

# PAARAgraphs



The Official Newsletter of the

**Palo Alto Amateur Radio Association, Inc.**

Celebrating 83 years as an *active* amateur radio club—*Since 1937*



### Upcoming Events

July 3 Aug 7 Sept 4	PAARA General Meeting, 7:00 PM Zoom Meeting, see article for details
July 15 Aug 19 Sept 16	Board Meeting, 7:00 PM. Everyone welcome! Zoom Meeting, eMail President for details!
July	Electronic Flea Market Cancelled

### DATV - Part 2

Joel Wilhite.

Our own Joel Wilhite - KD6W, will provide a second part to his first talk on DATV to add more new details and information to add to the first part. In part one he covered the basics on what DATV is and how it differs with analog ATV and summarized with information about where to get started. As like many things, the times have changed and come along with new developments to help us advance the state of the art. ATSC 3.0 is live and we have to continue social distancing. With changes in society, standards and some of the off the shelf products, we can leverage some new concepts.

**This meeting will be conducted with Zoom. Please see Zoom details later in this issue.**

### President's Corner

July 2020

It seems I find myself unintentionally associated with 53% of the population that confuses the meaning of Memorial Day and Veterans Day. As such, a correction to last month's column is in order. To put it bluntly, Memorial Day was established to honor those who died in battle. Whereas, Veterans Day is to honor all that have served regardless of the result of their service, but who committed to "support & defend The Constitution of The United States of America against all enemies, foreign or domestic...". Thus, my column should have thanked those



(President — Continued on page 3)

### Announcing a contest within an event

The PAARA board gathered on Zoom for a couple of quick meetings a few days after the board meeting to consider the idea of a PAARA club member competition as part of Field Day this year. As there isn't an official PAARA FD site this year due to conditions out of our control, the board agreed that a bit of friendly competition would "spice" the event up a little. Thus, the PAARA club contest was born. Please check out the rules, which are rather straight forward.

The board debated on what the prizes should be tossing around several ideas. Our concern was having a prize that was of use to the winner. Thus, the idea of HRO gift certificates. The board felt the diversity of products at HRO could surly fill someone's need for new "something or another".

We also wanted to recognize any teams, more than one operator using a common call sign, independent of single operators. Realizing that team scores would, by their nature, be higher than for single operators, we created a separate first-place prize for them. However, we also felt there would be far more single operators than teams thus we decided to have 2nd and 3rd place prizes for single operators.

We hope all members can find some time over FD weekend to participate. Several clubs in the Bay Area have worked together to develop a plan for operation on 2M simplex. Please check out the "Field Day 2020 on 2M" for information.

Also note: there is a PAARA sponsored Zoom meeting during FD for members to chat, get assistance, or whatever during FD. It's an unmoderated "drop-in if you which" place where PAARA members can engage other members. I will open the meeting secession at or around 9 AM on 6/27. It will remain open for 24 hours. Please feel free to stop by during the event.

Zoom info:

Topic: PAARA FD meet up site

Time: Jun 27, 2020 09:00 AM Pacific Time (US and Canada) through Jan 28, 2020 09:00

Join Zoom Meeting

[https://us02web.zoom.us/j/85320224810?pwd=cnJoK1hIOHgxaXMxanpBb09uNjNzQT\\_09](https://us02web.zoom.us/j/85320224810?pwd=cnJoK1hIOHgxaXMxanpBb09uNjNzQT_09)

Login: 1st name and call

Meeting ID: 853 2022 4810

Password: 846663

73, Jim K6SV

Keep the airwaves alive by getting on the air!

### PAARA Field Day 2020 CLUB Participation Rules (it's not a contest)

To encourage participation in the upcoming Field Day, even without our traditional W6ARA operation, PAARA is announcing the PAARA Field Day Contest, with prizes for club members.

1. Any member in good standing before the start of Field Day on 6/27/20 is eligible to participate.
2. Each participant must submit their log with their callsign through the ARRL web page (<http://field-day.arrl.org/fdentry.php>) and list the "Palo Alto Amateur Radio Association" as their club. Note: the ARRL will not recognize PAARA as the club thus the name must be spelled out. Your entry to this contest is your submission of your log to the ARRL. The ARRL submission deadline is 7/28/20.
3. Contest winners will be announced after the ARRL posts the results of Field Day in November. The ARRL published scores will be the sole determinant of the winners.
4. Individual awards are based on scores turned in by a single operator, and not the operating category, against all other PAARA member single operators.
5. Teams of two or more operator stations under one callsign will receive a separate 1st place prize. Their score is also based on the ARRL published scores against other PAARA member team scores.

