



QRO

THE PALOS VERDES AMATEUR RADIO CLUB NEWSLETTER

OCTOBER 2024

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"End-Fed Half-Wave Antennas"

Bill Shanney, W6QR

Thursday, October 3, 2024

7:30 pm at Hesse Park and via Zoom

Hesse Park room opens 6:45 pm

Zoom online room opens 7:15 pm

Optional 5:15 pm pre-meeting no-host dinner with our guest Bill, W6QR, at the Red Onion Restaurant, 736 Bart Earle Way, Rolling Hills Estates. *Please be in the restaurant lobby by 5:15 pm.*

Saturday, October 12, 10:00 am-Noon:

PVARC HF Enthusiasts Group

meeting at Palos Verdes Library main branch
in the Conference Room

Wednesday, October 23, 7:30-8:30 pm:

PVARC VHF/UHF Enthusiasts Group

meeting via Zoom (link will be emailed)

Upcoming PVARC meeting speakers...

PVARC's October 3rd hybrid monthly meeting features **Bill Shanney, W6QR**, presenting "All About End-Fed Half-Wave Antennas." He'll be covering both the theoretical and practical aspects of these antennas which can work reasonably well in smaller areas. Bill lives in Torrance and will present to us from Hesse Park; he also recently gave this presentation at the Pasadena Radio Club and the Hughes Amateur Radio Club.

Bill (shown below) was first licensed in 1961 as WV2RDG in New Jersey. He upgraded to General Class (WA2RDG) a few months later and was active on HF CW. After earning a BSEE from New Jersey Institute of Technology (1969) and graduate work in EM theory he worked for 45 years in the aerospace industry as an RF/microwave engineer and program manager—the last 36 years with TRW/Northrop Grumman.



He was an inactive ham from 1970-1988 due to marriage, home ownership and raising a family. In 1988 he became active again and upgraded to Extra Class. Bill's main interest is CW rag chewing on 80-10M, but he also enjoys DXing and 6M sporadic E (the only SSB he does). He maintains a modest station with a 100W transceiver and wire antennas.

In recent years he has been interested in portable operation, mostly antenna design and testing. His QTH not being suitable for antenna testing, he can be found at local parks or beaches weekly with his friend N6TT doing antenna evaluations.

Our **November 7th** hybrid monthly meeting has **Dennis Kidder, W6DQ**, presenting "History of the Development of the Modern Communications Receiver"—discussing discoveries and innovations leading to the receivers we use today. Meanwhile, your **QRO** Editor has been tasked as the presenter at our **December 12th Holiday "After"-Dinner** virtual meeting and prize giveaway unless we find another speaker.

Last chance if you couldn't attend our July 3rd meeting: Our "Field Day in the South Bay" presentation is still in a shorter 15-minute video format on Zoom's website, but only until October 7, at: https://zoom.us/rec/share/nUmBcPMn5JUHKo9RwtEFEMJvblPW-wgyNHdKz1zcgKzv7B7leByMn85_XA0zKRNv.9pEPsZrQMH47gBiB – Passcode: 3?*2DRT8 ■



Second Volume of NG6R Articles

By Jerry Kendrick, NG6R

The desire in 2013 to write an article and share insights with my fellow PVARC members into the solution of a challenging technical problem [1] led me to a passionate pursuit that persists to this day. I recently submitted my 63rd article for publication in the August 2024 PVARC **QRO** monthly club newsletter [2].

