Jim, K6AK**. He has really outdone himself this time. We are probably one of the first, if not **the** first club to be giving away an Elecraft K3, probably the highest performance HF radio available today. You might ask how PAARA is able to raffle off a K3 .. well, you have only yourselves to blame. Our membership has been so generous and supportive of our raffle that we are able to bring you this unprecedented first prize. A big thanks goes out to all of you and to Jim for making this possible.

You would think that would be enough for any radio club meeting, but this is PAARA we're talking about. We've got even more. On top of the raffle we have a really KB, speaker, **Tom Schiller N6BT** of Force 12 Antennaa and the program is "Antennas and DXpeditions". I've heard Tom speak a few times and you don't want to miss this one. I think you'll find this especially entertaining if you like to work the DX, but I think everyone will find something to appreciate about this story after listening to Tom.

I can't resist saying it: but wait, there's more! December is the annual PAARA leadership team election meeting. The slate of candidates is set and your voice is waiting to be heard. Come and vote for the candidate of your choice and help to launch our club into 2008. We're hoping that next year will see us bringing you more great talks, more trips, more radio,

(Continued on page 135) president's corner

NEXT MEETING

December 7, 2007

SPEAKER

and

PROGRAM:

Tom Schiller, N6BT

"Antennas and DXpeditions"

Tom Schiller, N6BT (DXpedition and Force-12 Antenna Guru) will talk about antennas, DXpeditions, Low Band DXing, and much more. Tom will just have come back from a DXpedition to C6 for the CQWW CW contest and might have some new shots from there. He's operating single band 160m / low power, and the other team members are single band 20m and 40m. Tom is an informative, humorous, and entertaining speaker. Don't miss this presentation!

~Jim Rice, K6AK



PAARAgaphs—December 2007
Celebrating 70 years as an active ham radio club—Since 1937

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 & W6UUR, repeater 146.985-pl
 Nets: 2m, 7:30pm Mon; 70cm, 442.425+ (p1 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/VCE 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

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/>

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

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



LIFE MEMBERSHIP

Awarded by Action of the PAARA Board
Ron Panton, W6VG July 2003
Joe Gomes, KB6HDC SK
Leslie Vickery, KB6HDC SK

Palo Alto Amateur Radio Association, Inc.

PO Box 911 Menlo Park, CA 94026

Officers

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	ungar@mac.com	
Treasurer	Ron Chester, W6AZ	408-243 2221
	w6az@arrl.net	

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Director (*08)	Doug Teter, KG6LWE	650-367-6200
	dteter@wewi.com	
Director (*08).....	Rob Riley, KI6INR (cell) 650 799-1607	
	ki6inr@arrl.net	

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

Appointed Positions

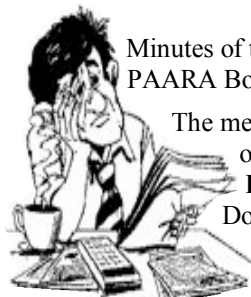
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Station Trustee K6OTA....	Ron Chester, W6AZ	
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PAARAGraphs—December 2007

BOARD OF DIRECTORS MEETING.



Minutes of the November 2007
PAARA Board Meeting

The meeting was called to order at 0345 Zulu on 11/15/07 (Zulu), at **Doug Teter KG6LWE**'s home QTH. (Thank you, Doug.) Present were **Kristen K6WX (Pres.)**, **Doug KG6LWE (Dir.)**, **Wally K6URO (Ed.)**, and myself **W6DH (Sec.)**. We determined that we did not have a quorum, and so held an abbreviated meeting.

The President reported that she has received great feedback on the KNTV trip. (Thank you, **Joel KD6W!**) We batted around some potential future speakers, and heard about the December speaker. The Winter Banquet is coming along nicely; the speaker is arranged. **Kristen** reported that she asked **Ron W6AZ** to double-check on whether the club received its share from last year's banquet, and will take the appropriate action when she hears back from him.

As **Joel KD6W** was out of town, we were unable to check in on the progress obtaining a new projector.

