W6OTX W6ARA PAARA NEWSLETTER K6OTA K6YQT
VOLUME 60, NUMBER 11, November 2010

PAARAgraphs

The Official Newsletter of the
Palo Alto Amateur Radio Association, Inc.
Celebrating 73 years as an *active* amateur radio club—*Since 1937*

CALENDAR

November 5, **PAARA Meeting**, 7:00 p.m.
Menlo Park Rec Ctr
700 Alma Street, Menlo Park

November 17, **Board Meeting,** 7:00 p.m.
Palo Alto Red Cross
400 Mitchell Lane, Palo Alto

November 17 is also the
DEADLINE for PAARA*graphs* submissions.
Send items for PAARA*graphs* to
Robin Yee, **KI6YTA@ARRL.net**

You won't want to miss our next meeting!

NOVEMBER 5, 2010

Our program will be…

...Rob Goodson, N2RAG

The Role of Amateur Radio in the San Bruno Disaster

First licensed as a ham in 2002 with the call KG6QQC, Rob Goodson has devoted much of his public service mandate to the American Red Cross in Disaster Services Technology. Now having the call N2RAG, he continues to serve with the Disaster Services Technology and is presently the Lead Government Liaison for the American Red Cross in San Mateo County.

President's Corner

What a fun filled Amateur Radio month it's been since I last had the chance to meet you here in the President's Corner! There is almost too much to write about, but I'll try to keep it short so that Robin, KI6YTA, our PAARAgraphs editor doesn't hand me my head on a platter. By the way, please give Robin a big thanks when you see her for her wonderful work bringing PAARAgraphs to you each month. It's a big job, and she does it wonderfully. Thanks Robin!

After my return from Japan near the end of September, I was completely wiped out from jet lag, and so I missed PAARAfest. I hope that all of you had a great time and drank a few beers in my absence. Thanks go to Joel, KD6W, and his wife for putting that on each year.

Our California QSO Party LXpedition was a great success, despite me not feeling well on the second day. Rick, N6DQ arranged everything including a van, antennas, and a nice cabin in the town of Lewiston, CA. It was an approximately five hour drive from the Bay Area, and there was no cell service at all, making the escape complete. We worked over 800 contacts, and even scored some GUD DX when EU opened up. The real BIC award winner was Joanna, K6YRU, who was absolutely tireless on phone. We missed Idaho and South Dakota, but got all of the Canadian

(Continued on page 115) Pres Corner

Upcoming PAARA Elections!

Nominations CLOSE at the November meeting.
Election will be held at the December meeting.

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 **S**ilicon **V**alley **A**mateur **R**adio **O**rganizations)
Second Saturday of month, March-October, 6am–2pm
Howard M. Krawetz, N6HM 650-856-9761
Contact: *http://www.electronicsfleamarket.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 7:00pm each month at Menlo Park Rec. Center; Net 145.230 - PL 100Hz Mondays at 8:30. See our website at http://www.paara.org/ for more information.
Or contact: Joel Wilhite KD6W, KD6W@ARRL.NET, 650-325-8239

FARS Foothills Amateur Radio Society
Meets 4th Friday each month at 7:30pm
contact: *http://www.fars.k6ya.org/*

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

QCWA Chapter 11
Northern California Quarter Century Wireless Association
Meets third Wednesday monthly at Harry's Hofbrau in Redwood City @ 11:30 AM.
Guests are welcome. Saturday morning net on 146.850 MHz, PL 114.8

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

TEARS The Elmer Amateur Radio Society
Dedicated to operational training, knowledge building &
FCC exam testing. KV6R repeater under construction.
Contact **AA6T@ARRL.NET** . Most members are Extra
class or VE's. See QRZ dot com/kv6r for class info

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:
147.39 (+600) 151.4 ctcss 441.35 (+5.0 88.5) ctcss
223.96 (+1.6) 156.7 ctcss 1286.20 (-12m) 100.0 ctcss
Meetings are 3rd Wednesday of 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
fshensley@Novell.com

***(please** send changes to PAARAgraphs editor: KI6YTA@arrl.net)*

Please contact Rick Melrose to settle your 2010 membership dues so you can keep receiving your PAARAgraphs.