After printing and collecting together a large number of my **QRO** articles over the years, it only made sense to finally abandon the loose-leaf and worn manila folder and bind them together into an easily accessible and indexed book that I could reference quickly. That book was created after **QRO** editor Diana, AI6DF, published my 41st article in May 2019. [3][4] I intentionally labeled that first book "Volume 1," a hook that would impel me to someday follow up with a "Volume 2." The more articles I write for **QRO**, the more long-winded I have become. (Verbosity, it seems, along with waistline, is one of very few personal characteristics that increases with age.) So, recently, after again seeing the growing number of pages collected together in the worn manila folder, the decision was made to finally bind together another volume, as shown in Figure 1. *Continued ►*

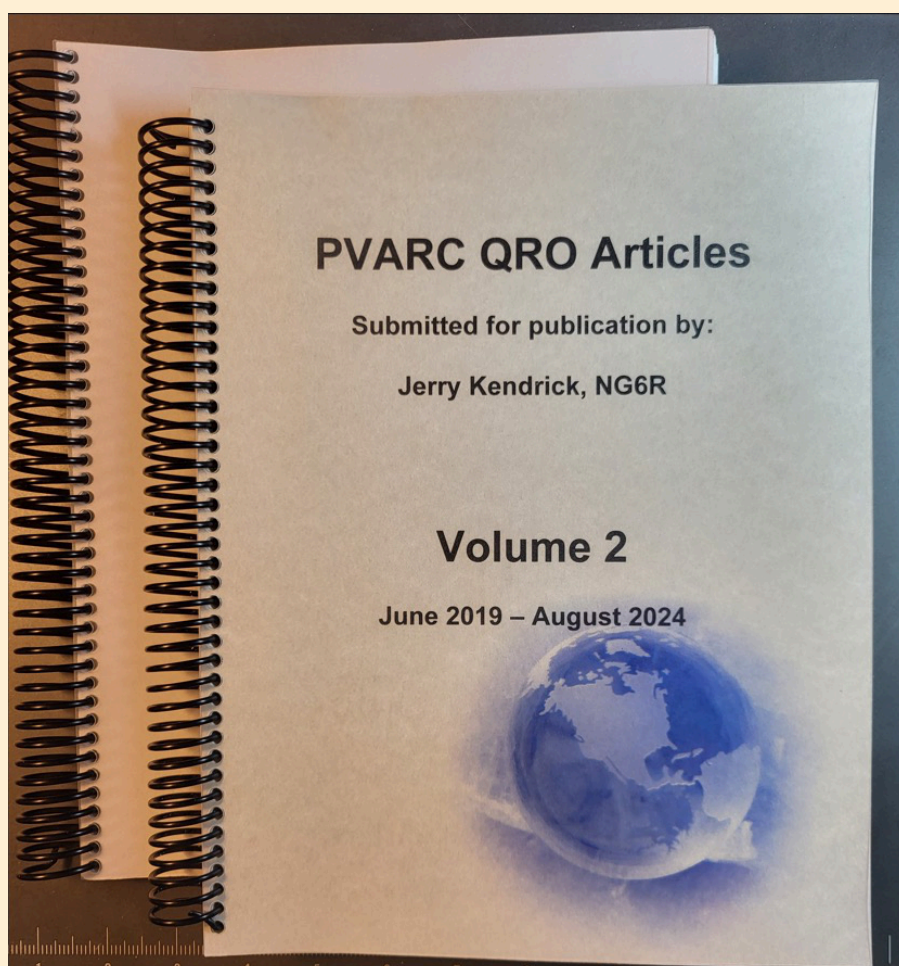


Figure 1: Atop Volume 1, here is Volume 2, articles #42 thru #63, PVARC **QRO** monthly club newsletters from June 2019 thru August 2024

Second Volume of NG6R Articles

► *Continued*

In Figure 2, taken from the June 2019 **QRO** issue, is a list of the 41 articles collected together in Volume 1 [5]:

QRO Editor's Note: Complete index of additional NG6R original articles in QRO

#	QRO Issue	Page	Title
1	Jun 2013	p. 5	Replacing Display Bulbs in Amateur Radio Equipment
2	Aug 2013	p. 8	An Easy PL-259 Connector Installation Trick You Can Do
3	Sept 2013	p. 6	Additional Thoughts On CW...
4	Sep 2013	p. 7	...And Two Morse Key Restoration Projects Demonstrate The "Wire Wheel" Method Works Quite Well
5	Nov 2013	p. 10	A Ham Radio Test Long Remembered: An Unexpected Comment from the FCC
6	Dec 2013	p. 8	Populating Memories in Your VHF/UHF Radio
7	Feb 2014	p. 7	Helpful Hint: Making a VHF/UHF homemade Yagi antenna more portable
8	Mar 2014	p. 7	Morse code is fading away . . . Do something about it!
9	Apr 2014	p. 8	You can work rare DX stations with high-speed CW . . . even if your Morse speed is 8-12 words per minute
10	Jun 2014	p. 6	Eliminating Pesky Adjacent Band Interference in Multi-Station Operations (Catalina IOTA, Field Day, ILLW)
11	Jan 2015	p. 8	"...No such thing as a free lunch" applies to much in life--but sometimes a radio is indeed close to "free"
12	Jul 2015	p. 10	Summits on the Air (SOTA)--A fun ham radio pursuit
13	Apr 2016	p. 5	A Matchbox Design Example (A practical solution to a real-world ham radio problem)
14	Jul 2016	p. 8	Operating with High SWR...just don't forget the matchbox
15	Aug 2016	p. 4	Good question: Why doesn't my VHF/UHF radio have an antenna tuner?
16	Oct 2016	p. 5	Installing Voltage/Current Meter on a DC Power Supply
17	Dec 2016	p. 8	HF Triplexer for the PVARC's Catalina IOTA DXpedition
18	Jan 2017	p. 9	Put some "spice" in your radio and electronics life
19	Apr 2017	p. 5	A bit of HF trivia...but not so trivial after all
20	May 2017	p. 7	Impedance in polar coordinates--not such a complex topic! (Or, is it?)
21	Jul 2017	p. 8	Smith Charts
22	Aug 2017	p. 7	Understanding Resistance, Capacitance, Inductance, Reactance and Impedance
23	Sep 2017	p. 6	USB microscopes are ready for your project's "close-up"
24	Oct 2017	p. 5	Powered speaker, the easy way (plus, an even <u>easier</u> way!)
25	Dec 2017	p. 7	VHF/UHF Antenna Repair Techniques
26	Jan 2018	p. 7	Inexpensive Software Defined Radio Receiver
27	Feb 2018	p. 9	Homemade 17-meter two-element Yagi Antenna
28	Mar 2018	p. 7	Test Fixture for DC Power Supplies
29	May 2018	p. 5	Great Study Aid for Upgrading Your Ham License
30	Jul 2018	p. 11	Astron Linear DC Power Supplies. Part 1, Basic operation and common failure modes
31	Aug 2018	p. 9	Another Matchbox Design Example
32	Sep 2018	p. 6	Astron Linear DC Power Supplies. Part 2, Troubleshooting and repair example, RS-12A
33	Oct 2018	p. 5	Fiat Lux! (Adding LEDs into your next project)
34	Oct 2018	p. 10	Heathkit SB-200 HF linear amplifier for sale
35	Nov 2018	p. 6	Desoldering technique using wicking, Helpful technical hint
36	Dec 2018	p. 7	Adjusting an HF Amplifier Input Impedance
37	Feb 2019	p. 5	Optimizing performance of a 2-port RF device (When a network analyzer is not available!)
38	Mar 2019	p. 5	CW Keyer Renewal with Arduino
39	Apr 2019	p. 3	Chronicle of a DMR Newbie
40	May 2019	p. 4	Catalina Phantom in FT8
41	May 2019	p. 8	FT4, a faster HF digital mode, has just been announced

Figure 2. Table of contents of Volume 1, with reference to the page number within the respective monthly newsletter in which each article was published.

The table of contents for Volume 2 covering the period from June 2019 (article #42) thru August 2024 (article #63) is shown in Figure 3.