We also discussed the upcoming election and the candidate slate. **Doug KG6LWE** has been coordinating this. As of this writing (11-18-07), the slate consists of: **Kristen K6WX for President**, **Joel KD6W for Vice President**, **Ron W6AZ for Treasurer**, **David W6DH for Secretary**, **Gerry N6NV**, **Byron KG6UOB**, and **Peter K6WEB** for two Director positions. **Joel KD6W** does not want to take on speaker coordination, so we will likely have to form a committee of the officers and board members and rotate speaker coordination duties, with **Joel KD6W** as chair. **Doug KG6KWE** volunteered to make the ballots for the election.

Doug KG6LWE also volunteered to temporarily store the PAARA TV and VCR, as the current custodian wants to reclaim the space. (Thank you, Doug.)

The meeting adjourned at approximately 8:30 pm local time.

~David W6DH, Secretary

Correction to the minutes for the October, 2007, PAARA Board meeting:

The following two sentences from the minutes of the October 2007 Board meeting were incorrect:

"In fact, the club has so far this year more than doubled its total receipts for donated gear over all of last year! And last year brought in \$3300!"

Our treasurer, Ron Chester W6AZ, caught the error and has supplied the following correction:

"At the October PAARafest we made \$1,400 in sales of donated equipment. Before that in 2007, we had sold \$1,045 of donated gear. So the \$1,400 more than doubled our total sales in 2007 from \$1,045 to \$2,445.

Ron Chester W6AZ also said our total for 2006 was \$3,300 and that he hoped we might reach that total for 2007, but there was a good chance we wouldn't."

GOOD OPERATING PRACTICES PREVENT DOUBLING

de Rich Stiebel, W6APZ

Whether one is operating HF, VHF, or UHF, if there are more than two hams in a conversation, it is probable that two stations will start transmitting at the same time. This unintentional simultaneous transmission is called *Doubling*. This results in either only one station being heard by the third station, or unintelligible interference, depending on the relative power levels of the two stations and the operating mode.

Doubling is undesirable, as the transmitting stations have to repeat what they have said to ensure that everyone else in the group will hear and understand their message. So, how does one prevent doubling? Good operating practice tells us that when we have completed our transmission to give the call sign of the next station to transmit and to end with our call sign.

For example, if I were in a 3-way conversation with KZ6XXX and KZ6ZZZ, when I had finished my turn talking, I might say: "KZ6XXX and the group, this is W6APZ." That way KZ6XXX would know to transmit next and KZ6ZZZ (and any others) would know to wait for their turn to transmit. By specifying the next station to transmit, we can avoid doubling.

November Meeting: Show & Tell

Here are links to the lighthouse website for the tactical pack and the led flashlight that was shown at last months PAARA meeting:

A new military tactical LED flashlight that came on to the market a few months ago:

<http://www.lighthouse.com/index.asp?PageAction=VIEWPRD&ProdID=2883>

and also a newer type of cross-carry pack that is suitable for radio gear and personal items:

<http://www.lighthouse.com/index.asp?PageAction=VIEWPRD&ProdID=3006>

~Elaine

Patricia (Elaine) Gibbons
WA6UBE / AAR9JA

<http://www.qrz.com/wa6ube>

PAARA members are thankful for the gift of wonderful
Noah's Bagels
in support of Field Day and Emergency Preparedness
THANK YOU!

Noah's Bagels
1067 El Camino Real
Redwood City, CA 94063-1632

~Robert Johnson, KG6UWZ

PAARAgaphs—December 2007
Celebrating 70 years as an active ham radio club—Since 1937

KNTV Visit 2007

(more pages 136 & 138)



photo K6WX



photo K6WX



photo K6WX



photo K6WX



photo K6WX



photo W6DH

K6WX

PAARAGraphs—December 2007

PAARA / FARS 2008 Holiday Banquet Speaker

January 25th 2008 For more info:
<http://www.fars.k6ya.org/events/banquet>

MARTIN A. “Marty” Knutson

Marty's first Amateur Radio license was General Class, W0BBV dated 5/23/47. He is using a Collins KWM-2A that is converted to solid state, and also has a Collins 30L-1.

Marty Knutson was in the initial group of six USAF pilots “hired” by the CIA in 1955 for their covert U-2 program. This group was the first to deploy overseas. Knutson flew many missions, including Soviet overflights, during his service with the CIA. He retired from the U.S. Air Force as a Lieutenant Colonel in 1970.

