



QRO

THE PALOS VERDES AMATEUR RADIO CLUB NEWSLETTER

SEPTEMBER 2024

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Amateur Radio's Parks On The Air® (POTA)

Jim Nadal, K6MU

Thursday, September 5, 2024

7:30 pm at Hesse Park and via Zoom

Saturday, September 14, 10:00 am-Noon:

PVARC HF Enthusiasts Group meeting at
Palos Verdes Library main branch in the
Conference Room

Wednesday, September 25, 7:30-8:30 pm:

PVARC VHF/UHF Enthusiasts Group meeting
via Zoom (link will be emailed)

Upcoming PVARC meeting speakers...

Our **September 5th hybrid monthly meeting at Hesse Park and via Zoom** features PVARC member Jim Nadal, K6MU, presenting Parks On The Air®. Like Summits On The Air, Parks On The Air® has a well-developed program (homepage at <https://parksontheair.com/#>) attracting increasing interest. Eligible parks for activating are only those owned by state, provincial, or national governments. Privately-owned and local government parks are excluded.

Jim will bring to Hesse Park his complete POTA set-up with transceiver, power supply, antenna, and other items for everyone to see. If there's sufficient interest an activation at a nearby California State Park, such as Bolsa Chica, might happen at a later date.

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 has also recently given this presentation at the Pasadena Radio Club and the Hughes Amateur Radio Club. Bill worked 45 years in the aerospace industry as an RF and microwave engineer plus as program manager, serving his final 36 years at TRW/Northrop Grumman.

Our **November 7th hybrid monthly meeting** speaker will be announced soon. Meanwhile, your **QRO** Editor has been tasked as the presenter at our **December 12th Holiday "After"-Dinner** virtual meeting and prize giveaway unless another speaker is found.

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 until October 7 at: <https://zoom.us/rec/share/nUmBcPMn5JUHko9RwtEFeMJvbIPW-wgyNHdKz1zcgKzv7B7leByMn85XA0zKRNv.9pEPsZrQMH47gBiB> – Passcode: 3?*2DRT8 ■

THE PALOS VERDES AMATEUR RADIO CLUB PRESENTS



RPV's land movement forces more utility shutoffs but there's still excellent wireless communication at many levels