Although my passion for writing cogent technical articles was the primary motivation for creating these submissions, I never forgot the real purpose of getting these ideas into print, viz., so that fellow PVARC members might benefit from reading them. *Continued* ►

Second Volume of NG6R Articles

► Continued

Amateur radio is immensely diverse, with too many intellectual and operational pathways to explore in a lifetime of learning. This is the dilemma for a writer. How to select the next topic? But the more troubling concern is, "What if I wrote an article that no one wants to read?" So please look over both lists to see if there are any articles that you'd like to scan or subjects that you'd enjoy delving into. I would be immensely gratified on learning that one or more of these articles, which might have been overlooked when originally published, now triggers an interest and the pursuit of some new aspect of this wonderful hobby that we share.

Remember that all issues of the monthly **QRO** newsletters going back to 2007 can be found conveniently online. [6] When you identify an article that you'd like to read, just click on the URL in Reference #6 below, find the year and then the month of publication, click on the **QRO** issue and scan down to the page number indicated in the tables.

No, the book volumes are not available for purchase or gifting. I did discover recently that if the monthly **QRO** PDFs listed in the two tables are pulled onto a flash drive from the club's website, certain printers (such as those at Staples, using self-service) can access an article within a PDF and render color printouts of just the desired pages. A 200-page book in color (in 2024) would cost about \$150 plus a few dollars more for spiral binding.

#	QRO issue	Page	Title
42	Jun 2019	p. 4	Wall Wart Voltage Regulator
43	Jul 2019	p. 8	Wireless-remote-controlled RF Switch for HF antennas
44	Aug 2019	p. 6	HF Triplexer Upgrade for PVARC
45	Feb 2020	p. 7	Code Practice Oscillator: inexpensive and easy to build
46	Mar 2020	p. 5	Position Locator using GPS
47	May 2020	p. 4	Repair of an HF/VHF/UHF Transceiver
48	Jun 2020	p. 4	Gadgets for Electronics and Amateur Radio Hobbyists--A Series; Gadget #1: Semiconductor Tester
49	Jul 2020	p. 5	Clarification of HF Band-mode Convention (LSB vs. USB)
50	Aug 2020	p. 6	DDS VFO
51	Sep 2020	p. 5	WSPR--one-way ham radio
52	May 2021	p. 3	PVARC's Newest Ham Radio Family--Meet the Remingtons
53	Sep 2021	p. 5	A useful "how-to" technique: Separating coax conductors
54	Mar 2022	p. 5	LCWO, LEARN CW ONLINE
55	Apr 2022	p. 5	Charging/powering a laptop computer . . . off-the-grid, Three methods
56	May 2022	p. 4	Gadgets for Electronics and Amateur Radio Hobbyists--A Series; Gadget #2: PC storage oscilloscope
57	Dec 2022	p. 5	Powering "Inaccessible" Appliances During Power Outages
58	Feb 2023	p. 4	A Flex Radio Repair Adventure . . . (Here we go again!)
59	Apr 2023	p. 4	Signal Adapter Construction on a Large Scale, Part 1. Requirement
60	May 2023	p. 6	Signal Adapter Construction on a Large Scale, Part 2. Meeting the Challenge
61	Jul 2023	p. 4	AllStarLink connectivity--the easy way
62	Mar 2024	p. 3	RF Line-of-Sight Elevation Profiles
63	Aug 2024	p. 4	Portable HF Radio Battery Operation and Capacity Assessment

Figure 3. Table of contents of Volume 2, with reference to the page number within the respective monthly newsletter in which each article was published.

References

1. Page 5, <http://www.n6rpv.net/pvarc/2013QRO/QROJun2013.pdf>
2. Page 4, http://www.n6rpv.net/pvarc/2024QRO/QRO_Aug_2024.pdf
3. Page 8, http://www.n6rpv.net/pvarc/2019QRO/QRO_May_2019.pdf
4. Page 8, http://www.n6rpv.net/pvarc/2019QRO/QRO_Jun_2019.pdf
5. Page 7, http://www.n6rpv.net/pvarc/2019QRO/QRO_Jun_2019.pdf
6. http://www.n6rpv.net/pvarc/qro_archive.htm ■