In 1971 Marty joined NASA at the Ames Moffett facility as manager of the Airborne Instrumentation Research Project. This enabled him to continue flying the U-2's assigned to NASA for high altitude research. From 1975 to 1984 he served as Chief of the Airborne Missions & Applications Division at NASA Ames.

In 1984 he became Site Manager of the Ames-Dryden Flight Research Facility located at Edwards Air Force Base. He was responsible for the conduct of aeronautical flight research with some of the most advanced aircraft in this country. His responsibilities included the X-29 Forward Swept Wing program and operation readiness for landings of the Space Shuttle. From December 1990 to February 1997 Knutson served as Chief of Flight Operations for NASA's Ames Research Center. There he was in charge of flight research/test operations, modifications and maintenance on a variety of advanced rotorcraft and powered-lift vehicles. Other duties included conduct of airborne experiments utilizing a fleet of science and applications aircraft as national facilities for earth system sciences and infrared astronomical observation.

His awards include the Meritorious Service Medal and the Distinguished Flying Cross from the USAF, the Intelligence Star (twice) from the CIA, and NASA's Outstanding Leadership Award. He has received other NASA and Presidential honors and is an Associate Fellow of the Society of Experimental Test Pilots (inactive). He was awarded NAA's “Elder Statesman of Aviation” in 2003.

Marty has logged more than 8,000 hours of flight time, most of which are in high performance single engine jet aircraft. In twenty-nine years of flying all versions of the U-2 for the CIA and NASA he has accumulated about 4,000 hours in that aircraft. To cap his flying career, just before his 67th birthday, Marty flew the SR-71 at Mach 3.2 in a test flight at the request of NASA after retiring from NASA in 1997.

Until her death in 2006, he was married to the former Jeanine Lucas of Paris, France. The Knutson's resided in Los Altos Hills, California and their four children reside in various locations elsewhere in the United States. Knutson was born in Minneapolis, Minnesota on May 31, 1930.

(Continued from page 131) president's corner
and even more fun than last year.

As all of you know who attended the last general meeting, I was absent. I want to thank **Joel, KD6W** for hosting the meeting while I was in Santa Fe. I heard that it was a great meeting and I'm sorry that I missed it. I thought of maybe calling in to the meeting, but I ended up at a reception for the conference I was attending. I did take HF gear with me into the Santa Fe National Forest, but conditions were rather poor. I heard an LU somewhere in Patagonia on 20m CW and I called him for about 30 minutes, but no luck. I also called CQ on 20m CW for a while, but I got no answers. I ended up on 20m phone where I had a nice conversation with N4VP (or November four Vice President, as he said) from eastern Florida. We had a great time chatting about our radios and what I was doing in Santa Fe. I really enjoyed my time in New Mexico. The food was great and the stars were just unbelievable. It's been many years since I've seen the milky way so clearly. It was breathtaking.

One more thing I want to mention is our tour to KNTV. If you missed that one then you really missed out. Just like the KPH tour, we got to see some really special things. PAARA Vice President Joel, through his business association with KNTV, scored us a blockbuster tour of both the studios and the transmitter shack on Mt. Allison, in Fremont. Joel's friend **Warren, WB6UQU**, who is the station engineer, showed us everything that goes into the production of broadcast media at the studios. That was wonderful, but I have to say that, as a ham, I was really blown away by the trip to the transmitter site. We got to see the enormous antenna array on Mt. Allison and then we saw the actual transmitters in operation. Warren opened up the cabinets and we saw the enormous transmitting tubes as well as their feeds, adjustments, cooling, and power supplies. A quick calculation showed that the input power was 30KW! It was a real treat and, as we were told, not something that other people get to see. Warren even took a moment to adjust the match on one of the transmitters as we watched. Amazing.

Thanks to everyone for being a PAARA member in 2007 and for making this a great year to be associated with you and for making it a real pleasure to be your president for this year. I can't believe that it's over. I hope to see all of you back for next year. Don't forget to renew your PAARA membership at the next meeting. Until next time, yoroshiku onegaishimasu.