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	Doug Teter, KG6LWE dteter@wcwi.com	650-367-6200
Secretary	Rick Melrose K6RDM k6rdm@arrl.net	408-341-9070
Treasurer	Ron Chester, W6AZ ron@taxhelp.com	408-243 2221

Directors

Past President ('10)	Joel Wilhite, KD6W kd6w@arrl.net	650 325 8239
Director ('10)	Rob Riley, KI6INR kg6hvw@arrl.net	650 799-1607 (cell)
Director ('11)	Byron Beck KG6UOB kg6uob@arrl.net	408-369-1913
Director ('10)	Mark Cohen K6EF markc@binaryfaith.com	
Director ('10)	Larry Rebarchik N6CCH N6CCH@arrl.net	650-218-0091 (cell)

Appointed Positions

Membership	Vic Black, AB6SO ab6so@smrn.com	650-366 0636
Database	Rick Melrose K6RDM k6rdm@arrl.net	408-341-9070
Chaplain	Rev. Rick Line, KG6TMD kg6tmd@arrl.net	650 323 8544
Public Affairs	Vacant	
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 bob@rgktechsales.com	408 396 4745
Badge Coordinator	Lynn Gentry, KG6JPV	
Historian	Christopher McIntyre, KG6SVI	
Raffle Coordinator	Jim Rice, K6AK	650-851-2274
Ticket Master	Kyle Rice, KG6MSK	
Field Day Coordinator	Doug Teter, KG6LWE	
ASVARO Rep	Rolf Klibo, N6NFI n6nfi@arrl.net	650-856-2748
Webmaster	Mark Cohen K6EF markc@binaryfaith.com	
Technical Coordinator	Joel Wilhite. KD6W	650-325-8239
	kd6w@arrl.net	
QSL Manager	Rob Riley, KI6INR (cell) ki6inr@arrl.net	650 799-1607
Speaker Coordinator	Doug Teter, KG6LWE dteter@wcwi.com	650 325 8239

PAARA*graphs* Staff

Editorial Board
Robin Yee KI6YTA, Kristen McIntyre K6WX, Ron Chester W6AZ, Vic Black AB6SO, Joel Wilhite, KD6W

Editor	Robin Yee, KI6YTA KI6YTA@arrl.net	
Advertising	Ron Chester, W6AZ ron@taxhelp.com	408-243-2221
Member Profiles	Terry Finn, AA6T	650-366-9111
Technical Tips	Vic Black, AB6SO ab6so@smrn.com	650-366 0636
Photographer	Bill Young, K6VWO jdsinger@sbcglobal.net	

PAARA 2010 General Meeting dates——1/8, 2/5, 3/5, 4/2, 5/7, 6/4, 7/9, 8/6, 9/3, 10/1, 11/5, 12/ 3——

PAARA*graphs*—November 2010
Celebrating 73 years as an *active* ham radio club—*Since 1937*

(Continued from page 113)
provinces. I think we did Trinity County proud in CQP this year. We learned a lot that can be applied next year.

The following weekend was the PAARA sponsored ASVARO Electronics Flea Market. We had a great time making it all happen once again, and the club did very well. We sold out of all of the vendor spaces, and sold out of donuts by 9:30 or so. I think we'll get a few more dozen for next year. We also did very well on drinks and gear that we were selling there. The Flea Market is one of the biggest fund raisers for us during the year, and I'd like to encourage all of you to support it when you can. Many people made our sponsorship of the Flea Market possible, and I'd like to thank them here individually. As usual, when I attempt this, I invariably leave someone off, so let me apologize in advance. If I miss your name, just let me know and I'll mention you next month. A big PAARA thank you to Doug KG6LWE, Byron KG6UOB, Gerry N6NV, Ron KG6RLG, Seth KF6UZX, Rolf N6NFI, Jim KI6KVW, Rob KI6INR, Doña KI6DAR, Clark KD6KXO, Carol W6GEM, Tom KF6LWZ, Ron W6AZ, Svend KF6EMB, Dave K6WA, and Mikel KN6QI. An extra special thanks goes to Gerry for taking care of ordering and picking up the donuts at the last minute when there was nobody else available. Thank you everyone.

