

PAARAgraphs



The Official Newsletter of the

Palo Alto Amateur Radio Association, Inc.Celebrating 82 years as an *active* amateur radio club—*Since 1937*

Hazards, Risks, & Emergency Operations in the Palo Alto Area

Chief Kenneth Dueker, J.D.

OES Chief Kenneth Dueker, J.D., is the Director of Emergency Services for the City of Palo Alto and has held that position since 2011.

Chief Dueker joined the Palo Alto Police Department in the 1990s as a Reserve Officer and, later, worked full-time. He served in the Field Services Division (Patrol) as well as the Investigative Services Division (Detectives) in general law enforcement as well as special projects, later, reporting directly to the City Manager and to the Police Chief.

Chief Dueker previously was a corporate emergency planner for the Atlantic Richfield Company (ARCO) where he developed life safety and disaster recovery contingency plans for the protection of company personnel and facilities. These plans and programs were tested and validated during the Northridge Earthquake of 1994.

Chief Dueker is also the founder of PowerFlare Corporation, a maker of environmentally friendly, rugged LED lighting and signal products for public safety and rescue.

Chief Dueker completed graduate school at Harvard University where he earned a doctorate in law (J.D.) from Harvard Law School. He holds an undergraduate degree, cum laude, from Pomona College (Claremont Colleges). He is also a member of Phi Beta Kappa.

Meeting is on July 12th

Upcoming Events

July 12 Aug 2 Sept 6	PAARA General Meeting, 7:00 PM Cubberly Community Center, Room H-6, 4000 Middlefield Rd, Palo Alto
July 17 Aug 21 Sept 18	July Board Mtg Cancelled. Board Meeting, 7:00 PM Everyone welcome! Location: Marty, W6NEV, QTH



President's Corner

July 2019

Field Day 2019 is a wrap! We all had an amazing time. And that means "official" summer is upon us, bringing with it summer propagation.



As I write this, Field Day has just concluded. I'm a bit of a zombie as I recover from my all nighter on Saturday, but we have to get PAARAgaphs out as soon as we can to accommodate everyone's schedule. I hope that you all had a chance to stop by PAARA's Field Day site. We have our own special take on this operating event. You might sum it up as, go big or go home! While we are proud to represent Amateur Radio to the community, we also like to have radio fun. That means big antennas. Doug, KG6LWE, and the crew put together our spectacular array of yagis that give us maximum radio fun. I personally experienced that on both 15m and 40m, where I could work any station I wanted to, mostly on the first call. I could also run stations without a

(President — Continued on page 4)

A New Idea For A Mic Clip...Or “Click”

Rob Fenn, KC6TYD

Last fall it was time to purchase a new truck which meant I had to transfer all my ham gear from my old truck to the new one. In my previous truck I used a mic clip that attached to the louvers of one the AC vents. This was very convenient and quick to install. The only down side was that a small portion of the mic obstructed the air flow and the louvers lose some range of adjustment. When deciding if I wanted to try a different approach I recalled seeing an ad that used magnets to attach the mic to the dash rather than a clip. I was intrigued and looked into it but soon found that the price for the kit was a bit too much for just a couple magnets.

Well, time for some DIY.

I purchased few small button magnets from Michaels and some Scotch 3M 20 pound mounting tape. Installation only took about 10 minutes. I took one of the magnets and attached it to existing mic clip on the back of the mic with some hot glue. Not wanting to damage the dash caused by the heat from the hot glue I used the mounting tape.



Fig. 1 Hot Glued Magnet on Mic



Fig. 2 Second Magnet Taped to dash/

I simply cut off about a inch and applied it to the other magnet. I then trimmed off the excess and stuck it onto the dash. I held the magnet against the dash for about 30 seconds to insure a good bond. Just to be on the safe side I then left it alone for about 12 hours. Now keep in mind, when attaching the magnets to the mic and dash be sure to orientate the magnets so that they attract to each other rather than repel each other.

