

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

VOLUME 56, NUMBER 1, January 2007

K6OTA**K6YQT**

PAARAgraphs



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



CALENDAR

- | | | |
|-----|---------|--|
| Jan | 5 | PAARA Meeting
7:00–9:30
Menlo Park Rec Center
700 Alma Street
Menlo Park, CA 94025 |
| Jan | 10 | Board Meeting 7:00pm
Red Cross Bld., 400 Mitchell Lane Palo Alto
<small>(due to Parking Lot problems location may change, check net before Bd. meeting)</small> |
| Jan | | PAARA Meeting , 7:00pm |
| Jan | | PAARA Board Meeting , 7:00pm |
| Jan |19 | Winter Banquet |



President's corner



Welcome to a new year of the President's corner and with that new year, a new president. Thank you all for your faith in me and in our new officers and board of directors for 2007. I'm looking forward to an exciting year for PAARA and an opportunity to bring you even

more of the radio club we all enjoy so much. I'd like to welcome our new vice president, **Joel Wilhite, KD6W**, our new secretary **David Ungar, W6DH**, and our returning treasurer **Ron Chester, W6AZ** to the leadership team. In addition, we have two new directors: **Doug Teter, KG6LWE**, and **Rob Riley, KG6HVW**. Thank you all for stepping up to the plate and serving the club. I'd also like to thank outgoing secretary **Adrianus Schrauwen, W6AJS**, and, last but not least, outgoing president **Terry Finn, AA6T**. Both of these people greatly contributed to PAARA over the last two years and I think they deserve our thanks for a job well done. There are also others who will be continuing to work at their appointed positions like **Jim Rice, K6AK**, who runs our raffle and **Wally Porter, K6URO**, our newsletter editor, as well as others. Let's give each of them our full support. An organization like PAARA is only successful through the efforts of its volunteers and I would like to encourage each of you to consider helping out in any way that you can.

The December meeting saw PAARA members displaying their creativity through the ham projects they had built throughout 2006. It was wonderful for me to see what had been cooked up by the members and, of course, ham ingenuity and 'monetary efficiency' were in full evidence. It was wonderful! Of special note were **Joel, KD6W s'** 10GHz transverter and **Dave, AE6EO s'** homemade antenna tuner and noise bridge.

I'm looking forward to seeing all of you at the PAARA/FARS, FARS/PAARA Winter Banquet on January 19, 2007. There will be lots of great prizes, a great speaker (DXpeditioner **Alan Eshleman, K6SRZ**), and, most importantly, time to enjoy dinner with all of your friends at Michael's at Shoreline. Be sure to sign up before the cutoff date of January 15th on either the FARS or PAARA website. See you here next month.

K6WX Kristen McIntyre, President PAARA

NEXT MEETING

January 5, 2007

SPEAKER and PROGRAM:



YV0 Aves Island DXpedition "

Jignesh Desai AD6TF is an avid DXer and contester. He obtained his extra class license in 1999. Jignesh has been to many IOTA DXpeditions in the Caribbean and has operated from India and Chile in CQWW CW contests. He will share some of his experiences from a recent YV0 DXpedition to Isla de Aves, "a most lonely island of the Caribbean." The YV0 crew passed through a very difficult time when one of the team members passed away on the first day of the DXpedition. The presentation will include a slide show with audio and video clips covering Aves Island history, geography, nature, and the YV0 DXpedition. Jignesh Desai is a California state licensed professional engineer. He works for San Francisco Public Utilities Commission as a project manager for capital improvement projects.

~AD6TF

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 3rd Thursday 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 223.96 (+1.6) 156.7 ctcss 1286.20 (-12m) 100.0 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/> or Mac Millian 650-688-0423. **MACM@paarc.org**

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

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

A SHORT GREETING FROM YOUR SECRETARY.

I would like to thank the PAARA members for the confidence placed in me over the past 2 years as your secretary. I tried my best to serve the membership within the realm of my capabilities. Since I joined PAARA I gained a good number of friends and learned a lot while having a good time. I wish the new Board of Directors and the PAARA membership good luck and I look forward to many more pleasant experiences.

