



QRO

MONTHLY NEWSLETTER OF THE PALOS VERDES AMATEUR RADIO CLUB

FEBRUARY 2021



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

Building Your Own Baluns and Ununs

Ed Jenkins, K6EXY

Thursday, February 4, 2021

via Webex

7:15 pm: Webex meeting room opens

7:30-9:00 pm: Meeting

Guests welcome: email to 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

The PVARC's **February 4** monthly meeting via Cisco Webex features a new presentation by our fellow member Ed Jenkins, K6EXY, on balun/unun design and construction. You can do it!

Baluns (i.e., 'balanced' line to "unbalanced" line) and ununs ("unbalanced" line to "unbalanced" line) are frequently-used transformers that match actual antenna impedances with the 50-Ohm impedance ham transceivers use. One example: End-fed long-wire HF antennas have high impedances and often need a 9:1 unun to enable a decent match near 50 Ohms at the transceiver end.

Also at the February 4 virtual meeting we'll be affirming by voice vote our slate of officers and directors to serve for the next 12 months. And for something different, we will have a short intermission using a new Webex feature that simulates some inter-personal aspects of refreshment breaks at PVARC's Hesse Park meetings. But you must bring your own cookies and coffee, if desired, to the virtual meeting.

Our **March 4** meeting features a new presentation by Wayne Yoshida, KH6WZ in Orange County, entitled "Tool-Free Troubleshooting." Yes, there are ways to systematically determine the source of many ham radio (and electrical) problems without an array of equipment. Wayne is widely-known in ham radio circles as a technical writer and Contributing Editor for **CQ Magazine**.

Presenters are still being arranged for our April 1st monthly meeting and beyond—more info to follow. We do not know when in-person meetings at Hesse Park can resume but we expect our meetings to continue virtually well into the 2nd half of 2021. ■

PVARC Officers/Directors serving from Feb. 2021 to Feb. 2022 to be elected by simple voice vote at February meeting

The PVARC elects its Officers and Directors annually at our February monthly meeting to serve during the following 12 months. At our January monthly meeting no additional nominations were received besides the previously-presented slate of candidates who committed to serve if elected. Because there are no contested positions the entire slate of candidates can be affirmed by simple voice vote of those attending the February 4th meeting.

The PVARC members nominated and committed to serve from February 4, 2021, through February 3, 2022, are:

For President: Diana Feinberg, AI6DF

For Vice President: Ray Day, N6HE

For Treasurer: Georgiann Keller, KM6YGM

For Secretary: Ron Wagner, AC6RW

For Directors: Clay Davis, AB9A, and Gary Lopes, WA6MEM ■

Start planning for 2021 Field Day at your home

By Diana Feinberg, AI6DF
QRO Editor

If you liked operating last year's ARRL Field Day from your home we hope you will do it again in 2021.

The PVARC Board of Directors recently voted not to have a traditional public-site 2021 Field Day due to pandemic issues. We now encourage all PVARC members to participate in Field Day (June 26-27) from their home or other safe location and have their respective scores combined into a PVARC club score.

Our decision reflected the delayed roll-out of COVID-19 vaccinations in Los Angeles County and complications with holding public events such as Field Day. Various reports have indicated all people age 65+ in Los Angeles County won't be fully vaccinated until late June at the earliest and all Californians won't be vaccinated until early 2022. Still unknown are any impacts from coronavirus variants.

At least one other Los Angeles County ham radio club started planning for a traditional Field Day this June and they immediately encountered a dilemma. They discussed whether only those signing a coronavirus liability release form should be at their Field Day site. Alternatively, they wondered, should every Field Day participant or visitor be required to present a valid CDC COVID vaccination card to be on-site?

We concluded the better course of action is not spending time or funds investing in a traditional Field Day for 2021. Our early announcement also allows PVARC members who didn't operate Field Day from home in 2020 to have sufficient time to prepare for it this year. (The PVARC has many experienced members who will gladly provide advice by email, phone, or at our monthly HF Enthusiasts Group virtual meetings.)