Well, when the time came to give it a try it

worked out perfectly. In fact it's actually a little easier than using a traditional mic clip because there is no slot to slide the mic into. You only have to be about an inch away and “click” your

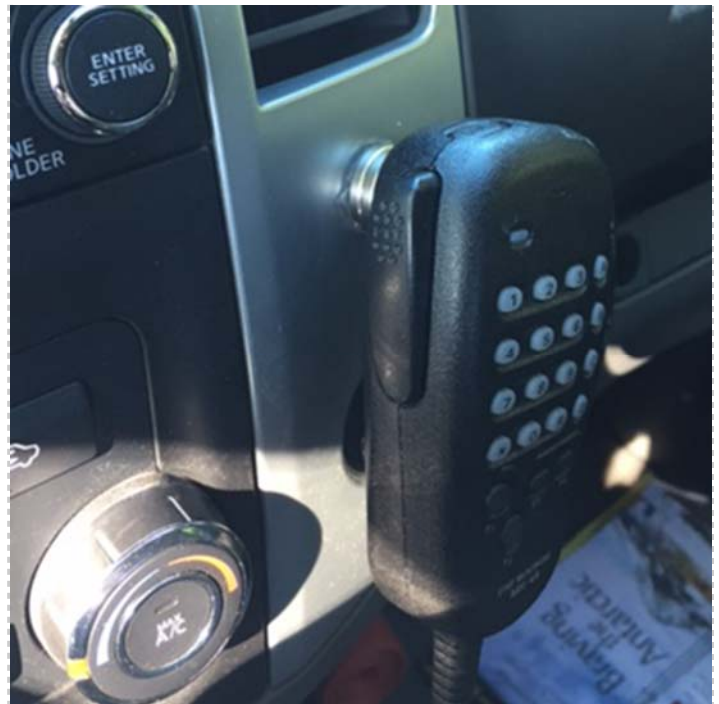


Fig. 3 “Click” and the Mic is attached to the Dash

mic is stowed! When removing the mic I slid the mic off the magnet rather than pull it straight off. No reason other than maybe reducing a pulling force on the tape and thereby reducing the possibility of pulling the taped off the dash. That would all depend on how strong the magnets you end up using are.

SS Jeremiah O'Brien Tour September 21, 10:00 AM

- Join us on a tour of the SS Jeremiah O'Brien, a WWII Liberty Ship. The cost is \$33 per person and includes a docent guided tour of the ship and a box lunch provided by Boudin's Bakery.
- Estimated tour time is about 3 Hours. If you choose, you may also, on your own, tour the SS Pampanito, a WWII Submarine docked just forward of the SS Jeremiah O'Brien.

Tour Details

- Where: Pier 45, Fisherman's Wharf, San Francisco

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- When: September 21, 2019, 10:00 AM
- Cost: \$33,(includes ship tour and a box lunch)

Last day to sign up is Friday, September 13, 2019.

To sign up for the tour, go to the PAARA website, www.paara.org and click on the link to the tour. Please include your Name, Call Sign, and Lunch selection. Please make a separate order for each person attending.

You may use credit card or PayPal on the PAARA website. You may also use cash or check if paying me directly.

Parking can be an issue. A few parking suggestions will be posted nearer the tour date. Consider carpooling or using public transportation.

Box lunch choices are:

- Tuna Salad (on sliced sourdough)
- Chicken Salad (on sliced sourdough)
- Turkey & Havarti Cheese (on sourdough roll)
- Bavarian Ham & Swiss (on rustic Ciabatta)
- California Veggie (on sliced sourdough)

All lunches include one (1) Sandwich, one (1) bag of chips, one (1) bottle of water, and one (1) cookie.

If you have questions, contact me at mcwayne2@comcast.net or 408-234-8023.

A little SS Jeremiah O'Brien history

In June 1943 the Liberty Ship SS Jeremiah O'Brien slid down the ways at the New England Shipbuilding Corporation in South Portland, Maine. Shortly thereafter she entered service, operated by Grace Line for the War Shipping Administration. Named for the first American to capture a British naval vessel during the Revolutionary War, the O'Brien made seven World War II voyages, ranging from England and Northern Ireland to South America, to India, to Australia. She also made eleven crossings of the English Channel carrying personnel and supplies to the Normandy beaches in support of the D-Day invasion. After the war, she was "mothballed" and laid up in the Reserve Fleet at Suisun Bay, north of San Francisco.

Silicon Valley Safety and Preparedness Fair

Resolve to Be Ready!

The City of Palo Alto invites you to attend this free, family-friendly event to learn about "all hazards" that could affect our region, including natural disasters, crime, etc. View exhibits and engage in activities about safety, emergency preparedness and response in Silicon Valley.

WHAT:

Silicon Valley Safety and Preparedness Fair

WHEN:

Saturday, July 27 12:00pm to 4:00pm

WHERE:

Stanford Shopping Center at the El Camino and Sand Hill Rd. parking lot.

