W6ARA

PAARA NEWSLETTER

K6OTA VOLUME 69, NUMBER 12, December 2018

RAgraphs

The Official Newsletter of the

Palo Alto Amateur Radio Association, Inc.

Celebrating 81 years as an active amateur radio club—Since 1937



December Speaker

Eric Swartz, WA6HHQ from Elecraft

Eric will be talking about what's new and maybe what's in the future at Elecraft. Likely he'll provide some additional insight to the KX-3 which is the 1st place raffle prize.

President's Corne

December 2018

Wow, we made it! It's the end of 2018 already. It's been quite a year for PAARA and for Amateur Radio. We have so much to look forward to in 2019, but let's take a look back at the year that was, at least from my perspective.



Reviewing what happened, the first event of the year was PAARA's annual Homebrew Night, where the amazing creativity of our membership is always on display. There were so many entries this year that I had to keep careful watch over the time. Batteries, antennas, radios, and even propagation data were on display. As usual, it was a feast for the eyes and for the soul.

Then there was the FARS Winter Banquet in late January, a time with our ham radio friends that is not to be missed. This was followed in March (I was away most of February) by the mostly-annual PAARAplink at the San Jose Municipal Firing Range. That's a chance to mix Part 97 with 2A and sharpen our shooting skills in a safe and supportive environment.

We found out about then that we had a new venue for the Electronics Flea Market. After a number of years of struggling with De Anza College's difficult conditions

Upcoming Events

Dec 7 Jan 4 Feb 1	PAARA General Meeting, 7:00 PM Cubberly Community Center, Room H-6, 4000 Middlefield Rd, Palo Alto
Dec 12 NEW Jan 16 Feb 20	Board Meeting, 7:00 PM Everyone welcome! Location: Marty, W6NEV, QTH

and high fees, we finally were in a position to keep the EFM viable into the future.

April brought better propagation and a trip to Visalia, for the International DX Convention. This convention has been going on for almost 70 years! It was a great chance to meet some serious DXers and to make new friends. I also got to see many of my friends from Southern California.

May was Dayton, and despite the rain and the mud, the new venue in Xenia worked out well in its second year. I met many friends from IOOK (this is where they originated), and was part of the Gathering Of The Faithful. The vendors were amazing, as was the size and scope of the event.

June was, of course, Field Day. Despite tough propagation, PAARA did well in the contest. Most importantly we did well as a club and we had a great and safe time. It was a unique FD for me because I had to "make the rounds" and see other sites in my new Vice Director role. It was another unforgettable FD.

July was the ARRL Board Meeting - my first. That was a real experience. I think I'm prepared for the next one in January?!?:). Seriously, though, I was honored to be amongst those who are leading our hobby into the future.

August was quiet, but September made up for it starting with the PAARA sponsored EFM. That was quite successful because of the new venue. The next day I

(President—Continued on page 8)

PAARA "Dream to Reality Raffle XV"

with over \$1,900 in prizes

FIRST PRIZE: Elecraft KX-3 160- 6m — \$1,500 + Value



Factory Assembled "Special Thanks to Elecraft"

Advanced DSP Dual Watch / Noise Reduction

Noise Blanking / Autonotch / Stereo Audio Effects

PSK31 / RTTY with or without a PC INCLUDES:

- 2M Module
- Internal 20-W Auto Tuner
- MH3 Hand Microphone
- SMA BNC Adapters
- SMA BNC Right Angle Adapters

You'll have to be at the meeting to learn what additional great prizes the raffle master Jim Rice, K6AK, comes loaded with!



PAARAyear 2018

Another GREAT PAARAyear has blasted past and into the history book. The following pages recap some of the highlights of the year. They are in no particular order.

Included throughout are a few random pictures of PAARA members "at work".



Kristen, K6WX ARRL Pacific Division Vice Director, receives a certificate from Jim Siemons, W6LK, ARRL East Bay Section Manager, in recognition of her serving as the Technical Coordinator for the East Bay.

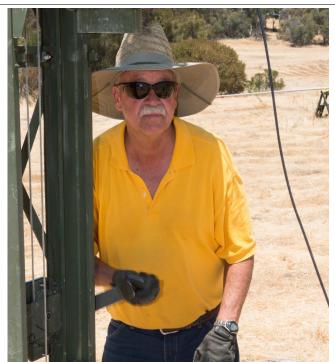
Below, PAARA supports PACIFI-CON hosting the W1AW/6 special event station.







Silicone ingot seen during the Intel Museum Field Trip





Lots of work and fun go into having yet another great Field Day as evident by the pictures on these pages.





Right, a fresh coat of paint and repair of the tower grounds readied the repeater shack for another winter.





Below, another packed meeting room for yet another great speaker.





The last field trip of the year was to the Red Oak Victory ship in Richmond.

Left, everyone climbs the gangplank for the tour.