Your outgoing secretary, Adrianus (W6AJS)

Palo Alto Amateur Radio Association, Inc.

PO Box 911 Menlo Park, CA 94026

Officers

President	Kristen McIntyre, K6WX kristen@alum.mit.edu	510-703-4942
Vice President.....	Joel Wilhite, KD6W joel.wilhite@gmail.com	650-325-8239
Secretary.....	David Ungar, W6DH ungar@mac.com	650-255-2131
Treasurer	Ron Chester, W6AZ w6az@arrl.net	408-243 2221

Directors

Past President.....	Terry Finn, AA6T terry@incognitoservices.com	650-366-9111
Director ('07).....	Gerry Tucker, N6NV n6nv@arrl.net	650-326 4908
Director (07).....	Andreas Junge, N6NU n6nu@arrl.net	650-233-0843
Director ('08).....	Doug Teter, KG6LWE kg6lwe@arrl.net	650-367-6200
Director ('08).....	Rob Riley, KG6HVV (cell) kg6hvv@arrl.net	650 799-1607

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

Appointed Positions

Membership	Vic Black, AB6SO ab6so@smrn.com	650-366 0636
Database.....	Rick Melrose K6RDM k6rdm@arrl.net	408-732-2247
Chaplain	Rev. Rick Line, KG6TMD kg6tmd@arrl.net	650 323 8544
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 rgk4u@aol.com	650-595 1842
Badge Coordinator.....	Doug Teter, KG6LWE kg6lwe@arrl.net	650-367-6200
Raffle Coordinator.....	Jim Rice, K6AK	650-851-2274
Ticket Master	Kyle Rice, KG6MSK	
Field Day Coordinator.....	Gerry Tucker, N6NV	
ASVARO Rep.....	Rolf Klibo, N6NFI n6nfi@arrl.net	650-856-2748
Webmaster.....	position vacant	
Technical Coordinator.....	Joel Wilhite. KD6W..... joel.wilhite@gmail.com	650-325-8239.
QSL Manager.....	Rob Riley, KG6HVV (cell) kg6hvv@arrl.net	650 799-1607

PAARAgaphs Staff

Editor	Wally Porter, K6URO k6uro@arrl.net	650-494 7038
Guest Editorials.....	Terry Finn, AA6T	650-366-9111
Photography: Dick Kors, KM6EP, Al Montoya, WB6IMX, John Larribeau, KR6MR,	Wally Porter, K6URO, Mark Cohen, K6EF	
Advertising.....	Terry Finn, AA6T aa6t@arrl.net	650-366-9111
News.....	Terry Finn, AA6T	650-366-9111
Member Profiles	Terry Finn, AA6T terry@incognitoservices.com	650-366-9111
Technical Tips.....	Vic Black, AB6SO ab6so@smrn.com	650-366 0636

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

BOARD OF DIRECTORS MEETING.

Board of Directors met on Wednesday evening, Dec 12, 2006
In attendance were the following PAARA members.



President Terry Finn, AA6T; Secretary Adrianus Schrauwen, W6AJS; Treasurer Ron Chester, W6AZ; Director Gerry Tucker, N6NV; President elect Kristen McIntyre, K6WX; Vice President elect Joel Wilhite, KD6W; Secretary elect David Ungar, W6DH and Director elect Doug Teter, KG6LWE.

Visiting the Board meeting were: Membership coordinator **Vic Black, AB6SO**; Database Manager **Rick Melrose, K6RDM**; QSL Manager **Rob Riley KG6HVW** and member **Stan Towle, WA6ZGI**.

Being a Quorum present, President Terry Finn started the meeting at 19:30 hrs;

The minutes of the past Board of Directors meetings were read by the secretary Adrianus Schrauwen and were accepted as read..

The treasurers report was passed around discussused and accepted as presented.

The main discussion was centered around the future and continuation of PAARA programs, field day, flea Market and possible planning for next year's 70th anniversary of PAARA.

In a short ceremony the outgoing President Terry Finn handed the gavel to President elect Kristen McIntyre. Kristen then thanked the Board of directors as well as the members of PAARA for the new position and will try to continue to steer PAARA in the right direction.

