



# QRO

MONTHLY NEWSLETTER OF THE PALOS VERDES AMATEUR RADIO CLUB

DECEMBER 2020



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All **QRO** monthly issues since 2007 are on the PVARC website at: [www.k6pv.org](http://www.k6pv.org) in the "Newsletter" tab. Additional club news appears in emailed PVARC Weekly Bulletin.

## The Palos Verdes Amateur Radio Club's 2020 Holiday "After-Dinner"

Come as you are; optional—bring  
your dessert and beverage

**Thursday, December 3, 2020**  
**via Webex**

**7:15 pm: Webex meeting room opens**  
**7:30-9:00 pm: After-Dinner Meeting**  
**and presentations plus door prizes**  
**for club members.**

Guests welcome: email to [ai6df@arrl.net](mailto:ai6df@arrl.net)  
for the Webex meeting link.

All PVARC meetings will be through Webex  
video conferencing until conditions permit  
safely resuming in-person events.

## PVARC's upcoming meeting topics: a virtual Holiday "After-Dinner" replaces our sit-down Holiday Dinner...and more

For something almost completely different...on Thursday, December 3—the PVARC's usual buffet Holiday Dinner is replaced with a Holiday "After-Dinner" via Webex.

There's no charge to attend the "After-Dinner." You eat dinner before coming online but optionally may bring your dessert and coffee to the computer. Dress as you wish. The Webex link into the After-Dinner was emailed to all PVARC members in our Weekly Bulletin and again in the email distributing this **QRO** issue.



Our 2020 After-Dinner program begins similarly to the annual Holiday Dinner, but without the food buffet. First, we'll have the usual brief review of PVARC's activity in past year. Second, we'll announce the PVARC member receiving our 2020 W6AM Rhombic Award for outstanding club service that's been presented annually since December 2008.

The After-Dinner then takes two new directions: a presentation by your **QRO** Editor on "Ham Radio during the Pandemic...and Post-Pandemic" exploring a likely new-normal when all this ends. We'll also enable any member to briefly mention how they've adapted their ham radio activities to the COVID-19 world.

Lastly we have our door prize drawings. This year instead of products to select we are giving eight gift certificates, four from Ham Radio Outlet and four from DX Engineering. Each attending member who is a licensed ham will be automatically entered in the drawings...so be sure we have your name and callsign before the PVARC's "Wheel of Fortune" spins.

For our January 7 monthly meeting via Webex we have the excellent ARRL video on radio direction finding (looking for hidden transmitters, or interference) originally scheduled for our November 5 monthly meeting. Also that evening we will present a slate of members who have been nominated and willing to serve on our Board from February 2021 to February 2022. Additional nominations, if any, will be taken from the floor during our January meeting. Any contested position will then be decided by secret ballot voting at our February meeting.

Topics are being arranged for our February meeting and beyond. ■

### **PVARC dues waived for 2021...but you still need to complete a membership renewal form to get your free membership**

We say again...PVARC membership in 2021 is free after your Board of Directors voted to waive dues for the year. That's because the pandemic prevented us from spending 2020 dues on most planned activities. Whether you have an individual or family membership the 2021 free renewal requires completing and returning our usual membership form shown on page 11 of this **QRO** issue. We still have ongoing expenses such as our liability insurance, video conferencing service, and PO Box. Any voluntary donations towards these will be greatly appreciated. ■

# Results published for a different kind of ARRL Field Day: K6PV with one operator (N6KN) scores in top 2% of all FD stations

The PVARC had a great Field Day (June 27-28) despite members operating from home stations because of the pandemic. Our fellow member Rocco, N6KN, operated as K6PV to keep the callsign “active” and scored 4,118 points...about equaling our club total in several recent Field Days with multiple operators. Rocco was in the top 2% of all FD stations nationally (including multi-ops) and top 1% of all Class 1D stations nationally, in the ARRL Southwestern Division, and ARRL Los Angeles Section. ■