*(Contest — Continued on page 3)*

(Contest — Continued from page 2)

6. The top scores will receive HRO Gift Certificates as follows
  - a. First place team \$350
  - b. First place single \$350
  - c. Second place single \$200
  - d. Third place single \$100
7. As this contest is intended to encourage general membership participation in Field Day, PAARA Officers and Board Members are excluded from participation.
8. The awards and prizes will be handed out at the December 2020 General meeting, assuming we will be allowed to convene. Otherwise, prizes and certificates will be distributed in the mail and winners published in PAARAgaphs.

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who made the ultimate sacrifice to ensure the many freedoms that we enjoy today in America. To those who paid that ultimate price, we honored your commitment and sacrifice on Memorial Day.

With that said, another important holiday approaches, July 4th, Independence Day. The day we celebrate the signing of the US Declaration of Independence by the Continental Congress in Independence Hall in 1776. A year ago, we took a trip to Washington DC to visit and experience the holiday in our nation's capital. It gave us great pause and cause for reflection to see the actual document declaring our independence from the Kingdom of Great Britain. We also visited Independence Hall to see where the document was signed. It's this document, signed 244 years ago, along with the Constitution that many have fought to uphold, some making the ultimate sacrifice. I trust everyone enjoyed July 4th to the fullest extent in whatever Covid19

acceptable manner allowable. I know the locals around me started celebrating a couple of weeks ago.

Summer is officially here, from an astronomical perspective. Though it doesn't feel anything like past summers, one event clearly in the early part of summer is Field Day (FD). As you read this column, FD has come and gone. By now, everyone knows that the board reluctantly canceled any club sponsored event. The tough decision was driven by the restrictions still in place for gatherings in Santa Clara County as well as the lack of people signing up to work the proposed 2A station. It's an unfortunate turn of events but not one that's a total shock.

The weekend before FD, I noticed quite a bit of activity on 6M. Even 10M got into the act mostly using FT8. Regardless of mode, 10M was active. Can everyone say, "YAY, sunspots"? I only hope that the activity was a forecast of good things to come and favorable band conditions for FD weekend. By the time you are reading this, we'll all know the answer to the band condition question.

I hope everyone had a great time working FD. I look forward to hearing some stories from members on their experiences operating this one-off version of FD. I imagine I'm not the only one that has never worked FD from my home QTH. I have to find time in between other obligations to get my station fully operational as I made some software changes to its configuration some time back that didn't work. Now I find myself trying to remember what I did so I can

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(President — Continued from page 3)

get the station back in working order in time for the event.

I trust everyone will submit their log to the ARRL using the web portal <http://field-day.arrl.org/fdentry.php> and list the “Palo Alto Amateur Radio Association” as their club. Feel free to reach out to any board member if you have any questions on how to complete the online entry form. Listing the “Palo Alto Amateur Radio Association” benefits the club but also makes you eligible for one of the prizes announced before the event. Keep in mind, the entry must be submitted to the ARRL before 7/28/20 to be counted.

Hopefully, there were a large number of members who found the idea of a PAARA FD contest fun and entered the PAARA FD contest by submitting their log to the ARRL. Now the waiting game begins to see what the final scores of club members are so we can announce the winners.

As a reminder, the next club meeting will be on July 3rd via Zoom. Normally, with Saturday being a holiday, our usual eyeball QSO meeting on a holiday weekend would have shifted to July 10th. As the meeting is using Zoom, and the 3rd had been previously published, the board decided to hold the meeting on the 3rd. I hope to “see” you all there. Joel, KD6W, will give us part 2 of his talk on Amateur TV.

73, Jim K6SV

Keep the airwaves alive by getting on the air!

## June 17, 2020 Board Meeting Minutes

The June Board meeting was a virtual meeting, conducted over Zoom.