~Kristen, K6WX



One in a Million Photo
fivepoint@reachone.com

PAARAgaphs—December 2007
 Celebrating 70 years as an *active* ham radio club—*Since 1937*

NUMBER SIX IN THE NATION

PAARA: 2007 Field Day Pacific Division 3A Champion

The ARRL has posted the results of this year's Field Day on their website and in December QST. PAARA improved from 2006 to 2007 by every standard of measure, repeating as the Class 3A Champion in the Pacific Division. Our final national standing in Class 3A moved up from number nine in 2006 to number six in the nation!

Our claimed score of 10,774 points on 3,207 QSO's was confirmed in the official results. With 283 entries, Class 3A was the 3rd most competitive of all Field Day entry categories.

Field Day Comparisons				
	2004	2005	2006	2007
Entry Totals				
# Field Day entries, All categories	2,240	2,200	2,184	2,331
# Field Day entries, Our category	450	127	279	283
# Field Day entries, Pacific Division	126	114	113	117
# Field Day entries, SCV Section	32	31	32	31
PAARA Results				
Total Points	6,004	6,378	8,644	10,774
# QSO's	1,704	1,930	2,187	3,207
PAARA Rank for All entries in:				
Entire Nation	182	100	70	34
Pacific Division	11	8	7	3
SCV Section	4	4	4	3
PAARA Rank in Our category in:				
Entire Nation	56	15	9	6
Pacific Division	4	1	1	1
SCV Section	1	1	1	1

See the chart of Field Day Comparisons to see how our rankings have steadily improved from 2004 to 2007. We ranked #34 in the nation out of all 2,331 entries (#70 in 2006) and #6 in our category (#9 in 2006.) Once again we won our class in both the Santa Clara Valley Section and the entire Pacific Division (Northern California, Nevada, Hawaii, & all other U.S. Pacific Ocean islands.) For all entries in the nation, only nine stations west of the Mississippi and three stations in California scored higher than our score. Only 24 stations in the nation made more QSO's than PAARA.

Less than 1.5% of all entries in the nation beat our score (3.2% in 2006) and less than 1.8% of all entries in our category beat our score (2.9% in 2006.) We are very proud of these great results!! This was only possible because of an outstanding TEAM effort by 123 participants in all. Thanks to all!

Come join us for another successful Field Day operation in 2008!

~Ron Chester, W6AZ



Looking out from the top



Now THAT's a final



K6WX



more
KNTV Visit 2007
 Photos K6WX & W6DH

PAARAgaphs—December 2007

License Study Session

A one day study session for Technician or General Class Amateur Radio License

Date: Jan 12, 2008

Time: 8:00am - 5:00pm

Where: Dianne Feinstein Elementary School in the Sunset District of San Francisco.

Email: wb6zbu AT arrl.net

Contact: Ross Peterson, WB6ZBU

Fee: \$30.00

Register: baears.com

Sponsored by:

San Francisco Fire NERT (sfgov.org/site/sfnert)

SEMINAR & EXAM: AMATEUR ("HAM") RADIO

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 in a disaster.

Dates: Tuesdays Jan. 15, 22, 29 & Feb. 5 (exam night)

Time: 6:30pm - 9:00pm

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

Email: Ken Dueker: kdueker AT powerflare.com

Fee: \$35.00

[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

Register: Email Ken Dueker kdueker AT powerflare.com Advise if you also wish to attend the Emergency Comm class.

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.) will be provided for this class.

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).

Sponsored by:

Menlo Park Fire Protection District CERT:

(www.menlofire.org/cert)

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

Date: Tuesday, Feb. 12, 2008

Time: 6:30pm - 9:30pm

Where: TBA (Menlo Park area)

Email: Ken Dueker: kdueker AT powerflare.com

Fee: FREE

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

Register: Email Ken Dueker kdueker AT powerflare.com

Instructors: David Fichou (Menlo Fire ARES) & Ken Dueker (Palo Alto P.D.) will be provided for this class.