Last, but not least, there was Pacificon, sponsored by the Mount Diablo Amateur Radio Club. After last year's absence from the Bay Area, it was wonderful to be able to have the Pacificon experience again. For my part, I ended up missing every session and just schmoozing with all of my friends, some of whom I only see once a year. There was plenty of gear on display, and many bargains to be had. I acquired a LiFePO4 battery pack and charger from the folks at Buddipole. It will be fun experimenting with using that and the K2 portable. Cliff Stoll, K7TA, was a hoot as the banquet speaker, and I had a great time hanging out in the bar until midnight that night. The only problem was that I had to be back at 10AM for an East Bay Section open cabinet meeting. I was pretty sleepy that morning. I have to say, though, that the best part was receiving a specially made apple pie and dish from Lodema, KI6UGV. She made that specially for me since I missed the pies at the last PAARA meeting because of CQP. Thank you so much Lodema.

Well, that's all of the goings on that I can fit into our usual space for the President's Corner. Next month I can give you an update on ionospheric conditions, and progress into the fall contest season. I hope to see all of you at the next PAARA meeting. Until then ...

73 ES CUL DE K6WX

Board Meeting Minutes
10/20/10

The Board Meeting was held at the Palo Alto Red Cross building, commencing at 7:25 PM on the 20th of October, 2010. Attending were Kristen McIntyre K6WX (Pres), Doug Teter KG6LWE (VP), Rick Melrose K6RDM (Sec, Database), Rob Riley KI6INR (Dir), Larry Rebarchik N6CCH (Dir), and Robin Yee KI6YTA (Editor). A quorum was present.

Secretary's Report: Rick K6RDM reports that the minutes of the 23rd of September Board meeting had been previously submitted and approved.

President's Report: Kristen K6WX commented on the recent Pacificon and that it was a lot of fun and nice to see it back in the Bay Area. She was able to talk with some good candidates for presentations at PAARA Meetings. Discussion proceeded to the new Club website which John Miller K6MM has created and the fact that the switch has now been made and the new site is up on PAARA.org, and a handsome piece of work it is indeed. We have the years 2006 to the present of PAARAgraphs up on the site and more will be put up the website as development progresses. John is heartily thanked for his continuing effort and excellent result. A look at the site should inspire members to volunteer some content, the door is wide open.

The Club's sponsorship of the ASVARO Ham Flea Market on October 9th went very well. The weather, always a question this time of year, was very cooperative and the event was very well attended. Setup, operation, and take down went smoothly, and all who contributed and participated are very much thanked.

Discussion then proceeded to our imminent club

(Continued on page 116)

LIFE MEMBERSHIP
Awarded by Action of the PAARA Board

Wally Porter K6URO Dec 2008
Steve Stuntz, K6FS Dec 2007

(Board Meeting Minutes—Continued from page 115)
elections. Nominations for positions still open will be received at the November meeting and the slate of candidates for the election, to be held at the December meeting, will be announced at that time. While a good deal of membership renewal activity will occur in the year end meetings as always, current active membership at the time of the elections qualifies a club member to vote.

Vice President's Report: Doug KG6LWE reported that per conversations with Kristen, Rob Goodson N2RAG, who is very active in the Red Cross, will be giving a presentation regarding the recent emergency at the PG&E gas line explosion in San Bruno at our upcoming November 5th General Meeting. This made news all around the world -– an inside look should be very interesting.

Treasurer's Report: Ron W6AZ was unable to attend and will be updating the board at the next scheduled board meeting.

The meeting was adjourned at 8:30 PM.

Tri-City VE Group Test Sessions

Where: Hurricane Electric
48233 Warm Springs Blvd
Fremont, CA

When: **Saturday, November 13, 9:00 a.m.**
Thursday, December 16, 6:30 p.m.

For more information, contact
Rita, **KI6SSQ@arrl.net**, (510) 703-7090
or
Bernhard, **AE6YN@arrl.net**, (510) 364-0611
or visit
www.sbara.org.