The meeting adjourned at 20:45 hours.

Respectfully submitted by

Adrianus Schrauwen, W6AJS, PAARA Secretary



**VE S: Larry Max KG6UXG, Jerry Roylance AD6MW, Stan Towle WA6ZGI, Gordon Girton W6NW,
Terry Finn AA6T, Mike Gavin W6WZ., Al Montoya WB6IMX.**

Homebrew Rust Remover

from WorldRadio September 2006

Don Kemp, NN8B

During a recent discussion on the MorseCode mailing list about rust removers, several commercial products were mentioned. One was Evapo-Rust, which, according to the manufacturer, was safe to use, was fast, and could be disposed of right down the drain. I bought a gallon of it to try out on some rusty parts of a telegraph key I wanted to restore. The lowest price I could find at the time was \$15.00 per gallon plus shipping.



I used about a quart of Evapo-Rust in the test and it worked very well. It removed the rust from the key's steel arm in two days. I did several items with equal success.

I went back to the Evapo-Rust website to research the product a little further. The process this product uses to remove rust is called chelation. The chelation agent combines with the iron oxide and kind of holds it in suspension. The result is a de-rusted object.

While searching the web for more information about chelation, I came across a list of a few things that are chelators, one of which is molasses.

If molasses is mixed with water at a 9:1 ratio, that's nine parts water to 1 part molasses, it's supposed to remove rust. OK, this is interesting. If this were true then it would be much cheaper than the commercial product. I asked my wife if we had any molasses. She found a 12 oz. bottle of Brer Rabbit molasses that had never been opened. I found a glass gallon jug in which to mix the brew. Now, how do I get the molasses out of the bottle? A kitchen knife didn't fit the opening and it sure isn't going to pour out by itself. Tried hot water; but couldn't get it hot enough. Then I put the microwave to use. By zapping it for 15 seconds at a time and checking the bottle for heat, it got hot enough to eventually run out. Be careful here, it heats up from the inside first. Check for pour-ability as you heat it up.



The gallon jug is just right for the mix. The 12 ounces of molasses mixed with 108 ounces of water is nearly a gallon, which is 128 oz. I just filled the jug with water and mixed the molasses up in it. I figured the 9:1 ratio doesn't need to be that exact.

My first test was the steel arm of a J-37 telegraph key. The top of the arm was completely covered with rust. The bottom of the arm was less rusty. I removed the arm and suspended it into the molasses mix with a piece of mig welding wire. Mig wire is copper clad steel wire, and I just happened to have it around for another project I was working on, so I used it. More on the wire later.

Most of the information about molasses/chelator said it would take up to several weeks to de-rust stuff. Since it took two days to de-rust another arm using Evapo-Rust, I checked the current test in two days for a comparison. When I removed the arm after the two days and washed it in tap water, I was really surprised. The rust just washed away. It left a clean steel arm.

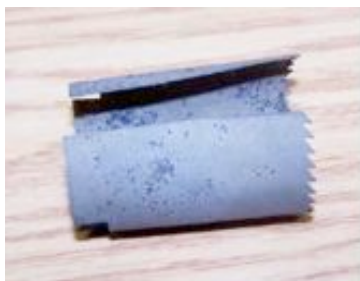
So, now my interest was really piqued. I found a steel hole saw that had been left outside for a year. It was pretty rusty, as you can see in the accompanying picture. I decided not to scrape off any loose scale. I wanted to see how effective the molasses would be with the crusty rust.

I checked the progress every day for four days, and then checked it three times during the following four days. It was quite surprising how well it worked on the crusty rust.

Each time I checked it, I would wash it with tap water and dry it. Each time the rust would be thinner and more base metal would show through. When you look at the before and after pictures you will see a dramatic difference. I think the black spots are the remains of the original black coating on the saw blade. I looked at the surface with a 12-power jeweler's eye loop, and there are some very small remnants of rust remaining.



It looks to me that the molasses chelation process is a keeper. It remains to be seen how long this batch can be used. At some point the chelation molecules will hold all they can hold and it will stop working. But, it's hard to beat for the price. The local groceries had molasses for around \$2.00 per bottle. \$2.00 per gallon is much better than \$15.00 per gallon plus shipping.



