

PAARAgraphs



The Official Newsletter of the

Palo Alto Amateur Radio Association, Inc.

Celebrating 79 years as an *active* amateur radio club—Since 1937



"K5P DXpedition To Palmyra Atoll John Miller, K6MM

John will take us on a journey to one of the rarest and most inaccessible DXCC entities in the world: Palmyra Atoll in the South Pacific.

Bio

John was first licensed as WV2BQJ in 1958 while living in Syracuse, NY. For the last decade, he has focused heavily on DXing, contesting, and recruiting new operators into the hobby. His DXCC total stands at 328 confirmed and he holds 8-Band DXCC.

John was been a member of several DXpedition teams:

Operator: PJ7E (Sint Maarten), K9W (Wake Atoll), K1N (Navassa Island), and K5P (Palmyra Atoll)

Webmaster or Pilot: NH8S (Swains Island), C82DX (Mozambique), FT4TA (Tromelin) and 3GØZC (Juan Fernandez).

John is a Past-President of the Northern California Contest Club, a founding member of the CW Operators' Club, and a current Director of both the Northern California DX Club and the Northern California DX Foundation. He has also served as Co-Chairman of the International DX Convention for 2011, 2013, 2015 and will again for 2017.

In addition to his four grandchildren, John's interests include website design, piano composition, and exploring the back roads of the Bay Area on his Harley Davidson motorcycle.

Upcoming Events

- Apr 1 PAARA General Meeting, 7:00 PM
- May 6 Cubberly Community Center, Room H-6, 400 Middlefield Rd, Palo Alto
- June 3
- Apr 20 Board Meeting, 7:00 PM
- May 18 Everyone welcome!
- June 15 Marty's Home (April Only)
- April 30 USS Hornet Tour



President's Corner

April 2016

Spring is here and the vernal equinox is past, but that special propagation is still here. I've just returned from the Palm Springs Hamfest, and had an unexpectedly awesome experience on my return trip. And the PAARApLink was another great success - let's do it again soon!



It's that time of the year when night and day are balanced, and that seems to make HF ionospheric propagation work better than usual. My own personal theory is that around the equinoxes, there is enough sunlight at reasonable angles to nicely charge the F-1 and F-2 layers. They are the layers that are responsible for most long-distance propagation. The sunlight, though, is still not strong enough to fully charge up the D layer - the one that attenuates HF radi-

(President — Continued on page 6)

Getting to know you

DARRYL PRIESTLY (K1GLDM) hails from Ponca City, OK, the youngest of 3 boys. His father was a radio officer (chip off the ole block?) in the US Navy, which soon took the family to live in San Diego, CA. Unfortunately, it was soon discovered that Darryl had congenital cataracts, and needed surgery, which replaced his lens and pupils. He was only one year old. Consequently, he became legally blind. On the minus side, he had many challenges socially and academically throughout his school years, but his determination and steadfastness were demonstrated in his studies. However, there is a plus side to his disability. He eventually attended San Diego State, with a focus on computer science and math. After college, he joined Oracle, and has been with them for 27 years. Another plus is that his hearing became very good, so watch what you say near him! Just kidding!

During his high school years, a neighbor, who was a scuba instructor, encouraged him to try diving, he accepted the invitation, and has been an active diver ever since. Some of his scuba excursions include: Monterey Bay, San Diego, Mexico, Great Barrier Reef of Australia, Cayman Is, Palao, and his favorite place: Truk Lagoon. I asked him what scuba means to him and he expressed his love of the peacefulness of being underwater, and his enjoyment in



seeing underwater life.

Darryl and his wife, Rodna (KJ6GVQ), of 20 years, enjoy road trips together. They have visited many parts of the US.

His preferred music for listening is classic rock, jazz, and classical. He shared that he once had the pleasure of meeting both Stevie Wonder and Huey Lewis, at their concerts.