Address:

180 El Camino Real
Palo Alto, CA 94304

[Google Map](#)

WHY COME?

- Talk to experts in the public safety field to better prepare for the range of hazards that exist in the Silicon Valley.
- View exhibits and engage in activities about emergency preparedness.
- Receive free handouts and coupons from participating vendors.
- Get great ideas of how you can Resolve to Be Ready!

Questions?

Email us at oes@cityofpaloalto.org.

Learn more about safety and preparedness from the Palo Alto Office of Emergency Services.

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problem. This year we had very few technology and mechanical failures. The painful one for me was that my computer would not talk to my rig properly, so we ended up having to set the bands manually in WriteLog. We will have to do a postmortem to understand what went wrong. A big congratulations to Doug, Marty, and the rest of the FD Team for another heroic effort putting this together.

The other side of Field Day, though, is the people. It was so great to see both members and guests having a great time. Whether it was talking around the food table, watching the GO-TA station, or just chitchatting here and there, everyone was smiling and enjoying the day filled with ham radio fun. I heard that we had lines of people waiting to get a crack at the GO-TA station. We also had a visit by the Redwood City mayor and Ken Dueker with the Palo Alto Emergency comm vehicle. The last time I saw the visitor log on Saturday night, we had almost 170 entries. Karen, KK6NGA, and Bob, KD6KYT, did a spectacular job of getting everyone signed in. I'm not sure what the final count was, but I'm sure it was more than that. I heard there was also a transmitter hunt for all of the young people that were with us. I was touring other sites during the day, and when I returned, I saw kids running and bicycling everywhere. It was wonderful and it gave me hope for the future of the hobby. I hope we can all cherish and mentor these kids so that they stay motivated and captivated by the magic.

Speaking of my little tour, I went to a number of other Field Days: W6YX, CARES, FARS, WVARA, SCCARA, and SBARA. And of course PAARA. The Field Day spirit was everywhere, from the Red Cross EOC operated by SCCARA, to the preparedness event supported by CARES, to the amazing QRP setup at WVARA, and the amazing antennas at W6YX. Each group was a shining example of what our hobby has to give back to our communities and how we will work when all else fails. I have pictures available from PAARA and my other visits. You can view them at <https://k6wx.smugmug.com/Events/Field-Day-2019/>.

Right at the start of Field Day we passed the summer solstice. Now the days are getting shorter again. While we still have some summer E-skip to look forward to, the shorter days will make the HF bands a bit more usable at midday. We get a break from contesting now because of that summer propagation. It will resume as we approach fall and night and day begin to equalize again. But we do have one fun contest left. By the time you get this, you should still have time for the RAC Canada Day contest on July 1.

Don't forget that the PAARA meeting has been moved to accommodate the July 4th Independence Day holiday. We will be meeting on July 12 instead. Don't miss it! CU AT PAARA AFTER FD DE K6WX

June 12, 2019, Board Meeting Minutes

The meeting was held at Marty's QTH, commencing at 7:20 PM on June 12, 2019. In attendance were Kristen McIntyre, K6WX (Pres), Marty Wayne, W6NEV (VP), Jim Thielemann, K6SV (Secretary/Membership), Larry Rebarchik, N6DB (Dir), Walter Gyger K6WGY(Dir), Joel Wilhite, KD6W (Dir & Technical Coordinator), and non-board member Clark Martin, KK6ISP, (ASVARO Representative). A quorum was present.

Kristen, (K6WX), opened with a discussion on threats to ham radio, more specifically band allocations. Of immediate concern is a proposal by France to re-allocate the 144-146 MHz band primary user to Aeronautical Mobile service. Though not quite sure what Aeronautical Mobile service is, the fact that they want to take over primary use of this band means ham use of 2M will be of a secondary nature which endangers our use of the band at all. She also noted that it already is an agenda item on the upcoming WRC 23 meeting <https://www.iaru-r1.org/index.php/88-news/1864-wrc-23-agenda-items>.

A bit more info can be found here: <https://www.f4fxl.org/2m-amateur-radio-band-endangered/>. Other areas of the spectrum are also at risk of being re-allocated. Most notably in the 1.2 GHz, 10 GHz, and 24 GHz bands. Actively expressing your concern regarding the re-

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allocation of our bands to influential groups is important as the risk losing primary use of our highly sought-after allocations we currently enjoy is real and ongoing.