Rank comments	Callsign	2020 FD Score	Class	QSOs	Power Multiple	Power Source*	Section	Operators	Club
204th of 10,212 stations nationwide—all classes (K6PV in top 2%) 57th of 6,129 Class 1D stations nationwide (top 1%) 3rd of 416 Class 1D stations in ARRL Southwestern Division (top 1%) 1st of 117 Class 1D stations in ARRL Los Angeles Section (top 1%) 3rd of 228 FD stations—all classes—in ARRL Los Angeles Section (top 1.5%)	K6PV  (Rocco, N6KN)	4,118	1D	1,285	2	C	LAX	1	Palos Verdes ARC
306th of 6,129 Class 1D stations nationwide (top 5%)	NG6R	1,916	1D	417	2	C	LAX	1	Palos Verdes ARC
336th of 6,129 Class 1D stations nationwide (top 6%)	N6HE	1,810	1D	393	2	C	LAX	1	Palos Verdes ARC
215th of 1,844 Class 1E stations nationwide (top 12%)	K6JW	1,590	1E	123	5	B	LAX	1	Palos Verdes ARC
<b>Thank you to all PVARC members who operated 2020 Field Day</b>  * Power Sources: B = Battery C = Commercial mains G = Generator S = Solar	K6RO	1,415	1D	831	1	C	LAX	1	Palos Verdes ARC
	K6MU	930	1E	170	2	G	LAX	1	Palos Verdes ARC
	W6HIP	734	1B1	87	2	G	LAX	1	Palos Verdes ARC
	KB9ENS	700	1E	93	2	S	LAX	1	Palos Verdes ARC
	WA6MEM	650	1D	150	2	C	LAX	1	Palos Verdes ARC
	KM6YGM	380	1B1B	46	5	B	LAX	1	Palos Verdes ARC
	N6YFM	342	1D	73	2	C	LAX	1	Palos Verdes ARC
	AI6DF	296	1E	23	2	B	LAX	1	Palos Verdes ARC
	AB9A	262	1D	53	2	C	LAX	1	Palos Verdes ARC
	KM6YGS	100	1B1B	10	5	B	LAX	1	Palos Verdes ARC
Data: ARRL Contest Results database at <a href="http://www.arrl.org/results-database?event_id=122601">http://www.arrl.org/results-database?event_id=122601</a>	KM6LGX	84	1D	17	2	C	LAX	1	Palos Verdes ARC
	KO6MD	72	1D	11	2	C	LAX	1	Palos Verdes ARC

# Part 3: Where the Los Angeles-area hilltop VHF/UHF amateur repeaters are...or aren't

By Diana Feinberg, AI6DF  
QRO Editor

Our Los Angeles-area VHF/UHF ham repeater hilltop tour this month reaches into L.A. County's northwest corner and Ventura County's eastside. But it's a region that doesn't reach many South Bay ham home QTHs due to Santa Monica Mountain blockage. Next month we'll cover repeaters in the San Gabriel Mountains.

One thing is certain about the northwest L.A. County/east Ventura County repeater hilltops: each does well serving its respective valley and adjacent mountains (i.e., the San Fernando, Conejo, Simi, Santa Paula, Santa Clarita, or lower San Joaquin Valleys).