I asked Darryl when he became involved in ham radio, and he explained that a co-worker had introduced him to the CERT volunteer program, a few years ago. He and his wife readily joined the Cupertino Amateur Radio Emergency Services (CARES), in their area, and discovered that ham radio was, in fact, an vital tool in emergency situations that may happen. Darryl got busy and obtained his Tech License in 2007, and his General, the next year, and finally his "Extra", in 2011. Way to go, Darryl!

When I asked him how being a ham has impacted his life, he gave me several ways: 1) he likes that it challenges him technically, 2) it has helped him meet other hams, and 3), it is a hobby he has fun with!

Also, it seems he is lucky with lottery tickets as he won 3rd place in the Christmas raffle. Congrats, Darryl!

Diana Lloyd

Mar 16, 2016 Board Meeting Minutes

The March Board Meeting was held at the home of Marty Wayne, W6NEV, commencing at 7:41 PM on March 16th, 2016. In attendance were Kristen McIntyre, K6WX (President), Marty Wayne, W6NEV (VP), Jim Thielemann, K6SV (Secretary/Membership), Ron Chester, W6AZ (Treasurer), Darryl Presley, KI6LDM (Dir), Byron Beck, N6UOB (Dir), and non-Board Member, Joel Wilhite, KD6W (Technical Coordinator), Rick Melrose, K6RDM (Chaplain). A quorum was present.

NOTE: the next board meeting will also be held at Marty's house.

President's Report: Kristen, K6WX, commented about how fun the PAARApink was. Everyone who attended had a great time putting holes in paper targets and having the opportunity to fire a few different guns as well as socialize. The weather cooperated only adding a little moisture to the wonderful BBQ Marty put together. There is interest in holding a second PAARApink in about 6 months. "Its activities like this that make PAARA a 'different' club than others", said Kristen.

Kristen indicated her reserve of stories is doing OK but as always on the lookout for more stories. If you have committed to a story but not submitted it (there are several people out there fitting this category) please put pen to paper or fingers on the keyboard and let your creative juices flow! Do you have any projects, Field Day experiences, technical articles, hints n kinks, DX contacts, or experiences setting up your station or antenna, on the air experiences that might be of interest? If you have or have not previously drafted that story, now is the time to get a by line of your own in PAARAgaphs and get that story submitted to Kristen for publication. "Remember it is 'home grown' stories that make PAARAgaphs great", she said.

Vice President's Report: Marty, W6NEV, announced that John Miller, K6MM, will be the April speaker. He will be giving us a talk on the K5P DXpedition.

Marty reminded the board that the next field trip is to the USS Hornet on April 30th at 11AM. Anyone interested in attending this docent lead tour of the ship and having lunch in the officers' mess, is encouraged to visit the PAARA web site before Friday, April 15th and sign up. The link is: paara.org/pages/event-usshornet.html.

Secretary's report: Jim, K6SV, commented that currently there are 190 PAARA members. However there are 39 members who have not renewed for 2016 and will be dropped from the membership in April, thus the more realistic membership total is closer to 151. There will be an extra "reminder" sticker on your copy of PAARAgaphs if you're a member of the "I haven't renewed" group. Remember that PayPal is "open" 24/7/365 so you don't have to wait until the next meeting to renew your membership. There was 1 rejoining member in March.

An email was sent to all club members who have email address in the club roster regarding the Hornet field trip. Some of the addresses are no longer valid thus bounced back. If you didn't receive an email and want to receive future emails from the club, please use the roster update feature in the "members only" area of the PAARA web site, or send an email to paarapay@gmail.com or see me at the next meeting.

Treasurer's Report: Ron, W6AZ, advised the board that the finances are in fine shape. Though there aren't any proceeds from the Flea Market yet, there have been enough other sources of income to balance out the books. He reported that Gary, N6NV, brought some more radios to the last meeting from the Club's huge collection, which takes up most of Gary's basement. Though no radios were sold this month there was interest in a couple. A discussion ensued about how to best reduce the inventory of radios in Gerry's custody. It was unanimously agreed that we'll add a small column to PAARAgaphs to advertise a few radios to increase the exposure. If there still is limited to no interest, there was a discussion on finding a mem-

(Minutes — Continued from page 3)

ber to start listing them elsewhere.