We look forward to resuming a traditional ARRL Field Day in 2022 from our usual public school site atop the Palos Verdes Peninsula. This year just isn't the right year.

Lastly, the ARRL has received requests to extend for another year the 2020 temporary Field Day rules that enabled club scores to be aggregated from members submitting logs and Class D (AC mains-powered) stations to receive credit for working any other Field Day station. Stay tuned for more details, but start planning your home Field Day station now. ■



Above: Operating Field Day from your home (or a family member's home) is a great opportunity to experiment with new antennas and station setup options. Shown above from 2020 Field Day is a 9:1 unun on a temporary backyard 69' long-wire HF antenna with two copper wire counterpoises dropping to run beneath the horizontal long-wire. PHOTO: DIANA FEINBERG, AI6DF

Part 4: Where the Los Angeles-area hilltop VHF/UHF amateur repeaters are...or aren't

By Diana Feinberg, AI6DF

Snow fell on many San Gabriel Mountains ham radio repeaters in late January so it's time we finally visit this area. While the following pages list known ham repeaters at "radio summits" some sites have other interesting aspects.

For example, Mt. Lukens above Sunland-Tujunga is actually within the City of Los Angeles. Mt. Lukens summit at 5,075 feet above sea level is the highest point in Los Angeles, making this city the largest in the United States with the highest and lowest elevation difference (5,075 feet, with the lowest elevation being sea level.)

Mt. Wilson (elev. 5,710 feet) is widely known as the site of 24 broadcast TV and most FM radio stations serving metro Los Angeles. Not so widely known is their astonishing combined RF power. For example, the KCBS-Channel 2 transmitter alone has an Effective Radiated Power of 485,000 watts; KNBC-Channel 4 has an ERP of 665,000 watts; and the list goes on. Electronic test equipment brought to Mt. Wilson has been known to produce readings without being connected to anything.

Also noteworthy, Mt. McDill above Palmdale is actually a cluster of four adjacent peaks and nearby Hauser Peak is considered in the same neighborhood.

Los Angeles County's highest point, Mt. San Antonio (a.k.a. Mt. Baldy) at 10,066 feet above sea level has no repeaters. But aiming a beam antenna at Mt. Baldy's hard summit allows great signal-bouncing between the L.A. Basin and High Desert.

Below: Top right box depicts the prime San Gabriel Mountain sites for amateur radio and many other communication uses. IMAGE: GOOGLE MAPS; REPEATER SITE DATA RESEARCH FROM COORDINATION LISTS AND SECONDARY SOURCES: DIANA FEINBERG, AI6DF



Part 4: Where the Los Angeles-area hilltop VHF/UHF amateur repeaters are...or aren't (continued)

Mt. McDill (elev. 5,190 ft.) / Hauser Peak

P=Private

Frequency	Rpt. Shift	Callsign	Location	O=Open	PL Tone	Owner
146.73	-	W6CLA	Hauser Peak	O	100.0	
445.52	-	K6LMA	Mt. McDill	O	162.2	
446.40	-	KD6PXZ	Hauser Peak	O	100.0	
147.27	+	K6CPT	Mt. McDill	C		LA Co. DCS
445.48		N6ND	Hauser Peak	PF		N6ND

Contractor's Point (elev. 3,524 ft.)

P=Private

Frequency	Rpt. Shift	Callsign	Location	O=Open	PL Tone	Owner
224.24	-	W6WAX	Contractor's Point	O	162.2	Old Foothill ARTS
224.48	-	K6VE	Contractor's Point	O	110.9	Independent Radio Club
224.52	-	KC6PXL	Contractor's Point	O	103.5	
445.16	-	W6CTR	Contractor's Point	O	100.0, 151.4	SCIRA
445.34	-	KC6JAR	Contractor's Point	O	71.9	Independent Radio Club
447.34	-	W6FRT	Contractor's Point	O	162.2	Old Foothill ARTS
447.64	-	W6JLL	Contractor's Point	O	82.5	
145.12	-	KC6PXL	Contractor's Point	P		
224.26	-	KF6HKM	Contractor's Point	P		
224.36	-	WA6TTL	Contractor's Point	P		GRONK Radio Network

Mt. Lukens (elev. 5,075 ft.)