Below, on the Bridge.

Bottom, the radio room.









Minutes of the November 17, 2018 Board Meeting

Through an email exchange, the board agreed to not hold the November board meeting due to it being scheduled the day before Thanksgiving and there were no "hot" topics on the agenda. Additionally, the board decided through the same email exchange, to move the December meeting date up one week to December 12th to give more time before the holidays and to meet the production schedule of PAARAgraphs due to the holiday closure of the printer.

Jim Thielemann K6SV Secretary/membership



November Raffle Winners

1st - Andy Korsak, KR6DD

2nd - Kristen McIntyre, K6WX

3rd - Bob Van Tuyl, K6RWY

4th - Jim Nomura, AI6VF

5th - Kristen McIntyre, K6WX

6th - Marty Wayne, W6NEV

7th - Mike Wimble, KM6WP

8th - Dave Pollack, KM6OKD



(President—Continued from page 1)

flew to ARRL HQ for my orientation, just a few months delayed. And then just a couple of weeks later was the Duke City Hamfest in Albuquerque. My son and I took another week to enjoy Santa Fe after that. It was enchanting. I think I flew to San Diego in there somewhere to give a talk, but I can't remember exactly when anymore.

October was Pacificon, and we all remember that. It is always the highlight of the year for me. This year I was a headless chicken, running from event to

event. And November was another trip to San Diego and our tour of the Red Oak Victory in Richmond. And here we are, on the threshold of the Dream to Reality Raffle. Unbelievable.

This doesn't count all of the nets, lunches, dinners, meetings, discussions, contests, DX contacts, and friends I enjoyed. I'd say it was quite a year. Do you agree? I hope your ham radio year was as much fun.

73 ES CU AT PAARA FOR DREAM TO REALITY DE K6WX

PAARA Board Elections at the December Meeting

The election slate is:

President, Kristen McIntyre: Vice President, Marty Wayne: Secretary, Jim Thielemann: Treasure, Ron Chester: Director (2-year), Joel Wilhite: Director (1-year), Larry Rebarchik: Director (1-year) Darryl Presley

Palo Alto Amateur Radio Association, Inc. PO Box 911 Menlo Park, CA 94026 **Officers** PresidentKristen McIntyre, K6wx 510-703-4942 kristen@alum.mit.edu Vice PresidentMarty Wayne, w6nev 408-234-8023 w6nev@arrl.net Secretary......Jim Thielemann, k6sv 408-839-6815 thielem@pacbell.net Treasurer.....Ron Chester, w6AZ 408-243 2221 ron@taxhelp.com **Directors** Director ('17-'18).....Joel Wilhite. KD6w 408-839-5948 kd6w@arrl.net Director ('18-'19).....Walt Gyger, K6WGY 408-921-5901 walt@tradewindsaviation.com Director ('18)Larry Rebarchik N6DB 650 465-8210 n6db@arrl.net Director ('18)Darryl Presley, Kı6LDM 650 255-2454 ki6ldm@arrl.net **Appointed Positions** MembershipVic Black, AB6so 650-366 0636 ab6so@smrn.com Database.....Jim Thielemann, κ6sν 408-839-6815 thielem@pacbell.net Chaplain.....Rick Melrose k6rdm 408-341-9070 K6RDM@yahoo.com Public AffairsPosition Vacant Station Trustee w6otx, K6yQt, w6ARA....Gerry Tucker, N6NV Station Trustee K60TA...Ron Chester, W6AZ Property Manager.......Gerry Tucker, N6NV Asst. to the Treasurer....Bob Korte, KD6KYT 408 396 4745 bob@rgktechsales.com Badge Coordinator Doug Teter, KG6LWE 650-367-6200 dteter@wcwi.com Historian PositionPosition Vacant Raffle CoordinatorJim Rice, κ6Ακ 650-851-2274 Field Day Coordinator ... Doug Teter, KG6LWE 650-367-6200 ASVARO Rep......Clark Martin, KK6ISP kk6isp@comcast.net Webmaster.....John Miller к6мм webaron@gmail.com Technical Coordinator ... Joel Wilhite. KD6w 408-839-5948 kd6w@arrl.net QSL Manager......Marty Wayne, w6NEV 408-234-8023 Speaker Coordinator Marty Wayne, w6NEV 408-234-8023 PAARAgraphs Staff **Editorial Board** Bob Van Tuyl κ6RWY Kristen McIntvre ĸ6wx Ron Chester w6AZ Vic Black AB6so Joel Wilhite, KD6W Editor.....Bob Van Tuyl, κ6κωγ 408 799-6463 rrvt@swde.com Back Up EditorJim Thielemann, k6sv 408-839-6815 thielem@pacbell.net AdvertisingWalt Gyger, K6WGY 408-921-5901 walt@tradewindsaviation.com Member Profiles Diana Lloyd, кк6үсм 650-988-8882 dianalloyd76@gmail.com Technical TipsVic Black, AB6so 650-366 0636

ab6so@smrn.com

PhotographerPosition Vacant

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-September, 6am–12 noon

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

Santa Clara County Amateur Radio Association

Operates W6UU & W6UU/R, repeater 146.985-pl Nets: 2m, 7:30pm Mon; 70cm, 10M (28.385) 8PM Thur. Meets 2nd Mon each month @ 7:30 PM. 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.