Under Old Business, Marty, W6NEV, mentioned the special order 2016 Field Day shirt is still available for PRE-ORDER ONLY in sizes medium through 3XL. You can order either through the PAARA web site using PayPal or directly from Marty. Remember that this shirt must be pre-ordered in order to receive one. The last day to order is May 13, 2016. Here is the link to order: paara.org/pages/fieldday.html

Jim, K6SV, and Joel KD6W, reported on the most recent work party(s) at the repeater site. The installation of the outside skin of the shack is complete and mostly painted. The next step on the shack is to work on the feed lines and finish painting the shack. Joel made progress on finishing up the equipment racks and getting the repeaters configured. He also reported that the NorCal DMR network is moving from the C-Bridge talkgroup server to the newer and more robust Brandmeister talkgroup server. The change brings additional features to DMR's capabilities like texting.

Under new business, field day was brought up by Marty, W6NEV, regarding the "club's" laptops or lack thereof. The board discussed various options and agreed to investigate the options available. Rebar was "nominated" to look into what choices may be available that would work.

Ron, W6AZ, mentioned a ham who was a past member in good standing of the club that is in need of a wire antenna. The board voted to procure an antenna and ship it to their residence.

The Board meeting was adjourned at 9:19 PM.

Jim Thielemann
 Secretary/membership
 K6SV

Please welcome to PAARA:

Returning member: Stephen Hill, KG6EVZ.

April Raffle Prizes

1st Kenwood TM281A / 2m Mobile Transceiver

- High Power 65W Output
- Large Front Speaker
- Vivid Amber LCD Display with 32-step brightness control
- 200 Memory Channels, plus one call channel

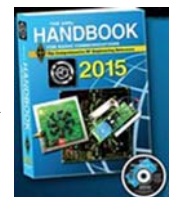


2nd Battery Tender Junior Charger

- Complete 4-step charging program (Initialization, Bulk Charge, Absorption Mode, Float Mode).
- Automatically switches to float / maintenance voltage after fully charging the battery.
- Solid state two color LED indicates stage of charger.
- Reverse polarity protected.



3rd ARRL 2015 Handbook



4th MFJ Dual Clock



5th MFJ 335 BS Mag Mount



6th ARRL Pocket Repeater Directory

7th Bongo Ties



3/4/16 Raffle Prize Winners

Left to Right

- 3rd Prize Wilko Wilkening / AG6DK / Daiwa CS-201a / Two Position Coax Switch
- 5th Prize Wilko Wilkening / AG6DK / MFJ Dual Clock
- 7th Prize Kristen McIntyre / K6WX / Bongo Ties
- 1st Prize Rob Riley / KI6INR / Kenwood TM-281A / 2m Mobile Transceiver
- 2nd Prize Leigh Klotz / WA5ZNU / Arrow 2m Yagi Antenna

Not Pictured

- 4th Prize Steve Sharpe / WB6KIO / Two FRS Radios
- 6th Prize Ameer Ghoddousi / KK6TMW / Insulators

(President — Continued from page 1)

ation, particularly at lower HF frequencies. In addition, if the D layer is not well charged, it recombines quickly because of the relatively high molecular density of the atmosphere (the D layer is closest to Earth's surface). The result of these effects is that, particularly near sunset, the F layers are still well charged while the D layer is rapidly dissipating. The conditions created by this situation allow for good ionospheric refraction (bending of HF electromagnetic energy) with minimal attenuation. This is why we see enhanced propagation around the vernal and the autumnal equinoxes. It is also why the two major contest seasons are centered on these periods. Whether you're into contesting, DX-ing, or just rag chewing, it's a great time to check out what's going on below 30 MHz.