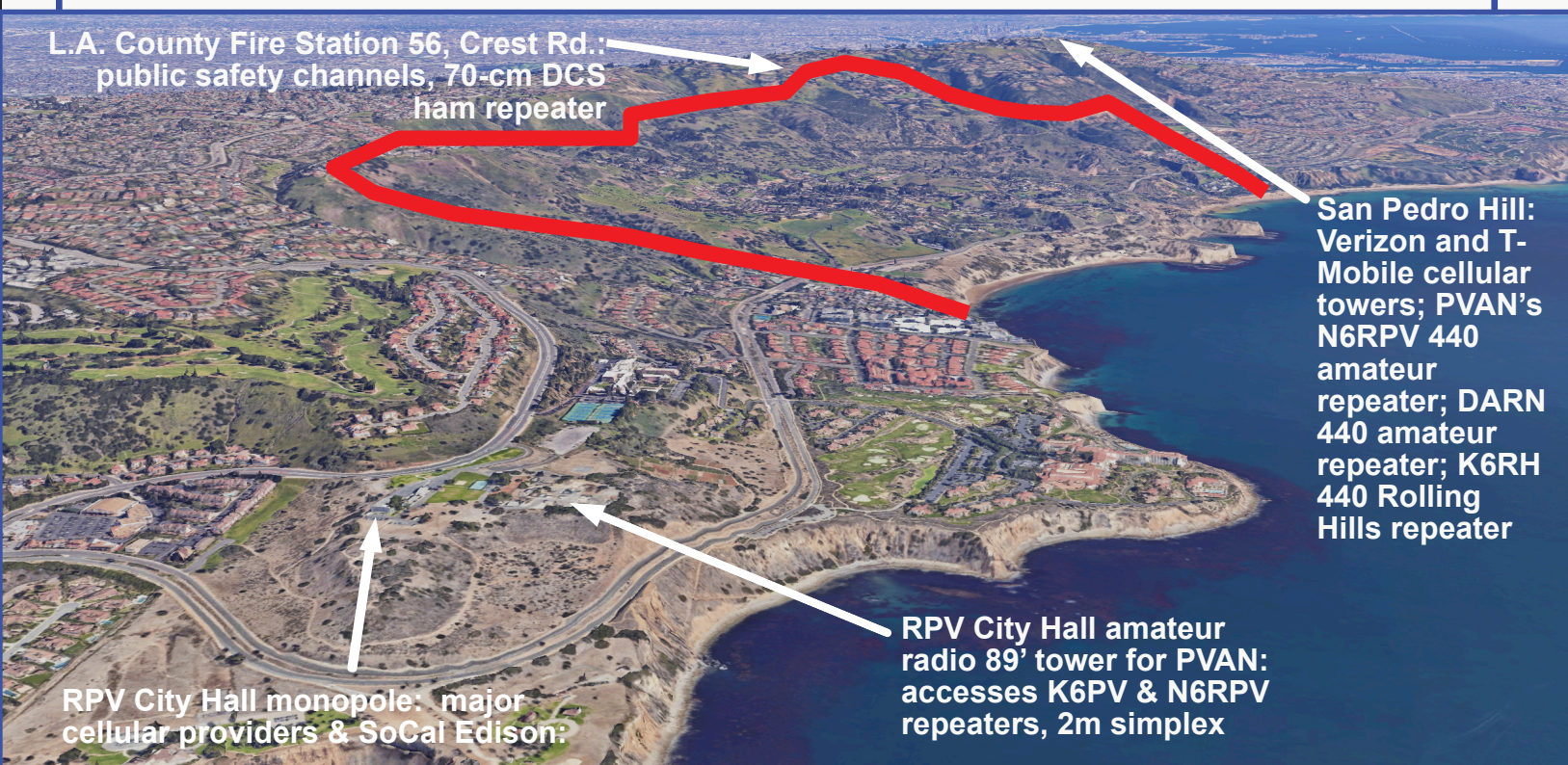
Land movement in Rancho Palos Verdes has always been a matter of time for a portion of this city. But reporting of recent RPV utility shutoffs and earth movement has incorrectly sent some people outside our area into overtime believing most of the city is affected. The reality is less than 2% of RPV's housing units are impacted—but we still feel deeply for these fellow residents.

Your **QRO** Editor (in another capacity) was asked on August 31 by an out-of-area ham if the ARRL's National Traffic System should be implemented to handle health and welfare traffic on behalf of RPV residents. Although NTS might be appropriate if a wide-scale disaster disables most communications that's not the case with RPV's land movement.

In fact, excellent wireless communications at commercial (including cellular), governmental, and amateur radio levels are still very functional covering Portuguese Bend and the Peninsula's adjacent westside areas.

As shown below, the three major cellular providers and RPV's PVAN ham radio group have excellent westside coverage from either major towers at Rancho Palos Verdes City Hall or atop 1,480-foot San Pedro Hill, plus some unaffected small cell sites along PV Drive South. At the amateur radio level, RPV's Emergency Communication Center has an 89-foot tower with mast reaching to 112 feet. Almost all the PVAN members instrumental in developing PVAN and building the RPV ECC were or still are PVARC members. As reported in the August 2024 **QRO** only one infrequent Technician ham operator is currently in the Portuguese Bend slide area.