Sponsored by:

Menlo Park Fire Protection District CERT:

(www.menlofire.org/cert)

Ham Radio's Technical Culture

Book review by Kristen Haring

Decades before the Internet, ham radio provided instantaneous, global, person-to-person communication. Hundreds of thousands of amateur radio operators--a predominantly male, middle- and upper-class group known as "hams"--built and operated two-way radios for recreation in mid twentieth century America. In *Ham Radio's Technical Culture*, Kristen Haring examines why so many men adopted the technical hobby of ham radio from the 1930s through 1970s and how the pastime helped them form identity and community.

Ham radio required solitary tinkering with sophisticated electronics equipment, often isolated from domestic activities in a "radio shack," yet the hobby thrived on fraternal interaction. Conversations on the air grew into friendships, and hams gathered in clubs or met informally for "eyeball contacts." Within this community, hobbyists developed distinct values and practices with regard to radio, creating a particular "technical culture." Outsiders viewed amateur radio operators with a mixture of awe and suspicion, impressed by hams' mastery of powerful technology but uneasy about their contact with foreigners, especially during periods of political tension.

Drawing on a wealth of personal accounts found in radio magazines and newsletters and from technical manuals, trade journals, and government documents, Haring describes how ham radio culture rippled through hobbyists' lives. She explains why hi-tech employers recruited hams and why electronics manufacturers catered to these specialty customers. She discusses hams' position within the military and civil defense during World War II and the Cold War as well as the effect of the hobby on family dynamics. By considering ham radio in the context of other technical hobbies--model building, photography, high-fidelity audio, and similar leisure pursuits--Haring highlights the shared experiences of technical hobbyists. She shows that tinkerers influenced attitudes toward technology beyond hobby communities, enriching the general technical culture by posing a vital counterpoint.

Kristen Haring is a visiting scholar in Columbia University's Department of History. She holds degrees in mathematics from the University of Pennsylvania and the University of North Carolina at Chapel Hill and a PhD in history of science from Harvard University. Haring's work has been recognized by the Society for the History of Technology, which awarded her the IEEE Life Members' Prize in Electrical History for portions of *Ham Radio's Technical Culture*. She has served on the board of directors of the Keith Haring Foundation since its creation by her brother in 1989.

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Now THAT's a final



one last shot--



more
KNTV Visit 2007

Photos K6WX & W6DH

Congratulations: November 2nd 2007 PAARA Raffle Prize Winners

- 1st Prize:** John Larribeau / KR6MR / Alinco DM-330 MVT 30 Amp Power Supply
- 2nd Prize:** Doreen Smith / KG6DKB / Super Antennas MP1 *"Special Thanks to Ron Chester W6AZ for Donation"*
- 3rd Prize:** Rob Riley KI6INR / Red Cross / FR-250 / AM/FM/SW Emergency Radio
- 4th Prize:** Byron Beck / KG6UOB / ARRL 2008 Handbook with CD-ROM
- 5th Prize:** Joel Wilhite / KD6W / ARRL Desktop Repeater Directory 2006-2007
- 6th Prize:** Dale O'Harra / NX6S / Sterling Deluxe Wire Stripper
- 7th Prize:** Ken Ashe / KI6HLQ / FCC Part 97 Rules and Regulations
- 8th Prize:** Peter Sheerin / K6WEB / Gordon West 8 Audio CD's 0-5 WPM CW Learning Course

PAARA Members and Visitors: THANK YOU FOR YOUR SUPPORT of the exciting monthly raffles! Since Feb. 03, **109 Radios**, including 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 is having a remarkable year in 2007! If you aren't a member, please join PAARA now, and experience fun 2007 events with the "friendliest club around."

K6AK Jim



PAARAgaphs—December 2007
PAARA Dec. 7th Meeting
 and “Event of the Year”

“*Dream to Reality Raffle IV*” with over \$1500 in prizes

PAARA “The Friendliest Club Around”

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

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

Menlo Park Rec. Center / Council Chambers

700 Alma St., Menlo Park, CA.

Welcome Members and Visitors / Raffle Prizes:

FIRST PRIZE: Elecraft K3 HF- 6m

Ultra-High Performance Transceiver *(Factory Assembled)*



- Main Receiver and Sub-Receiver Feature a High-Dynamic-Range, Down-Conversion Analog Architecture
- Roofing Filters with Bandwidths as Narrow as 200 Hz
- Both Fixed- And Variable-Bandwidth Crystal Filters in Both Data, CW, and Voice-Mode Bandwidths
- Two 32-bit Digital Signal Processors Provide True Software-Defined Features, Along With Expansion Memory to Handle Future Signal Processing Tasks