Congratulations to the winners of the September 2010 Raffle

1st Prize: Pat Sullivan, W6ABA: Powerwerx 30 Amp Power Supply
2nd Prize: Leigh Klotz, WA5ZNU: Super Antennas MP1 Portable HF Antenna
3rd Prize: Bob Korte, KD6KYT: Solarlink FR500
4th Prize: Bill Young, K6VWO: TWO FRS / GMRS Radios
5th Prize: Marty Wayne, W6NEV: Power Pole Connectors 10 Pair
6th Prize: Pat Sullivan, W6ABA: Bongo Ties
7th Prize: Bill Young, K6VWO: Nine LED Flashlight

Special Prize: Bill Young, K6VWO: Pie & Hand-Made Ceramic Pie Holder / Courtesy of KI6UGV Lodema Epperson

THANK YOU FOR YOUR SUPPORT
of PAARA's exciting monthly raffles!

PAARA had a remarkable year in 2009! If you aren't a member, please join PAARA now and experience fun 2010 events with the "friendliest club around."

K6AK Jim

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
??? - 2009

PAARA*graphs*—November 2010
Celebrating 73 years as an *active* ham radio club—*Since 1937*

PAARA "The Friendliest Club Around"

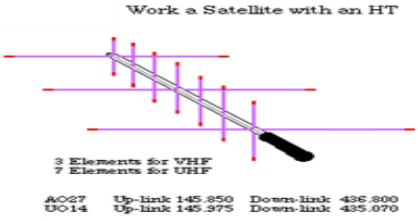
November 5th Raffle Prizes

FIRST PRIZE: YAESU FT-1900R 2m / 55W / Mobile

- Extended Receiver Coverage 136-174 MHz
- Illuminated Microphone with Keyboard Frequency Entry and Recall
- 200 Memory Channels with Alpha-numeric Labeling
- Dedicated 10-Channel NOAA Weather Broadcast Channels
- Adjustable Mic Gain and Wide/Narrow Deviation and RX Bandwidth

SECOND PRIZE: Arrow Yagi Antenna
3 Element VHF / 7 Element UHF / Max Gain

- Max Gain and Efficiency in the Smallest Package
- Perfect Satellite Antenna
- Boom / ¾" Square / 37 ½" Inches Long
- Boom and Elements have Plastic Tips for Safety
- Weight 19oz



THIRD PRIZE: Samlex SPS-1206 / 5.5 Amp / Power Supply

- Output 13.2V DC / 5.5 Amp
- Current Limiting / 6 Amps
- Weight 2 lbs. / Dimensions: 3.8"W X 6"L X 2"H

FOURTH PRIZE: Battery Tender Junior / 12V / 0.75A / 4-Step Charging / Auto Float
FIFTH PRIZE: Two FRS/GMRS Radios
SIXTH PRIZE: CQ Amateur Radio Calendar 2011-2012
SEVENTH PRIZE: Mini-Log
EIGHTH Prize: Nine-LED Flashlight

Since February 2003, **191 Radios**, including THREE Elecraft K3s, a Yaesu FT-847, an Icom 706 MK IIG, a Yaesu FT-897D, and TWO Elecraft KX1s have gone to Fellow Hams.

Special Thanks to Bob, Howard, Jon, Mark, and everyone at HRO for their continued support!

de K6AK Jim

Amateur Radio Accessibility

Darryl Presley, KI6LDM

INTRODUCTION

Accessibility is now becoming more commonplace for many computer related use we take for granted. It is becoming less and less of a specialized area and as such benefits everyone. Amateur radio is no exception and the newer radio models are becoming more accessible either on the radio itself or through the software that controls it. For instance, the ICom IC-7000 has a speech synthesizer that can be used to speak the current frequency, mode, and S-meter levels. This article will serve to provide the reader some guidance that can be used specifically for those who are visually impaired.

SPECIAL NOTE: This article will not focus on totally blind users nor the use of JAWS. It is possible to use JAWS with software that controls a given radio but only if the controlling software package complies with current ADA standards.

REQUIREMENTS

To have accessibility for your radio, the following requirements should be met:

1. The Windows or MAC OS platform you have must support both the screen magnifier or screen reader assistive technology software AND the radio controlling software package.
2. The radio controlling software should be transparent to the use of other applications.
3. Java Access Bridge version 2.0.1 or higher from Sun (nor Oracle) has been installed from: http://java.sun.com/developer/earlyAccess/accessbridge/

For the purpose of this article and to serve as a working example, we will use the following:

Dell Latidue e6400 running Windows XP with service pack 3
ZoomText 9.18.4.45 screen magnifier or higher by Ai Squared
The Java Access Bridge version 2.0.1 or higher
Ham Radio Deluxe Beta 5
Icom IC-7000 HF/VHF/UHF transceiver
West Mountain RigBlaster Pro

It is assumed that the above components have been installed, and are working properly.