I'm recently back from the Palm Springs Hamfest. I'm a little vague on how the invite to



*Palm Springs Hamfest Agenda on the other side of a window
 2nd item on agenda:
 10:30 Krysten McInttre K6WX
 The Mighty Transistor*

speak there came, but one of my fellow IOOK VPs is also a member of the Dessert RATS (the sponsoring organization) and we were able to meet there with several other IOOKers to 'assimilate' a new VP. I had a great time giving the talk and chatting with people. [Ed. Note — Kristen's name is indeed misspelled on the agenda above...] While I was there I was invited to speak in Las Vegas (a.k.a. Lost Wages) at the end of April. So, another road trip is on the calendar. On the return trip from Palm Springs, I paid a visit to my oldest friend on the planet,

George Whittinghill, KF6UBV. He is a real rocket scientist, and has a company in Camarillo, CA called Whittinghill Aerospace that he runs with the help of his son Ian, KF6ITX, and daughter Catherine. They build and test rockets for commercial space, and by an accident of timing were going to test-fire a 60,000 lb thrust hybrid rocket motor in Mojave the Monday after I arrived. With little hesitation I extended my trip by a day so that I could see it. What an incredible thing it was, even from half a mile away! I was able to climb up on the test stand and look into the nozzle both before and after the firing, and got a complete tour and explanation of all of the rocket motor and test systems. I also got to spend quite a bit of time with Mir, Shuttle, and ISS astronaut Mike Foale, who was part of the team. We had a great time discussing some fun technical topics, continuing on in e-mail after the trip. It was an unforgettable experience.

For those of you who made it to the 10th Street Range for the PAARApLink, thank you for coming and I hope you enjoyed it as much as I did. I think we had about 18 people attend. There was some concern that the lunch BBQ might have to contend with a downpour, but all we got was a few sprinkles. We got in some serious hot-lead therapy, shredding a whole stack of paper and some big pieces of cardboard too. There were a nice collection of handguns (both semi-auto and wheel guns), small caliber rifles, and shotguns. There were experienced shooters, and some who had not shot in years. We tried our best to accommodate everyone, even if they didn't bring a firearm. I think it was a real hoot, and I asked our sponsor, Carla, WA6UBE, if we could do it again. She is checking with the board of the Santa Clara Valley Rifle Club to see if a September date might be available. Keep your calendar open.

That's it for me for this month. Don't forget the USS Hornet tour coming up on the 30th of April, and the PAARA meeting on April 1st. CU AT THE NEXT PAARA EVENT DE K6WX

Kristen (K6WX)

Palo Alto Amateur Radio Association, Inc.

PO Box 911 Menlo Park, CA 94026

Officers

President	Kristen McIntyre, K6WX	510-703-4942
	kristen@alum.mit.edu	
Vice President.....	Marty Wayne, W6NEV	408-246-7531
	mcwayne2@comcast.net	
Secretary.....	Jim Thielemann, K6SV	408-839-6815
	thielem@pacbell.net	
Treasurer	Ron Chester, W6AZ	408-243 2221
	ron@taxhelp.com	

Directors

Director ('15-'16)	Byron Beck N6UOB	408-369-1913
	N6uob@arrl.net	
Director ('16-'17)	Rob Riley, K16INR	650 799-1607 (c)
	ki6inr@arrl.net	
Director ('16)	Larry Rebarchik N6DB	650 465-8210 (c)
	n6db@arrl.net	
Director ('16)	Darryl Presley, K16LDM	650 255-2454
	ki6ldm@arrl.net	