P=Private

Frequency	Rpt. Shift	Callsign	Location	O=Open	PL Tone	Owner
145.48	-	W6AM	Mt. Lukens	O	100.0	So. Cal. DX Club
146.67	-	KD6AFA	Mt. Lukens	O	192.8	
223.90	-	W6CPA	Mt. Lukens	O	136.5	Independent RC
147.495	-1	AA6TL	Mt. Lukens	P		
224.78	-	KI6JVF	Mt. Lukens	C		
446.22		KI6IQK	Mt. Lukens	P		
447.06		WA6DYX	Mt. Lukens	P		
447.24		WA6UZS	Mt. Lukens	P		
447.96		NW6B	Mt. Lukens	P		Southwest Amateur Network
448.56		WA6ZRB	Mt. Lukens	P		
448.58		KF6JBN	Mt. Lukens	C		Korean ARA
449.22		WB6YMH	Mt. Lukens	P		
449.26		N6CIZ	Mt. Lukens	P		High Mountain Radio System
449.38	-	KI6KQU	Mt. Lukens	C		PAPA System
449.80		WB6BWU	Mt. Lukens	P		



Part 4: Where the Los Angeles-area hilltop VHF/UHF amateur repeaters are...or aren't (continued)

Verdugo Peak (elev. 3,126 ft.) / Mt. Thom

P=Private

Frequency	Rpt. Shift	Callsign	Location	O=Open	PL Tone	Owner
146.03	+	WB6ZTY	Mt. Thom	O	136.5	Crescenta Valley Radio Club
147.27	+	K6CPT	Verdugo Peak	C		LA Co. DCS
147.30	+	WA6PPS	Verdugo Peak	P		
147.36	+	K6VGP	Verdugo Peak	P		DARN
445.26		K6VGP	Verdugo Peak	P		DARN
445.38		K6CCC	Mt. Thom	P		California State RACES

Mt. Disappointment (elev. 5,963 ft.)

P=Private

Frequency	Rpt. Shift	Callsign	Location	O=Open	PL Tone	Owner
145.30	-	K6CPT	Mt. Disappointment	O	100.0	LA Co. DCS
224.30	-	K6CPT	Mt. Disappointment	O	100.0	LA Co. DCS
446.46	-	KI6DYV	Mt. Disappointment	O	100.0	AllStar, IRLP
147.36	+	K6VGP	Mt. Disappointment	P		DARN
224.56	-	K6VGP	Mt. Disappointment	P		DARN
445.80	-	WA6IBL	Mt. Disappointment	C		
446.24	-	K6VGP	Mt. Disappointment	PF		DARN

Mt. Wilson (elev. 5,710 ft.)

P=Private

Frequency	Rpt. Shift	Callsign	Location	O=Open	PL Tone	Owner
224.94	-	WA6DVG	Mt. Wilson	O	94.8	WA6DVG
445.54	-	WD6ABC	Mt. Wilson	O	123.0	(System Fusion / WIRES X)
449.20	-	W6NVY	Mt. Wilson	O	CC7	DMR– High Mtn Radio System
449.70	-	N6CIZ	Mt. Wilson	O	131.8	High Mountain Radio System
147.36	+	K6VGP	Mt. Wilson	P		DARN
445.14		WD8CIK	Mt. Wilson	P		PAPA System
446.78		WA6LWW	Mt. Wilson	C		
446.94		K6VGP	Mt. Wilson	P		DARN
448.10		K6JTH	Mt. Wilson	P		
448.42		W6ATN	Mt. Wilson	C		
448.50		WA6VLD	Mt. Wilson	C		
449.06		N6CIZ	Mt. Wilson	P		High Mountain Radio System
449.72		WA6TTL	Mt. Wilson	P		GRONK



Part 4: Where the Los Angeles-area hilltop VHF/UHF amateur repeaters are...or aren't

Santa Anita Ridge (elev. 3,320 ft.)