ZoomText Screen Magnifier

While Windows XP does offer some accessibility features, ZoomText provides more tools and flexibility to the end user for their specific needs. ZoomText screen magnifier offers the ability to set the magnification level and type of magnification. For example, the type of magnification can be set to an overlay magnification lens on the desktop, a moving lens, a docked lens (left, right, top or bottom) region of the screen, or full screen magnification. In addition, ZoomText offers the ability to modify the video display for those who are color blind (monochrome or reverse video), increase the contrast and enhance character smoothing.

If you are using ZoomText, configure its settings to suite your needs. Ensure that you have both mouse and cursor tracking enabled. You may wish to set the following with in ZoomText under the Settings menu:

Under the **Tracking** tab, enable the following:

Mouse pointer
Text cursor
Menus
Controls
Windows
Area to Track should be set to Entire Screen

Under the **Mouse** tab, enable the following:

Route pointer into view when it is moved

This last setting is important as some applications will hide the mouse pointer however, ZoomText will redisplay it when the mouse is moved.

PAARA*graphs*—November 2010
Celebrating 73 years as an *active* ham radio club—*Since 1937*

Ham Radio Deluxe

Now, to the more fun stuff. In this article, we will use Ham Radio Deluxe (HRD) Beta 5 as I have found it to be more accessible to the end user in addition to using an assistive technology (AT) tool such as ZoomText. There are a few things you should be aware of when using a screen magnifier with HRD.

- HRD makes extensive use of tool tips for just about every feature of the product. This is great however, depending upon your level of magnification, these tool tips can fall outside of your field of view.
- When configuring HRD, make use of the Appearance controls as the authors of HRD have gone to great lengths for flexibility but be mindful of the color, background and foreground settings you choose in the Appearance configuration. If you have changed the display settings in ZoomText, changes in the Appearance tab in HRD might create a less than desirable display if the two conflict.
- HRD digital modes do consume CPU cycles for FFT computations for PSK31, RITTY and other ditital modes while displaying the waterfall. This will compete with ZoomText's ability to display what is on the screen and at times, performance can be sluggish.

HRD has a voice synthesizer that enables you to hear various settings such as current frequency, mode and the S meter reading. Under the Voice menu, if you enable voice then select Frequency + Mode, each time you switch frequencies and mode, it will speak the new frequency and mode. In addition, if you select Tool Tips under voice, mousing over the various buttons (accept the sliders and band region) the tool tip is spoken. This is helpful if the tool tip falls outside the field of view.
The voice feature is also useful in the Satellite Tracking specifically for when a given satellite appears on the horizon (acquisition of single) or disappears below the horizon (loss of single). HRD will speak these events 2 minutes and 1 minute prior to the event and when the event actual occurs.

If you find that while running DM780 or PSK31 or other digital modes causes your computer to run much slower (assuming you have sufficient memory and your system meets the minimum requires) this can be caused by the speed at which HRD is displaying the waterfall along with FFT computations. It is recommended to slow down the waterfall display doing the following:

1. Start DM780 if you are not already there
2. Click on Program Options
3. On the left pain of the Program Options window, select Waterfall
4. Click on the tab: Frequency, Mode, Speed

In the top right region of the window is an area marked "Speed" with 4 buttons labeled 1 through 4. The higher the number, the faster and more CPU the waterfall display will consume. The lower the number, the slower and less CPU. Choose a lower number. Select 3 will reduce the display speed and use less CPU. Choose the number that best suites your situation.

If you are using the PSK Reporter and have the map displayed, you will see several points on the map in different colors. The different colors represent contacts made on different bands and to whom the contact was made. If you mouse over these points, a square box on the bottom left is updated providing information about the station. This may be out of your field of view. However, if you click on it, a pop up balloon window will be displayed just above the point showing the station's information and when it was last contacted. In full screen mode of ZoomText, you should be able to pan over this information.
The HRD logbook works well with ZoomText. Cursor tracking moving from field to field for log entry enables the user to enter the information without having to move the mouse. This is the case for ZoomText full screen mode where the cursor and mouse tracking focuses the user at or near center screen. One other option you may wish to enable is the Cursor tool in ZoomText. This allows you to enlarge the cursor for easy identification.