Appointed Positions

Membership	Vic Black, AB6SO	650-366 0636
	ab6so@smrn.com	
Database.....	Jim Thielemann, K6SV	408-839-6815
	thielem@pacbell.net	
Chaplain.....	Rick Melrose K6RDM	408-341-9070
	K6RDM@yahoo.com	
Public Affairs	<i>Position Vacant</i>	
Station Trustee W6OTX, K6YQT, W6ARA.....	Gerry Tucker, N6NV	
Station Trustee K6OTA.....	Ron Chester, W6AZ	
Property Manager	Gerry Tucker, N6NV	
Fund Raising Coordinator.....	Bob Korte, KD6KYT	408 396 4745
	bob@rgktechsales.com	
Badge Coordinator.....	Doug Teter, KG6LWE	650-367-6200
	dteter@wcwi.com	
Historian Position	<i>Position Vacant</i>	
Raffle Coordinator.....	Jim Rice, K6AK	650-851-2274
Ticket Master	Marty Wayne, W6NEV	408-246-7531
Field Day Coordinator.....	Doug Teter, KG6LWE	650-367-6200
ASVARO Rep	Rolf Klibo, N6NFI	650-856-2748
	n6nfi@arrl.net	
Webmaster.....	John Miller K6MM	
	webaron@gmail.com	
Technical Coordinator.....	Joel Wilhite, KD6W	408-839-5948
	kd6w@arrl.net	
QSL Manager.....	Rob Riley, K16INR	650 799-1607 (c)
	ki6inr@arrl.net	
Speaker Coordinator.....	Marty Wayne, W6NEV	408-246-7531

PAARAgaphs Staff

Editorial Board		
	Bob Van Tuyl K6RWY	Kristen McIntyre K6WX
	Ron Chester W6AZ	Vic Black AB6SO
	Joel Wilhite, KD6W	
Editor.....	Bob Van Tuyl, K6RWY	408 799-6463
	rrvt@swde.com	
Back Up Editor.....	Jim Thielemann, K6SV	408-839-6815
	thielem@pacbell.net	
Advertising	Ron Chester, W6AZ	408-243-2221
	ron@taxhelp.com	
Member Profiles.....	Diana Lloyd, KK6YGM	650-988-8882
	dianalloyd76@gmail.com	
Technical Tips.....	Vic Black, AB6SO	650-366 0636
	ab6so@smrn.com	
Photographer	Bill Young, K6VWO	
	jsinger@sbcglobal.net	

VE Exams

Redwood City Main Library, Community Conference Room, 4th Saturday 10:30 am each month and De Anza Park, Sunnyvale, 2nd Saturday 10:30 am each month except November and December. See website for details and exceptions: <http://amateur-radio.org> or Contact 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/>

PAARA — Palo Alto Amateur Radio Association

Meets 1st Friday 7:00pm each month at Room H-6, Cubberley Community 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 3rd Thursday 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

50 MHz & Up Group

Meets 1st Thursday each month at 7pm in the Texas Instruments Building E conference room in Santa Clara.
 Contact: <http://50MhzandUp.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, Belmont EOC, Belmont City Hall, One Twin Pines Lane, Belmont CA 94002. 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: 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
 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
shensley@Novell.com

(Please send changes to PAARAgaphs editor)



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

www.jameco.com

Your grandfather told your father and your father told you. If he had invested his money in real estate he would be a rich man today — what will you tell your children?

Whether to invest or reap the rewards of having invested in Real Estate, Call **KARL DRESDEN**, KJ6GUK, full time Realtor since 1976 — BRE#00525686

Terrace Associates, Inc., 777 Woodside Rd., Suite B, Redwood City, CA 94061; Office Ph: 650-369-7331,
 Fax Ph: 650-369-7339,
KARL Cell Ph: 650-274-8155 General License KJ6GUK
Email: KARLDRESDEN@juno.com


Badges are ready for pickup.

If you would like to order a badge, see **Doug Teter, KG6LWE.**

PAARA Weekly Radio Net
 Info and Swap Session every Monday evening at 8:30pm on the N6NFI 145.230 MHz repeater

<u>Week</u>	<u>Control Operator</u>
1 st	Joel KD6W
2 nd	Doug - KG6LWE
3 rd	Jack - N1VSL
4 th	Marty - W6NEV
5 th	Rob KC6TYD

If you're interested in trying out at Net Control, Contact Doug, KG6LWE. It's good practice, and lots o' fun! Give it a try.