Thank you to everyone who joined or renewed their PVARC membership in 2024

Here's our latest roster of PVARC members as of September 28, 2024—and thank you for being associated with our club. If you joined or renewed and do not see your callsign please let us know. ■

AB6G	KA6MJR	KM6LGU	W6BMD
AB6SY	KA6ZTO	KM6LGX	W6DLD
AB9A	KB9ENS	KM6YGS	W6GEZ
AC6RM	KC6NNV	KN6FYU	W6HIP
AC6RM-XYL	KC6REZ	KN6FYW	W6HIP-XYL
AC6RW	KC6ROX	KN6QHJ	W6JLK
AF6VT	KE6GFR	KN6UMQ	W6KCV
A16BA	KE6PMN	KN6UMV	W6KCV-XYL
A16DF	KE6SGP	KN6WJR	W6MO
A16GP	KE6WWE	KN6YDX	W6OQ
AJ6HZ	KF6MYQ	KN6YSJ	W6PBH
AK6CZ	KF6QFG	KO6BVD	W6YBW
K0MZ	KF6QFH	KO6CIA	W6YBW-XYL
K1DFO	KF6VTN	KO6CIK	WA6AJC
K5LAX	KG6BNN	KO6MD	WA6AJC-son
K6BRN	KG6BPH	KO6RC	WA6ESC
K6CTT	KG6RH	KO6S	WA6LKV
K6DAH	KI6EAI	KO6ZC	WA6MEM
K6DKC	KI6GUY	N6AA	WA6NSR
K6DKC-XYL	KI6HQX	N6CCD	WA6OWM
K6DMO	KI6LJM	N6GVP/DJ0IX	WA6OWM-XYL
K6EXY	KI6RRD	N6HE	WA6WV
K6GHL	KI6SPA	N6HMR	WB6ZJD
K6JEY	KI6SUA	N6HMS	WD6Y
K6JW	KI6TEQ	N6IDN/DK3FF	WG6E
K6JW-XYL	KI6YMD	N6KK	WJ1P
K6KSY	KJ6CAU	N6KN	WW6WW
K6LH	KJ6CBA	N6MDC	
K6MU	KJ6VWN	N6MN	
K6NT	KJ6WZE	N6NNW	
K6SY	KJ6YCM	N6ZHR	
K6UU	KK6EWB	NA6Q	
K9BGC	KK6KCH	NA6Z	
KA6JMR	KK6TXN	NG6R	
KA6JWR	KM6ATI	NT6E	
KA6LJR	KM6DQU	NZ6L	

PVARC short news items

K6PV/6 hopes to ride the waves again...

The PVARC continues planning a possible 4.5-day "Islands On The Air" Catalina Island DXpedition at Two Harbors in February or March 2025. We'd like to determine possible interest too...so please let our DXpedition leader Steve, K6NT, know at s.mandich@yahoo.com if this sounds of interest to you. There's no commitment required at this time as there's no firm date or announced details.

Steve recently visited Two Harbors again on another trip and found the cabins we use still haven't had exterior renovations, although the covered outdoor kitchen area has. The campground staff said some work there might continue into Spring. Steve also photographed the dinner menu at Harbor Reef Restaurant (Two Harbors' only restaurant) and full dinners with a beverage are now in the \$45 to \$70 range (including taxes, island fee, and tip). We probably won't be eating there every night, instead making several nights' dinners with food we bring. However, it's worth noting this restaurant's food is very good and we've had great times there after busy days of DXing.

We generally seek 8-10 DXpedition members to shoulder our equipment load, setup/takedown, and operations. Newer hams are also welcome as there's much to learn and try. Two Harbors is less than 26 miles across the sea but being there is like being in another world. ■

PVARC turns 50 next July...

We're going for the gold when the PVARC celebrates its 50th anniversary in July 2025 with a special program at that month's meeting. Our July 2015 monthly meeting commemorated the PVARC's 40th anniversary with recollections of our earliest years from charter club members and others involved during the 1975-76 era. Many of those members are now Silent Keys or live in retirement elsewhere but we still have much to recount from subsequent years. Further info as the date nears. ■

Is there a Winter Field Day in your future?