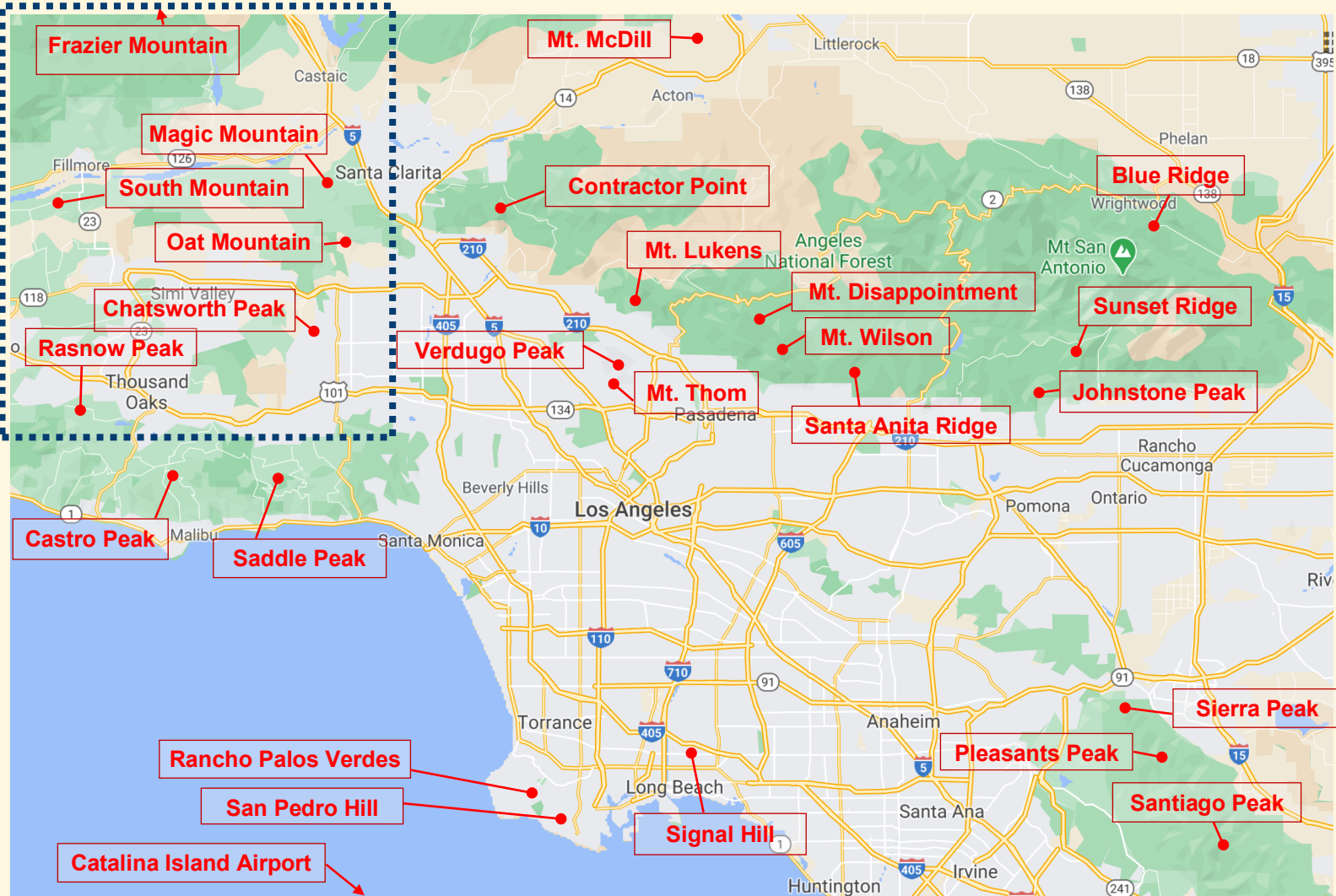
The next two pages list Open and Private/Closed repeaters at each site to convey amateur radio's total presence. Do not use a Private or Closed repeater unless authorized or you belong to its group.

As with other prime hilltops northwest L.A. County/east Ventura County high-elevation sites have far more commercial, government, and microwave systems than amateur repeaters. For example, Oat Mountain (previously a Nike air-defense missile site) also has two large Doppler weather radars for the National Weather Service and KABC-TV 7.

*Continued on next page* ▶

**Below:** Principal hilltop communication sites in Los Angeles County's northwest quadrant (in blue box) have their VHF/UHF amateur repeaters shown on the next pages Only 2-meter, 220, and 440 repeaters are included (some sites also have 900 MHz or 1.2 GHz ham repeaters.)