The tips and guidelines provided in this article should help anyone using a screen magnifier with HRD to have a better experience. Many amateur radio software applications will work transparently with a screen magnifier such as ZoomText but some may exhibit issues. If required, ensure that the Java Access Bridge is installed and the assistive technology tool utilizes it. Refer to the appropriate documentation for your assistive technology tool.

TERMS

ADA Americans with Disabilities Act 1998 and 2001 under Section 508 of the ADA legislation
AT Assistive Technology such as screen readers and screen magnifiers
JAWS Job Access With speech screen reader software produced by Freedom Scientific
WCAG Web Content Accessibility Guidelines provided on the w3c.org web site which provides guidelines for building accessible web base contentment.

JAMECO® ELECTRONICS

James Farrey
Sales Manager

James Electronics Ltd
1355 Shoreway Road, Belmont, CA 94002
Tel: 650•592•6718 x 350 Fax: 650•802•1520
Direct: 650•802•1511 jfarrey@jameco.com

w w w . j a m e c o . c o m

YOUR AD HERE
See the next page for details

The following badges are ready for pickup:

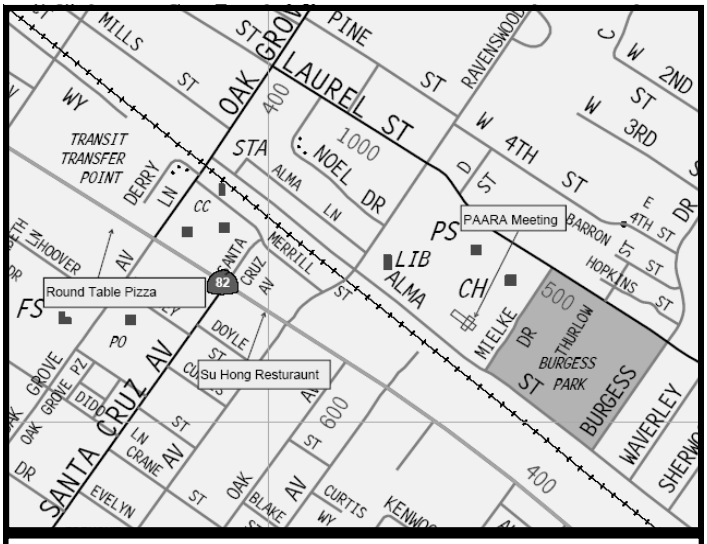
KG6GYY Art; **KF6SRD** Chuck;
KG6QKN Franci; **K6FEW** Frank;
K6TSR George; **N6GYR** George;
KG6ZWQ Henri; **N6JCY** Joani;
KG6QKQ Kali; **K6FTF** Mark; **K4AZY** Mike;
KJ6GBC Tony; & **K6VVK** Vincent

If you would like to order a badge, see
Lynn Gentry, KG6JPV.

PAARA Weekly Radio Net

Info and Swap Session every Monday evening at 8:30pm on the N6NFI 145.230 MHz repeater.

Week	Control Operator
1st	Doug Teter - KG6LWE
2nd	Robin Yee—KI6YTA
3rd	Jack Pines - W1VSL
4th	Marty Wayne - W6NEV
5th	Mike Bray - N6MEB



Directions to PAARA meeting:
http://paara.org/meetings/

Join us for pre-meeting eyeball

Eye Ball QSO
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!

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 100Hz.

Membership in PAARA is $20.00 per calendar year, which includes one subscription to PAARAgraphs
$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.

PAARA*graphs*—November 2010
Celebrating 73 years as an *active* ham radio club—*Since 1937*

DON'T FORGET!