P=Private

Frequency	Rpt. Shift	Callsign	Location	O=Open	PL Tone	Owner
145.20	-	N6AH	Santa Anita Ridge	O	100.0	
147.765	-	W6QFK	Santa Anita Ridge	O	131.8	
224.28	-	WA6CGR	Santa Anita Ridge	O	107.2	SCEARA
445.48	-	K6TEM	Santa Anita Ridge	O	107.2	
445.50	-	N6EX	Santa Anita Ridge	P		SCEARA
447.58	-	K6JSI	Santa Anita Ridge	CF		Western Intertie Network

Johnstone Peak (elev. 3,169)

P=Private

Frequency	Rpt. Shift	Callsign	Location	O=Open	PL Tone	Owner
146.82	-	W6FNO	Johnstone Peak	O	CS	
223.98	-	W6NRY	Johnstone Peak	O	103.5	Edgewood ARS
446.40	-	WA6FZH	Johnstone Peak	O	103.5	
447.90	-	WD6AML	Johnstone Peak	O	CC1	(DMR)
448.34	-	K6OES	Johnstone Peak	O	131.8	
144.95	2.5	W6GLN	Johnstone Peak	P		Relay Repeater Club
147.27	+	K6CPT	Johnstone Peak	C		LA Co. DCS
224.80	-	W7BF	Johnstone Peak	P		SPARK
224.84	-	K6VGP	Johnstone Peak	P		DARN
446.02	-	W6FNO	Johnstone Peak	C		
446.80	-	KM6RW	Johnstone Peak	C		
447.30	-	W6NRY	Johnstone Peak	C		Edgewood Amateur Radio Society
447.50	-	W6CLA	Johnstone Peak	P		
447.60	-	K6VGP	Johnstone Peak	P		DARN
448.26	-	K6IRF	Johnstone Peak	P		(DMR)
448.84	-	K6MVH	Johnstone Peak	P		
449.12	-	N6KHZ	Johnstone Peak	C		

Sunset Ridge (elev. 3,373 ft.)

P=Private

Frequency	Rpt. Shift	Callsign	Location	O=Open	PL Tone	Owner
145.44	-	N6USO	Sunset Ridge	O	136.5	N6USO
224.16	-	K6JSI	Sunset Ridge	O	71.9	Western Intertie Network
224.90	-	WA1IRS	Sunset Ridge	O	103.5	
445.92	-	KD6AFA	Sunset Ridge	O	186.2	(IRLP)
449.14	-	W6OY	Sunset Ridge	O	100.0	
449.50	-	K9KAO	Sunset Ridge	O	100.0	
449.52	-	K6UFX	Sunset Ridge	O	100.0	Western Intertie Network
449.88	-	K6TEM	Sunset Ridge	O	146.2	(IRLP)

Sunset Ridge Private and Closed Repeaters follow on next page →



Part 4: Where the Los Angeles-area hilltop VHF/UHF amateur repeaters are...or aren't (continued)