PVARC's HF Enthusiasts Group attendees recently floated the possibility of our club operating during Winter Field Day, Jan. 25-26, 2025 (<https://winterfieldday.org/>). This non-ARRL operating event is growing in popularity and was conceived to also show amateur radio's emergency communication capability in colder weather. We'll be asking PVARC members if there's sufficient interest to participate.

Shown at left is the Winter Field Day Association's fanciful official logo...sorry, no polar bear hams on skis will be at any Palos Verdes Peninsula site. ■



PVARC HF Enthusiasts Group covered wide-ranging topics on September 14, with more to follow this month on October 12

By Neal Pollack, AB6G

The PVARC HF Enthusiasts group met on Saturday, September 14, at the PV Library with a full house.

Topics of discussion included:

- + End Fed Half Wave Antennas
- + HF Propagation
- + DXpeditions, remote operating, and FT8 SuperFox mode.
- + FT8 weak signal vs. what RF power levels and why.
- + Helping new hams and those new to HF with antenna installs.
- + Portable operation, larger Lithium Iron Phosphate battery packs and experiences.
- + Solar Panel installs vs. Ham Radio RFI
- + 1/4 wave portable vertical antennas, radials, setup speed, and power levels.
- + RFI, noise, and high power stations nearby.
- + Improved microphones and headphones for HF radio use.
- + Ham swap meet in Huntington Beach each month on the same day as the HF meeting.

Show and Tell: The following were brought in, shared and discussed:

- + Mil Spec Laptop, Panasonic ToughBook, for field operations.
- + JNC Radio MC-750 Rapid Setup 1/4 Wave vertical antenna and radials.
- + Wolf River SB-1000 Platinum TIA - High Power 1/4 wave vertical kit.
- + Live 12.8V 50AH lithium Iron Phosphate Battery Box and attachments -
(Testing ran 5 hours using FT-DX10 on FT8 @ 60 watts, and only used half the battery capacity)
- + 12 volt cigarette lighter socket charger for laptop, for use during POTA or portable ops.
- + Laptop demonstrating Neal's (AB6G) HF BandMap free software (available for free download on the [QRZ.COM](https://www.qrz.com/db/ab6g) page of AB6G, <https://www.qrz.com/db/ab6g>). ■

PVARC 2024 upcoming events

- **PVARC hybrid monthly meetings online via Zoom and in-person as announced**

1st Thursday each month, 7:30-9:15 pm, except August and December

- **PVARC HF Enthusiasts Group meetings in-person at Palos Verdes Library main branch**

2nd Saturdays, 10:00am-Noon

- **PVARC VHF/UHF Enthusiasts Group online meetings via Zoom**

4th Wednesdays, 7:30-8:30 pm

- **Walt Ordway K1DFO Technician and General amateur radio license classes at Hesse Park**

Saturdays, Nov. 2 & 9 in November 2024; 9:30 am to 5:00 pm; Exams, Nov. 16, 10am-Noon

- **PVARC 2024 Holiday Dinner or virtual "After-Dinner", December 12**

- **Weekly PVARC nets, K6PV repeater – 447.120 MHz:**

Analog FM: Tuesdays, 7:30-7:50 pm, Tone Squelch (CTCSS), PL 100.0; 2-meter crosslink for Palos Verdes westside, 144.910 Mhz simplex, Tone Squelch (CTCSS), PL 156.7

Digital DMR: Wednesdays, 7:30-8:00 pm; RX on 447.120, TX on 442.120; Color Code 1, Time Slot 2, Talk Group 31060

Non-PVARC Events of Note:

- **W6TRW Swap Meet**, last Saturday each month, 7:00-11:30 am. Northrop Grumman parking lots, Aviation Blvd./Marine Ave., North Redondo Beach. VE license testing in Building S-2 at 10:00 am.
- **California QSO Party, Oct. 5-6, 2024—website:** <https://www.cqp.org/>
- **Arizona QSO Party, Oct. 12-13—website:** <https://www.azqp.org/>
- **PACIFICON, ARRL Pacific Division Convention: October 18-20, 2024.** San Ramon Marriott, San Ramon, CA; website: www.pacificon.org

Become an ARRL member: support amateur radio while increasing your learning

Please join the American Radio Relay League (ARRL) if not already 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, which requires that at least 51% of club members be ARRL members.