IMAGE: GOOGLE MAPS; REPEATER SITE DATA RESEARCH FROM COORDINATION LISTS AND SECONDARY SOURCES: DIANA FEINBERG, AI6DF



# Where Los Angeles-area hilltop VHF/UHF amateur repeaters are... or aren't (Part 3)

► *Continued from previous page*

## Frazier Mountain (elev. 8,013 ft.)

P=Private

Frequency	Rpt. Shift	Callsign	Location	O=Open	PL Tone	Owner
224.720	-	WB6RHQ	Frazier Mountain	O	156.7	Condor Connection (also its hub)
447.040	-	N6SMU	Frazier Mountain	O	136.5	N6SMU
447.860	-	KK6AC	Frazier Mountain	O	141.3	KERN System (hub)
447.100	-	WB6ORK	Frazier Mountain	P		SARS System
447.360	-	WR6FM	Frazier Mountain	P		
448.680	-	WB6TZH	Frazier Mountain	P		
448.860	-	W6HWW	Frazier Mountain	P		
449.120	-	N6ENL	Frazier Mountain	P		

## Magic Mtn. / Santa Clarita (elev. ~1,400 ft.)

P=Private

Frequency	Rpt. Shift	Callsign	Location	O=Open	PL Tone	Owner
146.790	-	W6JW	Santa Clarita (IRLP)	O	123.0	Santa Clarita ARC
146.970	-	W6JW	Santa Clarita (Syst.Fusion)	O	123.0	Santa Clarita ARC
448.340	-	N6NMC	Santa Clarita	O	67.0	

## Oat Mountain (elev. 3,747 ft.)

P=Private

Frequency	Rpt. Shift	Callsign	Location	O=Open	PL Tone	Owner
147.735	-	KB6C	Oat Mtn. (EchoLink)	O	100..0	
147.945	-	KF6JWT	Oat Mtn. (EchoLink)	O	136.5	Hispanic American ARC
224.580	-	WA6DVG	Oat Mtn. (AllStar)	O	156.7	WA6DVG
224.620	-	K6LRB	Oat Mtn.	O	82.5	
445.100	-	WD6AWP	Oat Mtn.	O	82.5	
446.800	-	N6LXX	Oat Mtn.	O	103.5	
447.200	-	K6PUY	Oat Mtn.	O	D-STAR	& DMR (CC0 and CC1)
147.270	+	K6CPT	Oat Mtn.	P		LA County Disaster Communications
224.400	-	WD6FZA	Oat Mtn.	P		Pocket Autopatch Assn. (PAPA)
224.740	-	W6SCE	Oat Mtn.	P		Edison ARN
446.580	-	WD6FZA	Oat Mtn.	P		Pocket Autopatch Assn.
446.680	-	WA6LWW	Oat Mtn.	P		
447.560	-	KB6CRE	Oat Mtn.	P		
447.820	-	KE6PGN	Oat Mtn.	P		Metropolitan ARS
448.220	-	WA6EQU	Oat Mtn.	P		
448.480	-	KB6C	Oat Mtn.	P		

*Continued on next page* ►

# Where Los Angeles-area hilltop VHF/UHF amateur repeaters are... or aren't (Part 3)

►Continued from previous page

## Chatsworth Peak (elev. 2,313 ft.)

P=Private

Frequency	Rpt. Shift	Callsign	Location	O=Open	PL Tone	Owner
145.240	-	WD6EBY	Chatsworth Peak	O	127.3	Pleasant Valley ARC
147.180	+	KK6NJ	Chatsworth Peak	O	186.2	
224.440	-	N6XPG	Chatsworth Peak	O	100.0	
445.840	-	WD6EBY	Chatsworth Peak	O	141.3	Pleasant Valley ARC
145.340	-	WA6TTL	Chatsworth Peak	P		GRONK
445.460	-	K6LAM	Chatsworth Peak	PF		LA Marathon Amateur Communicators
445.800	-	W6RRN	Chatsworth Peak	P		Rabbit Radio Network
446.380	-	W6KGB	Chatsworth Peak	P		GRONK
446.660	-	WA6TTL	Chatsworth Peak	P		GRONK
447.160	-	WA6TTL	Chatsworth Peak	P		GRONK