Cubberley Community Center
 4000 Middlefield Road, Palo Alto, CA 94303
 650/329.2418
 650/856.8756 fax
www.cityofpaloalto.org

Legend
 Disabled Parking
 Public Pay Telephone

Meeting Location — Middlefield Road between San Antonio and Charleston in Palo Alto. 4000 Middlefield Road

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

Vladimir Vladimirovich
 SHKURKIN
 Editing and Translation Services
 English-Russian-English
shkurkin@ix.netcom.com

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 Room H-6, Cubberley Community Center.

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 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.

<p>RADIO IN THE PARK</p> <p>9:30am - 12:30pm Check Back In the Spring</p> <p>QTH: Agnews Historic Park 4030 Lafayette St. Santa Clara, CA 95050</p> <p>N 37° 23.549 W 121° 57.297</p>	<p>Ilse Beck, E. A. , KI6IBM</p> <p>Beck Business Services</p> <p>441 N. Central Avenue, #9 Campbell, CA 95008</p> <p>Enrolled Agent Income Tax Bookkeeping/Payroll Elder Care Consultations Billing and A/R</p> <p>Phone/FAX: 408-267-8234 Email: ilsebeck@jps.net</p>
--	--


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

Tax Preparation & QuickBooks Consulting - Ham discount



Photo For Any Occasion
WBY Photography
 Jack Of All Trades, Master Of Some.
Bill Young
 408-245-1161 or
 408-475-6191
 I come to you photographer.
 wbyphotography@me.com
 www.photoforanyoccasion.net

This space is available



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")

Silicone
RESCUE TAPE

**NO ADHESIVE!
 NO STICKY
 RESIDUE!**

8,000 V 500° F
 ELEC. INSULATION HEAT RESISTANCE

The highest quality coax sealing tape on the market!

ENTER YOUR SPECIAL COUPON CODE TO GET THE PAARA DISCOUNT
 Order online at www.rescuetape.com - (702) 953-0968

Submit items to **PAARAgaphs** by the
3rd Wed to: rvt@swde.com
 Text: .doc, .rtf, or .txt
 Photos: jpg, png or tiff

Subscription Problems? Contact Database
 Manager: Jim Thielemann, K6SV,
 408-839-6815, thielem@pacbell.net

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.**

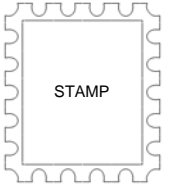
- Not-for-profit ads by association members for ham-related items and wants. No cost for business card-size ads (additional space at \$2.50 per business card size per issue).
- For Profit organizations and/or individuals: \$5-business card size, \$25-half page, \$50 full page or back cover per issue.

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 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 Ron Chester, W6AZ**

PAARAgaphs — April 2016

Accept no substitutes. Produced and printed in California USA



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

FIRST CLASS MAIL

AMHERST, CA
 (New England)
 551 N. Cedar St., #2001
 94003
(800) 554-6046
 Email: amr@amradio.com
www.amradio.com

BUBBANK, CA
 1556 W. Marshall Blvd., #1916
 (810) 942-7785
(877) 892-1748
 Email: bubbank@amradio.com
www.amradio.com

OAKLAND, CA
 1556 W. Marshall Blvd., #1916
 (810) 942-7785
(877) 892-1748
 Email: oakland@amradio.com
www.amradio.com

SAN DIEGO, CA
 3755 Kearny Vlk. Rd., #0123
 (619) 594-8900
(877) 892-1748
 Email: sandiego@amradio.com
www.amradio.com

SUNNYVALE, CA
 510 Lawrence Exp., #102, 94085
 (408) 736-9496
(877) 892-1749
 Email: sunnyvale@amradio.com
www.amradio.com

NEW CASTLE, DE
 (New Philadelphia)
 1200 2nd St., #1270
 (302) 762-2641
(800) 544-4475
 Email: ncastle@amradio.com
www.amradio.com

PORTLAND, OR
 11706 S. W. Pacific Hwy.
 97223
(503) 766-8555
(800) 766-8587
 Email: portland@amradio.com
www.amradio.com