Amateur Radio Technology Day

November 13th, 2010

8AM to 9PM

at the SLAC National Accelerator Laboratory

Ilse Beck, E. A. , KI6IBM

Beck Business Services

441 N. Central Avenue, #9
Campbell, CA 95008

Enrolled Agent
Income Tax
Bookkeeping/Payroll
Elder Care
Consultations
Billing and A/R

Phone/FAX: 408-267-8234
Email: ilsebeck@jps.net

W6AZ

palo alto PAARA amateur radio association since 1937

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

Tax Preparation & QuickBooks Consulting - Ham discount

MADONNA'S BAIL BONDS

Ayudamos a la Comunidad Hispana

REDWOOD CITY — 650-366-9111
SAN FRANCISCO — 415-495-2245
SAN JOSE — 408-266-2245

TERRY FINN CA Insurance License # 1A38965, AA6T
234 Marshall Street, UPSTAIRS #3 Redwood City, CA 94063-1550

PowerFlare®

PowerFlare® safety lights:
Ultra-rugged 360 degree LED beacon
for your emergency kit, car, home …
Order on eBay or call 650-322-2476
(search for "PowerFlare")

http://www.foto.mail.ru/list/shkurkin

Vladimir Vladimirovich

SHKURKIN

Editing and Translation Services
English-Russian-English

shkurkin@ix.netcom.com

PAARA*graphs* E-mail address:

ki6yta@arrl.net

Submissions for PAARA*graphs* by the 3rd Wednesday

Text:	MSWORD, RTF, or TEXT
Photos:	JPEG or TIFF raster images

Missing PAARAgraphs, too many copies, wrong name or call on label? Contact Database Manager:
Rick Melrose K6RDM, **1-888-725-1895**, k6rdm@arrl.net

PAARA*graphs* Ad Rates

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

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

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 PAARAgraphs 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 Ron Chester, W6AZ**

PAARA*graphs* — November 2010

Accept no substitutes. Produced and printed in California USA

STAMP

Palo Alto Amateur Radio Association, Inc.
PAARA*graphs* Newsletter
P.O. Box 911
Menlo Park, California 94026

FIRST CLASS MAIL

ANAHEIM, CA (Near Disneyland) 933 N. Euclid St., 92801 (714) 533-7373 (800) 854-6046 Janet, KL7NF, Mgr. anaheim@hamradio.com

BURBANK, CA (Glendale/Pasadena Area) 1525 W. Magnolia Blvd, 91506 (818) 842-7769 (877) 892-1748 Eric, K6ERC, Mgr. Magnolia between S. Victory & Buena Vista burbank@hamradio.com

OAKLAND, CA 2210 Livingston St., 94606 (510) 534-5757 (877) 892-1745 Mark, W7YN, Mgr. I-880 at 23rd Ave. ramp oakland@hamradio.com

SAN DIEGO, CA (Serving Mira Mesa Area) 5375 Kearny Villa Rd., 92123 (858) 560-4900 (877) 520-9623 Jose, XE2SIB, Mgr. Hwy 163 & Clairemont Mesa sandiego@hamradio.com

SUNNYVALE, CA 510 Lawrence Exp. #102, 94086 (408) 736-9496 (877) 892-1749 Jon, KG6WV, Mgr. So. from Hwy 101 sunnyvale@hamradio.com

NEW CASTLE, DE (Near Philadelphia) 1509 N. Dupont Hwy., 19720 (302) 322-7092 (800) 644-4476 Chuck, N1UC, Mgr. RT 13 1/4 m. So. I-295 newcastle@hamradio.com

PORTLAND, OR 11705 S.W. Pacific Hwy. 97223 (503) 598-0555 (800) 765-4267 Bill, K7WJE, Mgr. Tigard exit, Hwy 217 Northbound lanes portland@hamradio.com

DENVER, CO 8400 E. Iliff Ave. #9, 80231 (303) 745-7373 (800) 444-9476 John, W6WJ, Mgr. denver@hamradio.com

PHOENIX, AZ 10613 N. 43rd Ave. 85029 (602) 242-2515 (800) 559-7388 Gary, N7GJ, Mgr. Corner of 43rd Ave & Peoria phoenix@hamradio.com

ATLANTA, GA 6071 Buford Hwy., 30340 (770) 263-0020 (877) 263-0020 (800) 444-7927 Bill, K4MQV, Mgr. Doraville, 1 mi. No. of I-285 atlanta@hamradio.com