## Rasnow Peak (elev. 1,603 ft.)

P=Private

Frequency	Rpt. Shift	Callsign	Location	O=Open	PL Tone	Owner
147.885	-	N6JMI	Rasnow Peak	O	127.3	
223.940	-	WB6RHQ	Rasnow Peak	O	156.7	Condor Connection (linked to Frazier)
223.960	-	N6CFC	Rasnow Peak	O	141.3	
447.020	-	KC6IJM	Rasnow Peak	O	127.3	
447.480	-	WD6EBY	Rasnow Peak	O	156.7	Pleasant Valley ARC
449.440	-	W6AMG	Rasnow Peak	O	131.8	Amgen ARC
448.600	-	W6RRN	Rasnow Peak	P		Rabbit Radio Network
449.100	-	WA6TTL	Rasnow Peak	P		GRONK

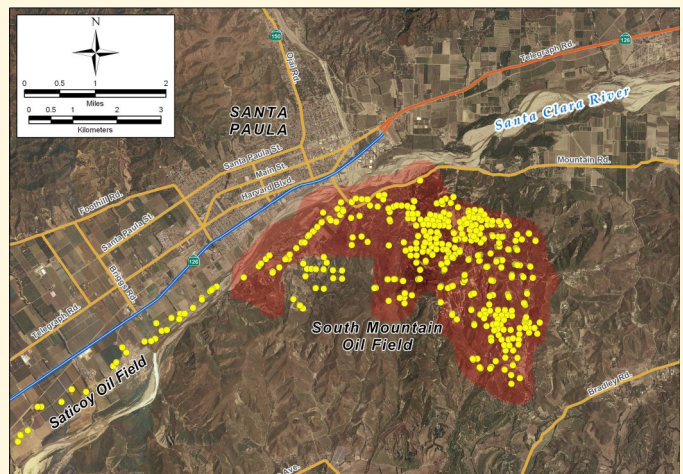
## South Mountain (elev. 2,308 ft.)

P=Private

Frequency	Rpt. Shift	Callsign	Location	O=Open	PL Tone	Owner
146.385	+	WA6ZSN	South Mountain	O	127.3	
224.100	-	WA6ZSN	South Mountain	O	100.0	SMRA
447.320	-	WA6ZSN	South Mountain	O	100.0	

**Right: South Mountain** is an unusual repeater site in that this mountain is mostly an active oil field. The aerial view at right shows (in yellow) oilwell locations on South Mountain, especially its north side facing the City of Santa Paula. Besides the three ham repeaters extensive County of Ventura communication assets are atop South Mountain.

IMAGE ATTRIBUTION: Antandrus at English Wikipedia: Creative Commons Attribution-Share Alike 3.0 Unported; <https://commons.wikimedia.org/wiki/File:SouthMountainDetail.jpg> ■



## FCC to require valid email addresses in all license applications and updates

*From the ARRL website*

12/02/2020

Amateur radio licensees and candidates will have to provide the FCC with an email address on applications, effective sometime in mid-2021. If no email address is included, the FCC may dismiss the application as defective.

The FCC is fully transitioning to electronic correspondence and will no longer print or provide wireless licensees with hard-copy authorizations or registrations by mail.

A *Report and Order (R&O)* on “Completing the Transition to Electronic Filing, Licenses and Authorizations, and Correspondence in the Wireless Radio Services” in WT Docket 19-212 was adopted on September 16. The new rules will go into effect 6 months after publication in the *Federal Register*, which hasn’t happened yet, but the FCC is already strongly encouraging applicants to provide an email address. When an email address is provided, licensees will receive an official electronic copy of their licenses when the application is granted.