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,

\text{VOFITY SIX-meter repeater on 52.56mHz. Normally, six-meters is linked with 147 ar while 441 and 1286 repeaters are linked. \text{VHF: } 52.58 (-500) 151.4 ctcss \text{UHF: } 147.39 (+600) 151.4 ctcss \text{UHF: } 441.35 (+5.0) 88.5 ctcss 223.96 (+1.6) 156.7 ctcss \text{1286.20 (-12m) } 100.0 ctcss \text{Meetings are 2nd Wednesday of every month except July, August and December. Contact: \text{http://wara.org}, Bill Ashby N6FFC, 408-267-3118, \text{president@wvara.org}

American Red Cross. Santa Clara Valley Chapter

Contact: http://santaclaravalley.redcross.org or Scott Hensley KB6UOO, (408) 967 7924 fshenslev@Novell.com

(Please send changes to PAARAgraphs editor)



PAARA Weekly Radio Net

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

<u>Week</u>	Control Operator
1 st	Joel KD6W
2 nd	Doug - KG6LWE
ord	In al. 14/41/CI

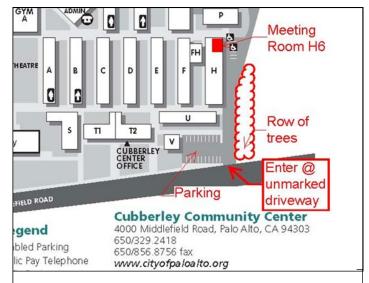
3rd Jack - W1VSL 4th Rob - KC6TYD

5th 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.



Monday-Friday: 8 AM - 7 PM; Saturday-Sunday: 8 AM - 6 PM



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

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

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 \$25.00 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.

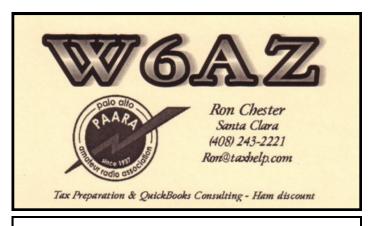
П

ARV'S, WA6UUT (SK) WEDNESDAY **HAM RADIO LUNCHEON** Our 11th year! - Since May 2, 2007 -**BLACK BEAR DINER** Sunnyvale, California 415 East El Camino Real (Just "North" of South Fair Oaks Avenue on El Camino Real)

11:30 AM ~ 3:00 PM Website:www.blackbeardiner.com

Many food choices available from the breakfast, lunch or dinner menus. Ample parking is available. Walk in & "bear" left for our location in the restaurant!

NOT A CLUB, CLOSED GROUP OR CLIQUE; AMA-TEUR RADIO OPERATORS AND FRIENDLY PEOPLE ARE **ENCOURAGED TO ATTEND!** Call in on the N6NFI Repeater, 145.230 MHz, PL® 100Hz This space is available.



PAARA Badges

You can order a \$20 badge from the PAARA web site or at a meeting through Doug KG6LWE, and usually pick it up at the next meeting.

PAARA W6OTX DMR Repeater Frequencies

144 – 144.9625 up 2.5 MHz	DMR—NOR CAL Brandmeister
440 – 444.475 up 5 MHz	DMR
1.2G – 1284.15 down 12MHz	Off line
1.2G – 1249.15 half duplex	Off line



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

PowerFlare

PowerFlare® safety lights: Ultra-rugged 360 degree LED beacon for your emergency kit, car, home ... Order on eBay (search for "PowerFlare") or email sales@powerflare.com

Submit items to **PAARA***graphs* by the 3rd Wed to: rrvt@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

PAARAgraphs Ad Rates

П

Π

П

PAARAgraphs 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 ade 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).

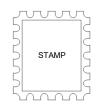
2. For Profit organizations and/or individuals: \$5-business card size, \$14.00-quarter page, \$25-half page, \$50 full page or back cover per issue.

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 irrangements 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 Walt Gyger, K6WGY.

PAARAgraphs — December 2018

Accept no substitutes. Produced and printed in California USA



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

FIRST CLASS MAIL







FTM-400XD 2M/440 Mobile





TM-V71A 2M/440 DualBand

FT-450D A100W HF + 6M Transceive

FTDX1200 100W HF + 6M Transceiv







ICOM:











FT-991A
HF/VHF/UHF Transceiver