Vice President's Report: Marty, W6NEV, indicated that Kevin Rowett, K6TD, will speak at the July meeting on the NCDXF Beacon System. Marty also reported having speakers for the remainder of 2019 and has started filling 2020 speaker slots. Reach out to Marty if you have any suggestions for someone who can provide an interesting presentation at an upcoming meeting.

Secretary's report: Jim, K6SV, reported that the membership now stands at 182. The membership is still split 50/50 between Tech/General and Amateur Extra.

Under Old Business,

Marty, W6NEV, reminded us that the next field trip will be to the SS Jeremiah O'Brien Liberty Ship on September 21st. Participants will provide their own transportation to Pier 45 in SF, carpooling is encouraged. The tour will start at 10 AM with lunch provided on the ship by Boudin Bakery. Look for pricing to be announced shortly as he's still working on the logistics. As the USS Pampanito is at the same pier as the Jeremiah O'Brien, those interested can also tour the sub for an entrance fee of \$10 for Youth 5~13, \$20 for Adult 14~61 or \$15 for seniors 62+.

Marty, W6NEV, showed the board the plaque from the artwork he showed us last month. Stay tuned for its unveiling later this year.

The board had a short discussion regarding finding a new Raffle coordinator. No one has stepped up yet. Please let a board member know if you have any questions about the volunteer opportunity or wish to take this important position on.

The board had a general discussion on the status of Field Day preparations. Marty, W6NEV, showed the board a couple of new banners he had made to help direct people into the site. The only remaining item was network day which was scheduled for 6/14 in the late afternoon. Other-

wise, we're about as ready as we can be for the big event. By the time you read this, FD will be a memory.

The other items on the agenda that haven't been worked on very much or weren't as critical will be topics for next month

Under New Business:

Doug, KG6LWE, asked the board via email, for funds to have the FD fire extinguishers certification updated as they are quite a few years out of date. The board voted approval of ~\$75 to have the extinguishers serviced.

Kristen, K6WX, asked for feedback on the June 8th Electronics Flea Market (EFM) at Fry's in Sunnyvale. She thanked all those who volunteered to make the event a success. Jim, K6SV, reported the proceeds from spaces and food at \$3,118, including the deduction of the ASVARO fee and cost of food. Gerry turned the pickup truck load of treasures into \$371 bringing the total to \$3,489. Note, these are unofficial numbers until Ron, W6AZ, has a chance to review them.

Clark, KK6ISP, mentioned ASVARO is having a board meeting in July. He also mentioned one of the topics they are considering is to asking Fry's for more space. There are a couple of options which were discussed. Jim, K6SV, mentioned ASVARO should consider relocating the food booth as it blocks off one of the aisles and people plow past it anyway which is inconvenient for the food booth workers. The board made a few other comments that Clark will take to the ASVARO board meeting.

Marty, W6NEV, mentioned being out of town for the next board meeting. Kristen, K6WX, indicated she had an ARRL meeting at HQ during the same period of time. After a short discussion, the board voted to not hold a July meeting.

Joel, KD6W, mentioned that it's time to consider purchasing a spare projector lamp as the lamp currently in the projector is the original. The board approved the purchase of a spare lamp.

The board meeting was adjourned at 8:40 PM.

Jim Thielemann, K6SV
Secretary/membership



Pileup outside of PAARA Field Day Get On The Air (GOTA) Station

June Raffle Winners

Front to Back, Left to Right

- 7th Prime cord winder, Jim, K6SV
- 9th Honey (Thanks Vicky), Ric, N6AJS
- 5th Tooland screwdriver set, Darryl, KI6LDM
- 4th Atomic projection alarm clock w/temp, Gail, KK6PDB
- 6th Portland hacksaw, Jeff KA6UIX
- 2nd Baofeng dual-band HT, Marty, W6NEV
- 8th Universal tablet sleeve, Joel, KD6W
- 1st Arrow dual-band Yagi antenna, Joel, KD6W



Gerry, N6NV and Bob, W6RGG, ARRL Second Vice President, Annual Handshake

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	Marty Wayne, W6NEV w6nev@arrl.net	408-234-8023
Secretary	Jim Thielemann, K6SV thielem@pacbell.net	408-839-6815
Treasurer	Ron Chester, W6AZ ron@taxhelp.com	408-243 2221