Under Section 97.21 of the new rules, a person holding a valid amateur station license “must apply to the FCC for a modification of the license grant as necessary to show the correct mailing and email address, licensee name, club name, license trustee name, or license custodian name.” For a club or military recreation station license, the application must be presented in document form to a club station call sign administrator who must submit the information to the FCC in an electronic batch file.

Under new Section 97.23, each license will have to show the grantee's correct name, mailing address, and email address. “The email address must be an address where the grantee can receive electronic correspondence,” the amended rule will state. “Revocation of the station license or suspension of the operator license may result when correspondence from the FCC is returned as undeliverable because the grantee failed to provide the correct email address.” ■

## Ham radio events in 1st-Quarter 2021 being canceled or re-scheduled

The coronavirus has forced canceling or re-scheduling numerous in-person amateur radio events slated for early 2021. In the week prior to this **QRO** issue being written the 2021 Baker 2 Vegas Challenge Race for law enforcement (March 27-28) was canceled. This event typically has about 500 hams providing public service and safety communication along the 120-mile course to support the 8,000+ runners and their respective teams. Additionally, the 2021 Los Angeles Marathon set for March 21 was re-scheduled to May 23—subject to new health conditions. This event generally has 70-80 amateurs along the 26.2-mile course from Dodger Stadium to a new finish line this year in Century City.

Major ham conventions already canceled include the Orlando HamCation in mid-February and the Yuma AZ Hamfest on February 19-20. The International DX Convention in April will be a virtual convention and follows another QSO Today virtual ham convention in mid-March. ■

## PVARC Club News

### Become an ARRL member: Support amateur radio while increasing your learning

Please consider joining the American Radio Relay League (ARRL) if not a member. The ARRL is the only national organization representing amateur radio and has another significance for the PVARC: We receive benefits from being an ARRL-affiliated club. But an ARRL-affiliated club requires at least 51% of club members also be ARRL members.

Annual ARRL membership costs \$49 and includes your choice of the printed monthly **QST** magazine or the ARRL's new **On The Air** magazine for newer hams. Both are available electronically to all ARRL members plus a new member benefit: free online access to ARRL's two other publications, **QEX** and **National Contest Journal**. Additionally all ARRL members can access numerous web-based materials, ARRL staff, and assistance with ham radio issues. Visit: [www.arrl.org/](http://www.arrl.org/) then click "Join/Renew." ■

### Need a PVARC badge?

Gary Lopes, WA6MEM, has distributed all PVARC badges that were ordered before our transition to virtual meetings in April. If you wish to order a new or replacement badge please contact him at [wa6mem@cox.net](mailto:wa6mem@cox.net) and he will make arrangements for your payment and sending your new badge. ■

### Embroidered PVARC patches still available

PVARC club patches are still available by special arrangement for \$4 each. They may be sewn onto any cap, jacket, shirt, or bag.

The four illustrations in the patch center are emblems of the Palos Verdes Peninsula's four cities (clockwise from top left:

Palos Verdes Estates, Rolling Hills Estates, Rancho Palos Verdes and Rolling Hills.)

During our COVID-19 period of virtual meetings if you would like a patch please contact Diana, AI6DF, at [ai6df@arrl.net](mailto:ai6df@arrl.net) and we'll find a way to get your patch to you. ■



## Palos Verdes Amateur Radio Club

An American Radio Relay League Affiliated Club

### Board of Directors:

President	Diana Feinberg, AI6DF
Vice President	Ray Day, N6HE
Treasurer	Peter Landon, KE6JPM
Secretary	Ron Wagner, AC6RW
Directors	Clay Davis, AB9A
	Gary Lopes, WA6MEM
Past Vice President	Bob Sylvest, AB6SY