I mentioned the mig wire has a copper cladding on the steel. When I took the saw blade out of the solution, the copper had been stripped off the steel wire. So, there are probably some acids in the molasses that like copper or brass. I also tried an old brass key base in the molasses for about 12 hours. The bare brass had a copper color, which means the zinc has been removed from the brass. Test a throw-away piece before you try to de-rust a good piece just to make sure it won't ruin something. More testing is needed on other metals to see how they react to the molasses.

To sum it up, molasses is a cheap way to de-rust steel. It's a little slower than commercial de-rusters. I believe if I had scraped off the loose scale and rust, the process would have been faster. I later found out there are several types of molasses. The type I used is now unknown. I do not think it was a "lite" style molasses and I don't recall seeing "blackstrap" on the label before I threw it out. The commercial chelation de-rusters target only steel oxides, so they will not bother copper and brass. Molasses may attack other metals, so take care how you use it.

Have fun de-rusting. Don Kemp, NN8B.

PAARA / FARS * FARS / PAARA

2007 Winter Banquet

January 19, 2007 at Michael § / Shoreline / Mountain View

When: 6:00pm - Open Bar (No Host)

7:00pm - Dinner

8:00pm - Presentation

9:00pm - Announcements, Awards, Raffle

On Line Sign ups accepted until noon on January 15th

<http://www.fars.k6ya.org/events/banquet>

Speaker: Alan Eshleman K6SRZ



Alan Eshleman K6SRZ has been on quite a few interesting DXpeditions including T33C, T30CA, T32CK, and Kure Atoll in 05.

Alan Eshleman, MD MPH, is a board certified internist, medical writer, and editor. His clinical practice is in general internal medicine. He recently retired from the Northern California Kaiser Permanente Medical Group where he divided his time between seeing patients and serving as the Chief Medical Editor for Kaiser's Internet Services Group. Dr. Eshleman has a special interest in communicating scientific and medical issues to the general public.

He has moderated on-line medical discussion groups, and for several years wrote the "Doctor E's Diary" for SFGate, the online service of the San Francisco Chronicle.

Raffle Prizes: We will raffle off over \$1,000 worth of prizes.

FIRST PRIZE: Yaesu FT-857D HF, 160-6m, 2m, 70cm, with YSK-857 Separation Kit

SECOND PRIZE: Yaesu FT-1802M 2m, 50w Mobile Radio

THIRD PRIZE: West Mountain Radio Crimp Tool with bag of Anderson connectors

FOURTH PRIZE: Grundig FR200 Emergency radio

AND many other prizes



A PAARA EDITORIAL.

submitted by Terry Finn. AA6T.

The N6NFI repeater is such a great resource for many of our PAARA members. It hosts the 9AM Talk Net each weekday morning which is very well organized and handled by a small, core group of experienced net control operators. There is a huge participation by new and old hams which causes this net to carry on some mornings until past 11 AM. If you have not yet joined in to this rather fun and interesting talk net, please know that you are welcome at any time. We are aware of many hams who simply listen as it may be their social highlight of the day.

However, since so many new hams listen or participate, we believe that this should be considered a training exercise so that the newer radio operators can learn things and apply them to their own operations. For example, real hams use the proper phonetic pronunciation of the alphabet, rather than any old word or funny phrase. Some of the worst offenders of this are older more experienced hams. And yes, sometimes it is fun and humorous to use words and phrases that are not phonetically correct. But when you have such a large audience and a vast coverage area, we think it is time to start using the correct phonetics.

I hear some of the worst offenders, for example: "roger,baker,George", : "can't find nothing", : "I love America". These are mature, experienced operators who can have great fun in a CW or FM simplex rag chew, but we believe it is time for everyone to start using proper phonetics while using this wide area repeater. What do you think ?