DENVER, CO
 9400 E. Hamp Ave., #0221
 (303) 746-2713
(800) 444-5178
 Email: denver@amradio.com
www.amradio.com

PHOENIX, AZ
 10813 E. 43rd Ave., #0703
 (602) 242-2615
(800) 559-7838
 Email: phoenix@amradio.com
www.amradio.com

ATLANTA, GA
 2701 28th St., #2040
 (770) 785-0711
(800) 444-7927
 Email: atlanta@amradio.com
www.amradio.com

WOODBRIDGE, VA
 (New Market)
 14823 Woodbridge Dr., #2191
 (703) 721-2700
(800) 444-6739
 Email: woodbridge@amradio.com
www.amradio.com

SALEM, NH
 (New Bedford)
 222 N. Broadway, #0719
 (603) 886-2753
(800) 444-7927
 Email: salem@amradio.com
www.amradio.com

12 STORE BUYING POWER



TS-2000 HF/5MHz/10V
 • 100W HF, 60A SW, 80W/100W
 • 100W 1.2kHz linear FT200 module
 • 100W CW, 50W SSB, 50W/100W
 • 15 Amp DSP, 4-band filter
Call Now For Special Price!



TH-F5A
 • Dual Channel Receiver
 • Dual Channel, dual band for
 FM, AM, SSB
 • FT-200/200A/40 TX, RM
 • 433 Memory
 • Lithium Battery
Call For Low Price!



TM-D71A 2M/440 Dualband
 • 50W 2M & 440
 • Optical Voice synthesizer
 • 100W memory • Dual receiver
 • Independent VFOs
 • Independent PTT
 • Built-in TNC • SSB/Commercial II
 • GPS 100-Fm
 • Choice of speaker (CT) headpiece
Call Now For Special Introductory Price!

OAKLAND, CA
 2210 Livingston St., 94606
 (510) 534-5757
(877) 892-1745
 Mark, W/TYN, Mgr.
 1-880 at 23rd Ave. ramp
 oakland@hamradio.com

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

REMOTE RIG



The set of interfaces allows remote control of the rig through a computer in a user-friendly and cost-effective way!
RR-C-1258 Mini-Set
 Works with all Computer-controller radios from **Alnico**, **Beckel**, **ICOM**, **Kenwood**, **Yaesu**
For prices with detachable front panels call 877 892-1749
 TS-6905GAT, TS-5100, RC-2000 and 01-C-700PH4
 IC-706 series, IC-887, IC-2024H, IC-2450

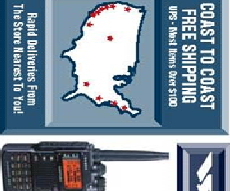
ALINCO



DL-67T 2m/440/2.7 Transceiver
 • 100W output two bands
 • DSP/SSB • 100W/100W
 • Inexpensive Lithium battery
 • 1000 Memories
Low Pricing!



DR-185TP 2M mobile
 • 50 Watt out • Alpha numeric display
 • 100 mem. • Built-in TNC 700 & 9630 band
 • 433 memories • 433 channels
 • ICSS/SSB/Commercial II
Low Pricing!



COAST TO COAST FREE SHIPPING
 UPS • Next Business Day SHIP
 Email: usa@amradio.com
www.amradio.com

YAESU
YS-800V X-80R
 50W 440/200/10V/50W
 200W or 400W class PA class
 80/100/150/200/300/400/500/600/700
 80/100/150/200/300/400/500/600/700
 • 433 memories
 • 433 channels
 • 433 memories
 • 433 channels
 • 433 memories
 • 433 channels
Call For Low Price!

FT-857D
 Use compact HF VHF UHF
 • 100W HF/150W 20W 20W UHF
 • 433 memories
 • 433 channels
 • 433 memories
 • 433 channels
Call For Low Price!

FT-2000 HF • 80/10V
 • 100W VHF dual band
 • High Power Output
 • 433 memories
 • 433 channels
 • 433 memories
 • 433 channels
Call Now For Low Pricing!