### Appointed Offices:

<b>QRO</b> Editor	Diana Feinberg, AI6DF
Webmaster	Kel Vanderlip, W6KCV
K6PV QSL Manager	Jeff Wolf, K6JW
K6PV Repeater Trustee	Mel Hughes, K6SY
LAACARC Delegate	Jeff Wolf, K6JW
VE Coordinator	Dave Scholler, KG6BPH
VE ARRL Liaison	Jerry Shaw, KI6RRD
Net Control Operators	Malin Dollinger, KO6MD;
	Dale Hanks, N6NNW; Bob Sylvest, AB6SY;
	Ron Wagner, AC6RW; Dave Turner, KM6LGX

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**Email us:** [k6pv@arrl.net](mailto:k6pv@arrl.net)

**Website:** [www.k6pv.org](http://www.k6pv.org)

### Mailing Address:

Palos Verdes Amateur Radio Club  
PO Box 2316  
Palos Verdes Peninsula, CA 90274-8316

### Monthly Meeting:

1<sup>st</sup> Thursdays at 7:30 pm via Webex  
Visitors always welcome.

### Repeaters (Open, though often listed as "Closed"):

- PVARC:** K6PV, 447.120 MHz
- **Analog FM:** (-), PL 100.0, CTCSS
- **Digital DMR:** 447.120 MHz (RX); 442.120 MHz (TX)  
Talkgroup 31060, Color Code 1, Time Slot 2
- **"PV-West":** W6MTA, 449.980 MHz (-), PL 173.8, CTCSS

### To order a Club badge:

Gary Lopes, WA6MEM, [wa6mem@cox.net](mailto:wa6mem@cox.net)

### To order a Club jacket or patch:

Dave Scholler, KG6BPH, 310-373-8166

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Front page photo — Pt. Vicente Lighthouse during a brilliant sunset in December 2019. PHOTO: DIANA FEINBERG, AI6DF



## PVARC Club News

### PVARC upcoming dates in 2020

- ◆ **PVARC monthly meetings online via Webex**  
1st Thursday each month, 7:30-9:00 pm, except in December.  
*(in-person meetings at Hesse Park McTaggart Hall will resume when permitted)*
- ◆ **PVARC HF Enthusiasts Group meetings online via Webex**  
2nd Saturday each month, 10:00 am to Noon  
*(in-person meetings at Palos Verdes Library main branch's Purcell Room will resume when permitted)*
- ◆ **PVARC EmComm Interest Group online meetings via Webex**  
3rd Saturday every month, 10:00-11:00 am
- ◆ **Walt Ordway, K1DFO, Technician and General amateur radio license classes at Hesse Park**  
Will resume when in-person gatherings at Hesse Park are allowed
- ◆ **Public service events:**  
Canceled: Palos Verdes Half Marathon-10K-5K, Nov. 21.
- ◆ **PVARC 2020 Holiday "After-Dinner":** Dec. 3 via Webex

#### Non-PVARC Events of Note:

- ◆ **W6TRW Swap Meet is canceled until further notice**, Northrop Grumman Space Park, North Redondo Beach. ■