Special Prefixes Authorized

At the request of Radio Amateurs of Canada, Industry Canada has authorized all Canadian radio amateurs to use special event prefixes for the months of December 2006 and January 2007, to mark the 100th anniversary of the first AM voice broadcast by Reginald Fessenden on Decemebr 24, 1906. Reginald Fessenden, who was born in East Bolton, Quebec, on October 6, 1866, and lived until July 22, 1932, was the holder of more than 500 patents on a wide variety of subjects, and the inventor of radio as we know it today. He is particularly known for: the first voice transmission by radio in 1900, the first transatlantic two-way radio communications in January 1906, and the first radio broadcasts of entertainment and music in December 1906. On Christmas Eve, 1906, from a transmitting station in Brant Rock, Massachussetts, he sent a short program which included the song O Holy Night played on the violin and a reading from the Bible. A second short program was broadcast on December 31, 1906. Canadian radio amateurs are authorized to use the following special event prefixes during the period 1 December 2006 to 31 January 2007 inclusive:

CF for VA stations
 CG for VE stations
 CH for VO stations
 CI0 for VY0 stations
 CI1forVY1 stations
 CI2 for VY2 stations

Sent by the RAC Bulletins from RACHQ mailing list robot. Send comments to: rachq@rac.ca
 For more information about the email robot, please visit: <http://rac.eton.ca/racbullemail.htm>

From Terry Finn, AA6T



Here is a picture of our trusty antenna/tower removal team,
Doug-KG6LWE, Zack-no call, Rich-no call, and Joel-KD6W.

This is the KLM-34A that Dave Daniel donated to PAARA as well as the 3 section tower.

A list of the badges club members have ordered and never picked up:

- June, KG6UVZ
- Mike, K4AZY
- Mark, K6FTF
- Alan, K6ADG
- John, N6FLX
- Chuck, KF6SRD
- Jonni, N6JCY
- Howard, KF6YXH
- Michele, KG6QXL
- Ron KG6JQT

See
Doug Teter, KG6LWE



Field Day Video on the WEB

The video of the PAARA 2005 Field Day activities can now be viewed from the web, to do so first pointi your browser at

www.video.google.com,

then search on "PAARA". Viewing is best with a higher speed Internet connection such as DSL or faster, but the video can still be seen by downloading and watching using the Google viewer when running from your local computer. The video depicts a variety of PAARA 2005 Field Day activities, including possibly yourself, but also a night scene recorded with infered of the first PAARA satellite connection.
 ~**Dick Kors, KM6EP**

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

Operation by "Basic Plus" Amateurs in the USA

Since Industry Canada removed the mandatory requirement for the Morse Qualification for access to the HF bands below 30 MHz on July 22, 2005, there has been confusion as to whether amateurs with a "Basic Plus" qualification (without Morse Code) are permitted to use the HF bands in other countries. A spokesperson for the FCC's Amateur Division has clarified the situation regarding the Reciprocal Operating Agreement between Canada and the United States:

- A Canadian Basic Plus licensed operator located within the US, US- controlled territories or US territorial waters has the same HF privileges as in Canada, insofar as those privileges do not exceed those granted to US Extra Class amateurs.

A Canadian licensed operator operating within the US or US waters must comply with US regulations for the Amateur Radio Service. Their operating privileges can be no more than those of a US Extra Class Amateur. This means that Canadian amateurs in the US cannot, for example, use SSB below 7150 KHz on the 40 meter band, as they are able to do in Canada or in international waters. Industry Canada has confirmed that this statement is consistent with IC's understanding of the reciprocal operating treaty between Canada and the US. The situation in other countries varies from country to country. Many countries have still retained the Morse requirement for HF, and some countries continue to require a Morse qualification for HF operation by amateurs visiting from other countries. Basic Plus operators planning to visit countries other than the US and wishing to operate on HF while travelling should contact the regulatory authorities in those countries before leaving Canada.