Sunset Ridge (elev. 3,373 ft.), continued

P=Private

Frequency	Rpt. Shift	Callsign	Location	O=Open	PL Tone	Owner
146.70	-	K4ELE	Sunset Ridge	P		
147.075	+	KC6FMX	Sunset Ridge	P		
223.84		K6DLP	Sunset Ridge	C		
224.04		WA6TTL	Sunset Ridge	P		GRONK Radio System
224.20		WB6YES	Sunset Ridge	P		PAPA System
446.30		N6SIM	Sunset Ridge	P		
446.48		K4ELE	Sunset Ridge	P		
447.08		AF6HP	Sunset Ridge	P		
447.16		WA6TTL	Sunset Ridge	P		GRONK Radio System
447.46		WB6BBE	Sunset Ridge	P		
447.62		N6DD	Sunset Ridge	P		
447.72		N6DKA	Sunset Ridge	CF		CalNet
447.92		AA6TL	Sunset Ridge	P		
448.46		K6PIN	Sunset Ridge	P		Pacific Intertie Network
448.76		W6RRN	Sunset Ridge	P		Rabbit Radio Network
448.78		WH6NZ	Sunset Ridge	P		
449.00		WB6TZA	Sunset Ridge	P		
449.42		KE6TZF	Sunset Ridge	PF		Sunset Ridge Repeater Group
449.52		K6UFX	Sunset Ridge	CF		Western Intertie Network
449.88		K6TEM	Sunset Ridge	P		

Blue Ridge (elev. 8,505 ft.)

P=Private

Frequency	Rpt. Shift	Callsign	Location	O=Open	PL Tone	Owner
147.54		W6CPA	Blue Ridge	O		(D-Star) Independent Radio Club
224.02	-	KC6JAR	Blue Ridge	O	110.9	
224.14	-	N6LXX	Blue Ridge	O	94.8	
446.58		WD8CIK	Blue Ridge	P		PAPA System
447.36		K6VGP	Blue Ridge	P		DARN
447.44		KD6OFD	Blue Ridge	C		CalNet
448.38		WD6AWP	Blue Ridge	P		
449.74		WB6SLR	Blue Ridge	P		GRONK Radio System

This is all we could find about San Gabriel Mountain amateur radio repeaters. This is clearly a high-altitude dream place for repeaters...but they need to be well-engineered to resist interference with many other ham, commercial, and broadcast transmitters on the same summit. ■

Now on Amazon Prime Video: “Chesley Bonestell: A Brush With The Future” featuring PVARC member Rocco, N6KN

If you have Amazon Prime membership and use Prime Video, the latter currently is streaming the well-regarded 2018 documentary “Chesley Bonestell: A Brush With The Future” featuring our fellow PVARC member Rocco Lardiere, N6KN.

During two segments of this 1-hour, 36-minute film Rocco is shown at his Rancho Palos Verdes ham shack as he describes how Bonestell’s futuristic paintings realistically depicted spacecraft and planetary aspects long before we had detailed space photos or development of space hardware. Rocco’s portions in the film occur in a continuous segment from 49m:15s to 53m:30s and near the ending from 1h:31m:30s to 1h:32m:00s.

Chesley Bonestell lived from 1888 to 1986 with much of his vivid space-related paintings occurring in the 1940s, 50s, and 60s. In the film Rocco describes how at age 11 he purchased one of Bonestell’s books of futuristic space paintings...and still owns it. Rocco’s copy of this book is prominently featured in the film as well.