### WELCOME NEW MEMBERS OF THE PALOS VERDES AMATEUR RADIO CLUB IN 2019-2020

Georgiann Keller, KM6YGM

Annalise Little, KM6YGS

Tim Couture, KM6QWA

Frank Brown, KM6YGQ

Charlie Hansen, AJ6HZ

Diana DiDomenico, KM6IQN

William McClure, W7QLI

Rick Shigio, K6RTS

David Calloway, K6DKC

Jon Kuroyama, K6LDQ

Ray Grace, WA6OWM

Robert Keller, K9BGC

Alex Marko, KD6LPA

Erin Okada, KN6FYV

Derek Okada, K6DMO

Xing Yang, KN6FYX

Stephen Anderson, KN6FZA

Charles Tang, KN6FYY

Ikue Duncan, KN6FYW

Judy Frankel, KN6FYU

Robert Sawyer, KG6SFQ

Heidi Gransar, KN6HVG

Bruce Ward, KN6HVI

David Salazar, KE6GFR

Ed Jenkins, K6EXY

David Hostetler, W6OQ

Robert Rodriguez, KN6FQL

## PVARC Calendar

December 2020

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1 PVARC analog weekly net on K6PV repeater 7:30-7:55 pm	2 PVARC digital DMR weekly net on K6PV repeater 7:30-7:55 pm	3 PVARC Holiday "After-Dinner" 7:30-9:00 pm via Webex	4	5
6	7	8 PVARC analog weekly net on K6PV repeater 7:30-7:55 pm	9 PVARC digital DMR weekly net on K6PV repeater 7:30-7:55 pm	10	11	12 PVARC HF Enthusiasts Group Meeting via Webex 10:00 am-Noon
13	14	15 PVARC analog weekly net on K6PV repeater 7:30-7:55 pm	16 PVARC digital DMR weekly net on K6PV repeater 7:30-7:55 pm	17	18	19 PVARC EmComm Interest Group Meeting via Webex 10:00-11:00 am
20	21	22 <i>No net</i>	23 <i>No net</i>	24 Christmas Eve	25 Christmas Day	26
27	28	29 <i>No net</i>	30 <i>No net</i>	31 New Year's Eve		



Palos Verdes Amateur Radio Club
P.O. Box 2316
Palos Verdes Peninsula, CA 90274
http://k6pv.org

NEW MEMBER & 2021 MEMBERSHIP RENEWAL FORM

NEW: \_\_\_\_\_ or RENEWAL: \_\_\_\_\_ MEMBERSHIP DATE: \_\_\_\_\_

Last Name: \_\_\_\_\_ First Name: \_\_\_\_\_ Spouse: \_\_\_\_\_

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: Home \_\_\_\_\_ Work \_\_\_\_\_ Cell \_\_\_\_\_

Email address: \_\_\_\_\_

(Unless otherwise noted emails will be sent to the applying member only)

License Call: \_\_\_\_\_ License Class: \_\_\_\_\_ ARRL Member? \_\_\_\_\_ Birth Mo./Day: \_\_\_\_\_

Other amateur radio groups you belong to: \_\_\_\_\_

Additional Household and/or Family Members (if Applicable):

Name \_\_\_\_\_ Call \_\_\_\_\_ Class \_\_\_\_\_ ARRL \_\_\_\_\_ Birth Mo./Day: \_\_\_\_\_

Name \_\_\_\_\_ Call \_\_\_\_\_ Class \_\_\_\_\_ ARRL \_\_\_\_\_ Birth Mo./Day: \_\_\_\_\_

Name \_\_\_\_\_ Call \_\_\_\_\_ Class \_\_\_\_\_ ARRL \_\_\_\_\_ Birth Mo./Day: \_\_\_\_\_

Individual membership (2021 only): No charge

Household and/or Family membership (2021 only): No charge

Donation to support PVARC activities: \$ \_\_\_\_\_

PayPal: \_\_\_\_\_ Cash: \_\_\_\_\_ or Check #: \_\_\_\_\_ Date \_\_\_\_\_ TOTAL \$ \_\_\_\_\_

Please make checks payable to: Palos Verdes Amateur Radio Club; Dues based on January 1st to December 31st year.

PayPal payment: Go to www.paypal.com, enter recipient name as: PVARC90274@gmail.com

All New and Renewal Member applications must be signed below.

I am applying for a new or renewal membership in the Palos Verdes Amateur Radio Club and understand that by accepting membership I agree to abide by the Club's constitution and by-laws (available on-line at: http://www.n6rpv.net/n6rpvpage/pvarc/constitution.pdf or upon request.)

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Family Member Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Family Member Signature: \_\_\_\_\_ Date: \_\_\_\_\_