Directors

Director ('18-'20)	Joel Wilhite, KD6W kd6w@arrl.net	408-839-5948
Director ('18-'19)	Walt Gyger, K6WGY walt@tradewindsaviation.com	408-921-5901
Director ('19)	Larry Rebarchik N6DB n6db@arrl.net	650 465-8210
Director ('19)	Darryl Presley, K16LDM ki6ldm@arrl.net	650 255-2454

Appointed Positions

Membership	Vic Black, AB6SO ab6so@smrn.com	650-366 0636
Database	Jim Thielemann, K6SV thielem@pacbell.net	408-839-6815
Chaplain	Rick Melrose K6RDM K6RDM@yahoo.com	408-341-9070
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	
Asst. to the Treasurer....	Bob Korte, KD6KYT bob@rgktechsales.com	408 396 4745
Badge Coordinator	Doug Teter, KG6LWE dteter@wvci.com	650-367-6200
Historian Position	<i>Position Vacant</i>	
Raffle Coordinator	Jim Rice, K6AK	650-851-2274
Field Day Coordinator ...	Doug Teter, KG6LWE	650-367-6200
ASVARO Rep.....	Clark Martin, KK6ISP kk6isp@comcast.net	
Webmaster	John Miller K6MM webaron@gmail.com	
Technical Coordinator ...	Joel Wilhite, KD6W kd6w@arrl.net	408-839-5948
QSL Manager	Marty Wayne, W6NEV	408-234-8023
Speaker Coordinator	Marty Wayne, W6NEV	408-234-8023

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	Ron Chester W6AZ	Vic Black AB6SO
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Technical Tips	Vic Black, AB6SO ab6so@smrn.com	650-366 0636
Photographer.....	<i>Position Vacant</i>	

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
 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, 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.
 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 2nd Wednesday of every month except July, August and December.
 Contact: <http://wvara.org>, Bill Ashby N6FFC, 408-267-3118, president@wvara.org

American Red Cross, Santa Clara Valley Chapter

Contact: <http://santaciaravalley.redcross.org> or Scott Hensley KB6UOO, (408) 967 7924
shensley@Novell.com

(Please send changes to PAARAgaphs editor)



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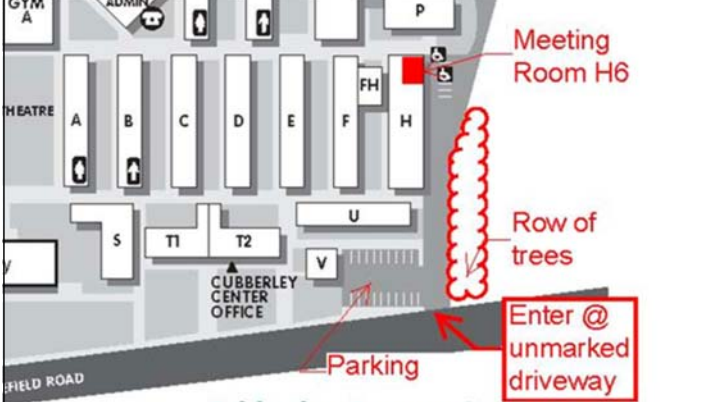
www.jameco.com

PAARA Weekly Radio Net

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

Week	Control Operator
1 st	Joel KD6W
2 nd	Doug - KG6LWE
3 rd	Jack - W1VSL
4 th	Rob - KC6TYD
5 th	Rob - KC6TYD

If you're interested in trying out at Net Control,
 Contact Doug, KG6LWE. It's good practice,



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

**Meeting Location — Middlefield Road
 between San Antonio and Charleston in Palo
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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 PAARAgaphs
 \$6 for each additional family member (no newsletter).
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NOT A CLUB, CLOSED GROUP OR CLIQUE; AMATEUR RADIO OPERATORS AND FRIENDLY PEOPLE ARE ENCOURAGED TO ATTEND!

PAARA Badges

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

This space is available.



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Anchor Electronics 2040 Walsh Ave, Santa Clara
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PAARA W6OTX DMR Repeater Frequencies	
144 – 144.9625 up 2.5 MHz	DMR—NOR CAL Brandmeister Network
440 – 444.475 up 5 MHz	DMR
1.2G – 1284.15 down 12MHz	Off line
1.2G – 1249.15 half duplex	Off line



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 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

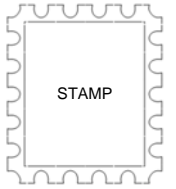
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- Not-for-profit ads by association members for ham-related items and wants. No cost for business card-size ads (additional space at \$2.50 per business card size per issue).
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PAARAgaphs — July 2019

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