Annual ARRL membership costs \$59 and includes digital access to all four ARRL periodicals (**QST** magazine, **On The Air** magazine, **National Contest Journal**, and **QEX** magazine focusing on advanced technical topics.) Subscriptions to printed copies of ARRL publications are available at additional charge.

All ARRL members can access numerous web-based materials, ARRL staff, and assistance with ham radio issues. Visit: www.arrl.org/. ■

Need a PVARC badge?

If you would like a new or replacement engraved PVARC badge contact Gary Lopes at wa6mem@cox.net and he will make arrangements for your payment and sending your new badge. Badges cost \$13. ■

Embroidered PVARC patches available

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

Patches are available at Hesse Park during our monthly meetings or contact Diana, AI6DF, ai6df@arrl.net and we'll find a way to get yours to you. ■



About Us...

Welcome to the Palos Verdes Amateur Radio Club, K6PV.

Founded in 1975, today our 150+ members hail from every city in Los Angeles County's South Bay region...and beyond.

Our club fosters diverse ham radio interests including public service, DXing, contesting, digital modes, and electronic experimentation.

We also teach license classes several times annually and gladly assist newer hams in understanding amateur radio technology or procedures.

Many PVARC members serve in the government-affiliated disaster amateur radio groups for the South Bay's cities and Los Angeles County. We also provide public service communication at no charge to sponsors of community and running events.

No matter where you are along your ham radio journey you are welcome as a PVARC member. ■

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	Don Putnick, NA6Z
Secretary	Ron Wagner, AC6RW
Directors	Clay Davis, AB9A
	Gary Lopes, WA6MEM
Past Vice President	Bob Sylvest, AB6SY

Appointed Offices:

QRO Editor	Diana Feinberg, AI6DF
K6PV QSL Manager	Jeff Wolf, K6JW
K6PV Trustee	Mel Hughes, K6SY
LAACARC Delegate	Jeff Wolf, K6JW
VE Coordinator	Dave Scholler, KG6BPH
VE ARRL Liaison	Jerry Shaw, KI6RRD
Net Control Operators:	Rick Heaston, KG6RH;
	Ron Wagner, AC6RW; Dale Hanks, N6NNW; Bob
	Sylvest, AB6SY; Malin Dollinger, KO6MD; Dave Turner,
	KM6LGX; Jerry Shaw, KI6RRD; Gary Lopes, WA6MEM;
	Clay Davis, AB9A; Derek Okada, K6DMO

Contact us:

QRO Editor: 310-544-2917, ai6df@arrrl.net

Email: k6pv@arrrl.net

Website: www.k6pv.org

Postal Address:

Palos Verdes Amateur Radio Club

PO Box 2316

Palos Verdes Peninsula, CA 90274-8316

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

Club badges: Gary Lopes, WA6MEM, wa6mem@cox.net

Club jackets or patches: Dave Scholler, KG6BPH,
310-373-8166

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Front page photo — Pt. Vicente Lighthouse beginning its overnight duty on August 19, 2016, during International Lighthouse & Lightship Weekend.