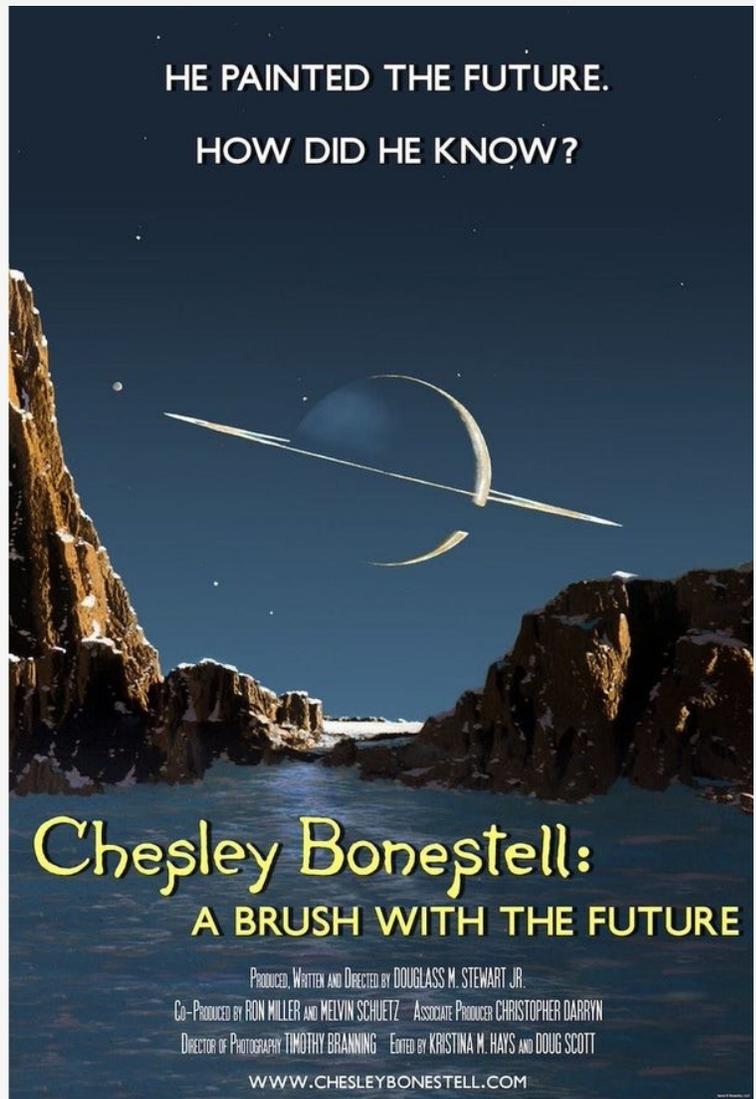
You can find more information about “Chesley Bonestell: A Brush With The Future” in the Internet Movie Database at: https://www.imdb.com/title/tt7343526/?ref=nm_knf_t1 where it has an 8.5 out of 10 rating (generally, “Excellent”).

Rocco is listed as “Rocket Engineer” in the film credits, reflecting his lengthy aerospace career spanning dozens of rocket launches.

For additional information on the film visit: <http://www.chesleybonestell.com/>

Perhaps you also remember Chesley Bonestell’s brilliantly-lit space art from your younger years? He definitely was a painter whose brushstrokes illustrated the future. ■

(Editor’s Note: In 1958 your QRO Editor received as a gift a book containing Chesley Bonestell paintings of the solar system and its planets—it was very memorable and kept for many years. Unfortunately in 1999 your Editor’s mother gave away this book along with all our other childhood books including many Curious George® and Dr. Seuss® titles.)



Above: Poster for the 2018 Douglas Stewart, Jr. film “Chesley Bonestell: A Brush With the Future” currently streaming on Prime Video.

Is there a virtual ham radio convention in your future?

Two virtual amateur radio conventions and free webinars from a cancelled ham convention will be available on your desktop or connected devices over the next three months.



First up, the pandemic-cancelled **Orlando FL HamCation** (2nd largest ham convention in the U.S.) will offer free webinars on many topics during a **February 13-14 HamCation Special Edition** when the in-person show was to run. To see the presentation subjects and sign up for the ones you want visit: <https://www.hamcation.com/> and click on Webinars.

Next, during **March 13-14** the **QSO Today Virtual Ham Radio Expo** launches its second such event. See: <https://www.qsotodayhamexpo.com/> for all the details.

The first QSO Today virtual expo last August attracted 16,000 attendees—many indicated they don't travel to major ham conventions because of cost or travel limitations. Your **QRO** Editor attended last August's show, found it very well organized, and easy to attend. One difference between then and now: last August's QSO Today was free to attend, this March it will cost \$10 for advance registration and \$12.50 "at the door." Although it's a virtual event without expenses for floor space there's still considerable expense for all the bandwidth and 3rd-party IT support. Attendees can also view any presentation for 30 days after the expo ends.