Submitted by Terry Finn AA6T



Congratulations: December 1st PAARA Raffle Prize Winners

- 1st Prize:** Doug Kalish KI6DRJ / Yaesu FT-1802M / 2m Mobile/ 50W
- 2nd Prize:** Bob Golder WA2CFN / Yaesu VX-150 / 5W / 2m / HT / with Extra Battery
- 3rd Prize:** Carl Costa W6KGO / Power Pocket / 12V / 2AH / Portable Battery Pack
- 4th Prize:** Dell Harbold K6JPX / Power Panel 6 Port / DC Power Distribution Panel
- 5th Prize:** Bill Young KC6VWO / DT 830B Digital Multimeter
- 6th Prize:** Ned Tufekcic AC6YY / Programmable Message Fan
- 7th Prize:** Joe Tumminaro K6JFT / Amplified Speaker / Adjustable Volume
- 8th Prize:** Joel Wilhite KD6W / Dynamic Mic

PAARA Members and Visitors: THANK YOU FOR YOUR SUPPORT of the exciting monthly raffles! Since Feb. 03, 95 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 2006! If you aren't a member, please join PAARA now, and experience fun 2006 events with the "friendliest club around."

~K6AK Jim

PAARA January 5th 2007 Meeting



PAARA The Friendliest Club Around ”

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

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

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

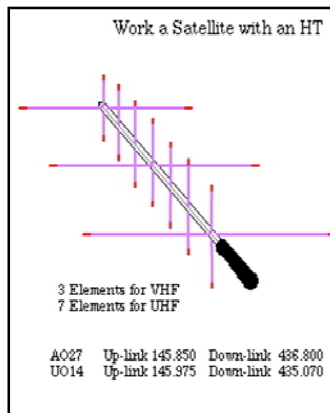
Welcome Members and Visitors / Raffle Prizes:

FIRST PRIZE: LDG Z-100 Antenna Tuner



- Tunes From 0.1 to 125 Watts
- Latching Relays
- Current Draw is Nearly 0 When Tuner is Not Tuning
- 200 Fast Memories / Decreases Tuning Time Up To 95%
- Optional Interfaces Available For Popular Radios
- Operating Range is 1.8 to 54MHz

SECOND PRIZE: Arrow 146 / 437 MHz Yagi



- Portable Satellite Operation
- Maximum Gain and Efficiency
- Separate BNC Connectors
- Strong and Light Weight
- Easy to Carry and Assemble

THIRD PRIZE: Weller 40 Watt Solder Station with Adjustable 5-40 Watts

FOURTH PRIZE: 2007 ARRL Handbook with CD

FIFTH PRIZE: Amateur Radio 2007 Calendar

SIXTH PRIZE: Programmable Message Fan

SEVENTH PRIZE: Computer Speakers

EIGHT PRIZE: Four PL-259 UHF Connectors

Since February 2003, 95 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

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

FOUND

A handheld radio was found in a Menlo Park restaurant Thursday night August 31. If it is yours, please contact:
 Rob Riley, kg6hvw@arrl.net,
 and identify it for its quick return.

MEMBERSHIP NOTICE

To develop a reliable PAARA Rooster, Data Base, PAARAgaphs mailings
ALL CHANGES OR CORRECTIONS
 should only go to:
 PAARA Secretary, Adrianus Schrauwen W6AJS
 hagenees@att.net, 650 494 6256, or at General meetings
 (this includes changes in Membership or Family Membership)

Join us for pre-meeting eyeball

at Su Hong Restaurant
 1039 El Camino Real, Menlo Park

Food will be served at **5:30** sharp, so guests will be on time for the PAARA meeting.
 Those arriving late will be responsible for their own order and bill.

PAARA Radio NET

every Monday evening at
 8:30 P.M., local time

on the 145.230 - 600 MHz repeater, PL tone off

HAM FEST

at
ANGELINO S'RESTAURANT

3132 Williams Road, at Winchester Blvd.

2:00 PM

Second Sunday each month

www.Angelinosrest.com

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

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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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Contact:
Chuck N6VFH, FORMER PAARA BOARD MEMBER,
PAARAGRAPHS EDITOR
E-mail: n6vfhmailbox@yahoo.com

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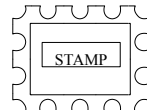
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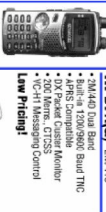


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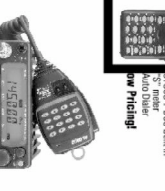
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