### Attending:

Jim Thielemann K6SV, President; Marty Wayne W6NEV, Vice President; Ric Hulett N6AJS, Secretary; Bob Korte KD6KYT, Treasurer; Walt Gyger K6WGY, Joel Wilhite KD6W, Doug Teter KG6LWE, and Darryl Presley KI6LDM, Directors. Christopher Hoover AI6KG was also in attendance.

Meeting was called to order at 7:10 p.m. A quorum was present.

### Key Items:

The July PAARA general meeting will again be virtual, via Zoom. We will meet on July 3, NOT on July 10 as we would if we were meeting in person. See the PAARA website for more information.

### Field Day:

The Board decided unanimously to cancel the W6ARA Field Day for 2020. This is due to several factors including: Low member interest and signups; The ongoing Santa Clara County activity restrictions; The number of members in at-risk groups.

Club members are encouraged to operate their individual stations, and to submit logs to the ARRL using the web portal <http://field-day.arrl.org/fdentry.php> listing “Palo Alto Amateur Radio Association” as the club. Club credit by the ARRL WILL NOT be given to the club if you use “PAARA” for the club name. They are requiring the “Official” name of the club without acronyms.

To encourage club members to operate their own stations in Field Day, the board voted to establish a club competition. We will award HRO gift certificates to PAARA’s top three single-operator stations and to the top multi-operator score. See the PAARAgaphs Field Day article for more information.

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### President's Report:

The ARRL Volunteer Monitor program is in full swing, including recognition of good operating practices: Among other hams, Good Operator Notices were given to a 13-year-old in North Carolina for CW operation during the Youth on the Air Special Event, and a 14-year-old in Wyoming for SSB operation. This is a great update of the long-standing "OO" program.

COVID continues to affect our activities: It's been announced that the IDXC meeting for next year will be a virtual meeting rather than an in-person meet in Visalia. This will be held over two weekends in April, 2021. It's also renamed to the IDXCC (International DX and Contesting Convention).

We still need members to write stories for PAARAgaphs: Consider writing up ham radio experiences, projects, or anything ham-related. How has the virus affected your ham operations? What was your FD experience?

### Secretary's Report:

Since the last board meeting, we have received 5 member renewals and gained two new members: We are pleased to welcome Stephen Sample AI6JV and Vincent Von Kaenel K6VVK to the club.

Fourteen club members have elected to receive PAARAgaphs by e-mail. Any other members who wish to use this option can send an e-mail to PAARAPAY@gmail.com

### Treasurer's Report:

Income and expenses are in line with expectations, given the reduced level of club activity.

### VP / Program Chair Report:

The July meeting speaker will be Joel Wilhite, KD6W. He will discuss Amateur Television. No field trips are currently planned. No T-shirts have been sold.

We have sold some more PAARA-owned equipment, including a set of 5 items to a club member, and also the Galaxy R-530 receiver.

### Old Business

#### Repeater backup:

Joel and Jim have been working on installation of the 900 MHz repeater at the W6OTX site. The power and backup system is being designed for a 42 volt buss, with DC to DC converters to supply 12V.

#### PAARA Equipment Loan program:

The board reviewed the proposed program description and the Loan Agreement. With two editorial changes, the program is approved. Look for details in an upcoming PAARAgaphs.

### New Business

We discussed holding all future board meetings via Zoom.

Meeting was adjourned at 8:40.

Respectfully submitted,  
Ric Hulett N6AJS  
Secretary

## PAARA July Club Meeting

Time: Jul 3, 2020 07:00 PM Pacific Time (US and Canada)

Join Zoom Meeting

<https://us02web.zoom.us/j/82059489584?pwd=VWhpWVYyNjQ4NUdjNVk0V0dYZThPQT09>

Login: First name & call sign

Meeting ID: 820 5948 9584

Password: 152071

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## Palo Alto Amateur Radio Association, Inc.