Then, during two separate weekends (**April 16-18 and April 23-25**) the International DX Convention that usually meets annually in Visalia, CA, is a virtual **International DX and Contesting Convention**. Each weekend will be a unique three day event. Details are still being worked out...check their website at: <http://www.dxconvention.com/>. The Northern California DX Club is organizing the 2021 IDXC convention in its usual alternation with the Southern California DX Club. ■



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

We say again...PVARC membership in 2021 is free for new and renewal memberships after your Board of Directors voted to waive dues this 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 14 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.

You may send your membership form to our Post Office Box address or scan and send it via email. ■

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/ 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 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 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:

QRO 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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Website: www.k6pv.org

Mailing Address:

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

Monthly Meeting:

1st 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

To order a Club jacket or patch:

Dave Scholler, KG6BPH, 310-373-8166

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Front page photo — Pt. Vicente Lighthouse shortly before sunset on February 21, 2020.

PHOTO: DIANA FEINBERG, AI6DF

PVARC Club News

PVARC upcoming dates in 2021

- ◆ **PVARC monthly meetings online via Webex**
1st Thursday each month, 7:30-9:00 pm, except in December.
(in-person meetings will resume at Hesse Park's McTaggart Hall 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 classes at Hesse Park are allowed)
- ◆ **ARRL Field Day**, June 26-27 from your home or other safe location
- ◆ **Public service events**
(TBA as public health conditions allow)
- ◆ **PVARC 2021 Holiday Dinner**, Dec. 2 at Los Verdes Golf Course, Rancho Palos Verdes

Non-PVARC Events of Note:

- ◆ **W6TRW Swap Meet** *canceled until further notice.* Northrop Grumman Space Park, North Redondo Beach.
- ◆ **Orlando Hamcation virtual seminars**, Feb. 13-14, <https://www.hamcation.com/forums-speakers>
- ◆ **QSO Today Virtual Ham Expo**, March 13-14. <https://www.qsotodayhamexpo.com/>
- ◆ **2021 Virtual International DX & Contesting Convention**, April 16-18 and April 23-25. <http://www.dxconvention.com/>
- ◆ *(now cancelled for 2021)* **Dayton Hamvention**, Xenia, OH, May 21-23. www.hamvention.org ■

WELCOME NEW MEMBERS OF THE PALOS VERDES AMATEUR RADIO CLUB IN 2020-2021

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
 Yaniv Waisman, KN6HSJ

PVARC Calendar

February 2021

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2 PVARC analog weekly net on K6PV repeater 7:30-7:55 pm	3 PVARC DMR weekly net on K6PV repeater 7:30-7:55 pm	4 PVARC Monthly Meeting 7:30-9:00 pm via Webex	5	6
7	8	9 PVARC analog weekly net on K6PV repeater 7:30-7:55 pm	10 PVARC DMR weekly net on K6PV repeater 7:30-7:55 pm	11	12	13 PVARC HF Enthusiasts Group Meeting via Webex, 10:00 am-Noon
14	15	16 PVARC analog weekly net on K6PV repeater 7:30-7:55 pm	17 PVARC DMR weekly net on K6PV repeater 7:30-7:55 pm	18	19	20 PVARC Em- Comm Interest Group Meeting via Webex, 10:00-11:00 am
21	22	23 PVARC analog weekly net on K6PV repeater 7:30-7:55 pm	24 PVARC DMR weekly net on K6PV repeater 7:30-7:55 pm	25	26	27
28	<p>For ham radio contest calendar visit: https://www.contestcalendar.com/contestcal.html</p> <p>Virtual ham convention: Orlando HamCation (Special Edition), Feb. 13-14. Free online seminars at: https://www.hamcation.com/forums-speakers</p>					



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: _____