SECOND PRIZE: Heil “Heritage” Studio Mic

Professional-grade Cardioid Dynamic Base Station Microphone



- Designed For Recording Studios and Commercial Broadcast Applications
- Exhibits a Remarkably Natural, Clear Tone Quality
- Dynamic Element Mounted in Sorbothane © Shock Mount System / Reduces Handling Noise
- Ingenious Blue Foam Windscreen is Molded to Fit Inside the Microphone Shell

THIRD PRIZE: Heil “The Traveler” Headset and Cable



- Heil ‘iC’ Boom Mic Element
- Pendant Switch / PTT & Up/Down • Frequency Control

FOURTH PRIZE: American Red Cross FR-250 AM/FM/SW Radio / Cell Phone Charger

FIFTH PRIZE: ARRL 2008 Handbook with CD-ROM

SIXTH PRIZE: Ferrico EMC Test and Design Kit (100 Piece) Split Ferrite Filters

SEVENTH PRIZE: Galaxy-880 Telescopic Dual Band High Gain Antenna 3.2 db 2m / 5.6 db 440MHz

EIGHT PRIZE: Ultimate DX World Map / 24” x 36”

NINTH PRIZE: ARRL Desktop Repeater Directory + Shake Flashlight

TENTH PRIZE: World Radio 1 Year Subscription + FCC Part 97 Rules

Since February 2003, 109 Radios, including 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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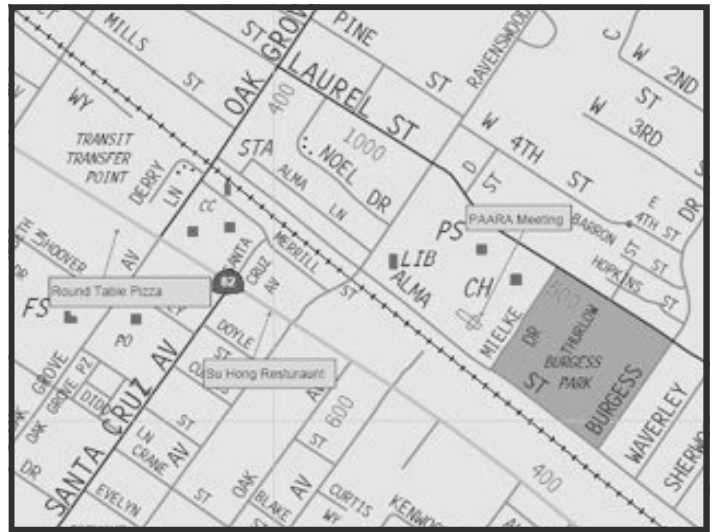


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Doug Teter, KG6LWE
 At any meeting or kg6lwe@arrl.net

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 \$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

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

Join us for pre-meeting eyeball

QSO
December 7th
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!

PAARAgaphs—December 2007

ADVERTISERS WANTED.

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.

If you or your employer have a service to offer or a product to sell, please consider running an ad or an infomercial in PAARAgaphs. Remember that this little publication is distributed to many hams and ham radio supporters who will read it cover to cover. Simply contact the PAARAgaphs representative, Terry Finn, AA6T, at:

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SURPLUS CONTRIBUTIONS NEEDED/WANTED FOR HAM RADIO INTEGRATION

Apple G4 DESKTOP CPU (hard drive not required)

VHS VCR (if possible with SVHS playback)

CABLE READY TV (with working remote control)

TNX & 73

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PAARAgaphs Ad Rates

PAARAgaphs accepts paid advertisements from non-members. (short personal ads remain free for members in good standing). All ad rates listed are per issue only.

1. Not-for-profit ads by association members for ham-related items and wants. No cost for business card-size ads (additional space at \$2.50 per business card size).

2. For Profit organizations and/or individuals: \$5-business card size, \$25-half page, \$50 full page or back cover.

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

All fees payable in advance by the year with "scanner-ready" copy or text-only ads. Give payment and copy to Terry Finn, AF6TF