PHOTO: DIANA FEINBERG, AI6DF

PVARC CALENDAR OF EVENTS

OCTOBER 2024

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1 K6PV analog net, 7:30 pm	2 K6PV DMR net, 7:30 pm	3 PVARC hybrid monthly meeting, 7:30 pm at Hesse Park and via Zoom	4	5 California QSO Party contest, https://www.cqp.org/
6 California QSO Party contest, https://www.cqp.org/	7	8 K6PV analog net, 7:30 pm	9 K6PV DMR net, 7:30 pm	10	11	12 HF Enthusiasts Group meeting, PV Library, 10 am
13	14	15 K6PV analog net, 7:30 pm	16 K6PV DMR net, 7:30 pm	17	18	19
20	21	22 K6PV analog net, 7:30 pm	23 VHF/UHF Enthusiasts Group meeting via Zoom, 7:30-8:30 pm	24	25	26 W6TRW Swap Meet, Northrop Grumman, N. Redondo Bch. 7:00-11:30 am
27 PVARC at the Prepared Peninsula Expo, PV Peninsula HS, 10am-1pm	28	29 K6PV analog net, 7:30 pm	30 K6PV DMR net, 7:30 pm	31 Halloween... come as you aren't		



Palos Verdes Amateur Radio Club

P.O. Box 2316

Palos Verdes Peninsula, CA 90274

<http://www.k6pv.org>

Fillable PDF form is downloadable from PVARC website at: http://www.n6rpv.net/n6rpvpage/pvarc/membership_form.pdf

MEMBERSHIP FORM

New ☐

Renew ☐

Date

Last Name First Spouse

Street Address

City State Zip

Home Phone Work Cell

Email address

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

License Call

Class

ARRL Member? ☐

Other amateur radio groups you belong to

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

Last First Call Class ARRL? ☐

Last First Call Class ARRL? ☐

Last First Call Class ARRL? ☐

Membership (\$20 Individual, \$25 Family) \$

(Optional) donation to support PVARC activities \$

TOTAL \$

Paypal to recipient
PVARC90274@gmail.com
Go to www.paypal.com

Cash ☐

Check made payable to
Palos Verdes Amateur Radio
Club

Check #

Please email completed form to PVARC90274@gmail.com or print and mail to the address at top. Dues based on January 1st to December 31st year.
By submitting this application/renewal you agree to the Club's constitution and by-laws, available on-line at: <http://www.n6rpv.net/n6rpvpage/pvarc/constitution.pdf>.

Free Amateur Radio (HAM) Training Courses



Two Free Amateur Radio Courses

Nov 2 and Nov 9, 2024

Technician Class License (entry level) 9:30 AM to 1:15 PM both Saturdays (bring your own lunch)

General Class License 1:30 PM to 5:00 PM both Saturdays

The FCC tests will be 10:00 AM to noon on Nov 16, 2024

Whether for emergency communication, communicating around the world, or learning a bit about electronics, there's nothing else like amateur radio (also known as "ham radio"). Amateur radio operators have long provided communications "when all else fails" during disasters. With a short course you can join over 710,000 men women and children in the United States from all walks of life who are licensed to operate ham radios. At the start of the Technician license course, a member of the Palos Verdes Amateur Radio Club will give a 30-minute presentation on what ham radio is all about and the many benefits of being a "ham" operator.

The class location is: Fred Hesse Community Park, 29301 Hawthorne Blvd., Rancho Palos Verdes, CA 90275. **Confirm your attendance to Walt, K1DFO at waltfordway@juno.com**

Walt charges no fee for either/both course(s). Taking the FCC test is \$15. After passing the Technician test the FCC will send you an e-mail for paying its \$35 license fee and then they will assign you your amateur radio call sign... and you're good to go!

Optional Materials (sold at cost) Gordon West books with all the FCC test questions, \$30 for the Technician and \$33 for the General. Paper copy of Walt's class Power Point charts: \$29 for the Technician and \$26 for the General.

Everyone who obtains their first ham radio license through a PVARC VE test session, regardless of age, will receive a free membership in the Palos Verdes Amateur Radio Club for the remainder of the current calendar year.

For courses sponsored by the Palos Verdes Amateur Radio Club, students through grade 12 who pass their examination at a PVARC test session will, upon application to the Club, be eligible for reimbursement for up to a maximum of \$85 to cover their cost of materials and the examination fee.