WOODBRIDGE, VA (Near Washington D.C.) 14803 Build America Dr. 22191 (703) 643-1063 (800) 444-4799 Steve, W4SHG, Mgr. Exit 161, I-95, So. to US 1 woodbridge@hamradio.com

SALEM, NH (Boston Area) 224 N. Broadway, 03079 (603) 898-3750 (800) 444-0047 Peter, K1IM, Mgr. sales@ham-radio.com Exit 1, I-93, 28 mi. No. of Boston sales@hamradio.com

12 STORE BUYING POWER

HAM RADIO OUTLET

WORLDWIDE DISTRIBUTION

OAKLAND, CA
2210 Livingston St., 94606
(510) 534-5757
(877) 892-1745
Mark, W7YN, Mgr.
I-880 at 23rd Ave. ramp
oakland@hamradio.com

SUNNYVALE, CA
510 Lawrence Exp. #102, 94085
(408) 736-9496
(877) 892-1749
Jon, KG6WV, Mgr.
So. from Hwy. 101
sunnyvale@hamradio.com

KENWOOD

TS-2000 HF/VHF/UHF TCVR
• 100W HF, 6M, 2M • 50W 70CM
• 100W 1.2 GHz (Optional) • EXV-20 module
• Built-in TNC, DVR, Bluetooth • Detachable Front Key Panel
• IF Stage DSP
Call Now For Special Price!

TH-F6A 2M/220/440
• Dual Channel Receive
• 1 - 1300 mHz Cell blocked Rx
• FM, NOAA, AM/220/440 TX, FM
• 50W 2M/220/440 TX, FM
• 435 Memories
• Li-Ion Battery
Call For Low Price!

TM-D710A 2M/440 Dualband
• 50w 2M & UHF
• Optional Voice synthesizer
• 1000 memories • Dual receive
• Advanced APRS Features
• Echolink® Ready w/ 10 memories
• Built-in TNC • Sky Command II+
• GPS, I/O Port
• Choice of Green/Amber LCD backlight
Call Now For Special Introductory Price!

REMOTE RIG

RRC-1258 MKII-Set NEW!
This set of interfaces allows remote control of your Amateur Radio Station via Internet in a user-friendly and cost effective way!
RemoteRig gives you control of the radio coupled with crystal clear TX & RX audio and sending CW with your own Paddle!
Works with all Computer-controllable radios from:
Alinco - Elecraft - ICOM - Kenwood - Yaesu
For radios with detachable front panels
no PC is required for:
TS-480HX/SAT, TS-2000 (RC-2000 req'd), IC-703Plus
IC-706 series, DX-SR8T, IC-2820H, IC-P2800
Just simply insert your control box in place of your front panel interconnect cable, place the body of the radio on the remote end and you are on the air as if you are there!
Extra Controller and Remote interface units sold individually for multiple sites/users.
Available exclusively from all HRO Locations!

ALINCO

DJ-G7T 2m/440/1.2 Triband HT
• Full duplex any two bands
• Internal VOX
• CTCSS/DCS + Tone scan built-in
• Hi-capacity Li-Ion battery
• 1000 Memories
Low Pricing!

DR-135TP 2M mobile
• 50 Watt out • Alpha numeric display
• 10 Memories • Built-in TNC 1200 & 9600 Baud
• Front Panel GPS in • Rear DB-9 port
• CTCSS/DCS Encode/Decode built in
Low Pricing!

COAST TO COAST FREE SHIPPING
UPS - Most Items Over $100

Rapid Deliveries From The Store Nearest To You!

YAESU

VX-8DR/VX-8GR
5W 144/220/440 (VX-8DR)
2m/440 w/ Built-in GPS (VX-8GR)
• Bluetooth optional
• waterproof/submersible
3 ft 30 mins
• GPS/APRS operation optional
• Li-Ion hi-capacity battery
• wide band Rx
NEW!

FT-857D
Ultra compact HF, VHF, UHF
• 100w HF/50M, 50w 2M, 20w UHF
• DSP included • 32 color display
• 200 mems • Detachable front panel
(YSK-857 required)
Call for Low Price!

FT-2000 HF + 6M tcvr
• 100 W w/ auto tuner
• built-in Power supply
• DSP filters / Voice memory recorder
• 3 Band Parametric Mic EQ
• 3 Fl roofing filters
Call Now For Low Pricing!