PO Box 911 Menlo Park, CA 94026

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	thielem@pacbell.net	
Vice President .....	Marty Wayne, W6NEV	408-234-8023
	w6nev@arrl.net	
Secretary .....	Ric Hulett, N6AJS	408-332-4593
	energyconserved@sbcglobal.net	
Treasurer .....	Bob Korte, KD6KYT	408 396 4745
	bob@rgktechsales.com	

### Directors

Director ('19-'20) .....	Joel Wilhite, KD6W	408-839-5948
	kd6w@arrl.net	
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	walt@tradewindsaviation.com	
Director ('21) .....	Doug Teter, KG6LWE	650-367-6200
	dteter@wci.com	
Director ('21) .....	Darryl Presley, KI6LDM	650 255-2454
	ki6ldm@arrl.net	

### Appointed Positions

Membership .....	Vic Black, AB6SO	650-366 0636
	ab6so@smrn.com	
Database .....	Ric Hulett, N6AJS	408-332-4593
	energyconserved@sbcglobal.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	
Asst. to the Treasurer....	Ron Chester, W6AZ	
Badge Coordinator .....	Doug Teter, KG6LWE	650-367-6200
	dteter@wci.com	
Historian Position .....	<i>Position Vacant</i>	
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	Shrikumar, KA6Q	
	shri.paara@enablers.org	
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Webmaster .....	John Miller K6MM	
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Speaker Coordinator .....	Marty Wayne, W6NEV	408-234-8023

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	dianalloyd76@gmail.com	
Technical Tips .....	Vic Black, AB6SO	650-366 0636
	ab6so@smrn.com	
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](mailto: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 1<sup>st</sup> 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](mailto:KD6W@ARRL.NET), 650-325-8239

## FARS — Foothills Amateur Radio Society

Meets 4<sup>th</sup> Friday each month at 7:30pm

Contact: <http://www.fars.k6ya.org>

## NCDXC — Northern California DX Club

Meets 3<sup>rd</sup> Thursday 7:30pm each month,

Repeater for member info 147.360, Thursday 8:00PM

Contact: <http://nodxc.org> or Mike Gavin W6WZ, (650) 851 8699

## 50 MHz & Up Group

Meets 1st Thursday each month at 7pm in the Summit Room at the Sunnyvale Sports Basement, 1177 Kern Ave, Sunnyvale

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 3<sup>rd</sup> 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](mailto: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 2<sup>nd</sup> 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](mailto: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](mailto:president@wvara.org)

## American Red Cross, Santa Clara Valley Chapter

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

(Please send changes to [PAARAgaphs editor](mailto:PAARAgaphs editor))

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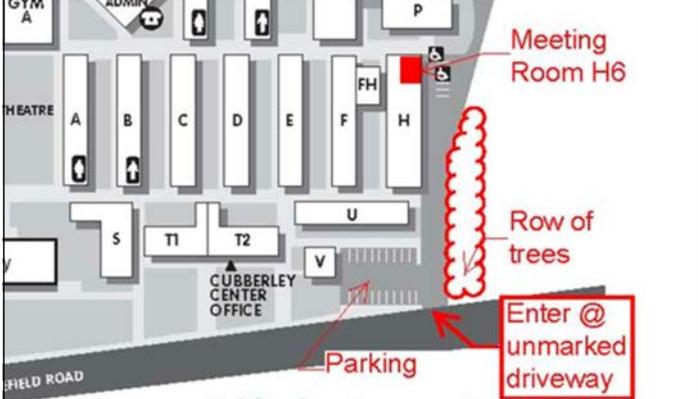
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### PAARA Weekly Radio Net

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

Week	Control Operator
1 <sup>st</sup>	Joel - KD6W
2 <sup>nd</sup>	John - W6JMK
3 <sup>rd</sup>	Ric - N6AJS
4 <sup>th</sup>	Rob - KC6TYD
5 <sup>th</sup>	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  
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 650/856.8756 fax  
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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).

Make payment to the  
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Kenwood TS450SAT: Built-in tuner, 500 Hz and narrow SSB filters. Complete with original box, manuals, etc. Note that this radio has had several problems common to the model all of which I've repaired. Purchased from original owner Feb. 2000. As is, \$450

Astron RS-35M power supply. As is, \$100

Both items are in VERY GOOD cosmetic and operating condition. Will demo on air and over Zoom prior to sale. Both pick-up only - Menlo Park. Contact Bob, [wo6w@arrl.net](mailto:wo6w@arrl.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, \$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 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 Walt Gyger, K6WGY.**