Meanwhile, Los Angeles County Fire Station 56 on Crest Road in Rolling Hills overlooking the landslide zone has public safety antennas serving Sheriff and Fire, plus a 70-cm amateur repeater for hams in the Los Angeles County Disaster Communication Service. *Continued on next page ►*



L.A. County Fire Station 56, Crest Rd.:
public safety channels, 70-cm DCS
ham repeater

San Pedro Hill:
Verizon and T-
Mobile cellular
towers; PVAN's
N6RPV 440
amateur
repeater; DARN
440 amateur
repeater; K6RH
440 Rolling
Hills repeater

RPV City Hall monopole: major
cellular providers & SoCal Edison:

RPV City Hall amateur
radio 89' tower for PVAN:
accesses K6PV & N6RPV
repeaters, 2m simplex

ABOVE: 2024 Portuguese Bend land movement area outlined in red and functioning key communication sites in white.
BASE MAP IMAGE: Google Maps; INFO OVERLAY: Diana Feinberg, AI6DF

RPV's land movement forces more utility shutoffs but there's still excellent wireless communication at many levels

► *from previous page*

December 2024 will mark 20 years since the Rancho Palos Verdes City Council approved funding and siting for an amateur radio RPV Emergency Communication Center (ECC) on the Civic Center grounds. The RPV ECC was completed in 2007 with PVARC members contributing their labor to finish all interior aspects (other than AC wiring which required a licensed electrician); hams also donated time to perform certain exterior work too.

All hams residing in Rancho Palos Verdes are encouraged to become PVAN members and check in during PVAN's Monday night nets from 7:00-7:30 pm. Most PVAN members will stay within their neighborhoods during disaster situations; some will have access to the ECC along with training to operate there.

PVAN members may also apply to serve in the Los Angeles County Disaster Communications Service which is overseen by the Sheriff's Department and offers many additional benefits/opportunities. The DCS unit at the Lomita Sheriff Station also engages with PVAN in nets, drills, and actual emergencies.

To join PVAN visit <http://www.n6rpv.net/pvan/index.htm> and see photos of the RPV ECC's construction at: http://www.n6rpv.net/pvan/communications_center.htm (a few pages are shown below from PVAN's site).■

— By Diana Feinberg, AI6DF



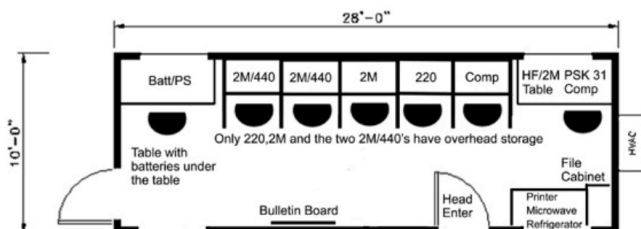
[Home](#) • [Facility](#) • [Operations](#) • [Emergency Plan](#) • [Calendar](#) • [Application](#) • [Organization](#) • [Contacts](#)

The RPV Emergency Communications Center

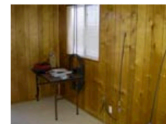
In 2004 a citizen's Emergency Preparedness Committee was established by the Rancho Palos Verdes City Council. The charter of the committee is to advise and assist the City Council and staff to ensure that the City of Rancho Palos Verdes develops and maintains a high state of readiness to respond to a wide variety of emergencies and disasters.

Late in that year a presentation was made on the need for expanding the disaster communications at the neighborhood level and the upgrading of the present Disaster Communications Center which at the time was housed in a small utility and air conditioning room located in the Channel 33 studio at the City Hall complex.

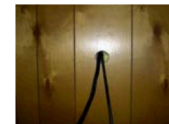
Based upon that recommendation, a facility plan was presented to the City Council and approved in December of 2004. The plan called for a new ten foot by 28 foot modular office with a 50 foot tower (now approved for a 112 foot tower and antenna) to be located in back of the present Channel 33 building. The facility would have HF, UHF and VHF as well as emergency back up power capability.



Wiring the Facility



Temporary operating station

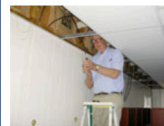


Internal wall wiring



Antenna cables

Starting the wiring of the facility



Dale and Rick stringing the antenna cable



Rick attaching a connector



Herb mounting a wall plate



Marty and Rick running the final antenna cables



Dale under the floor running DC power cables



Herb mounting the antenna wall plates



Marty running HF cables



Rick running the HF cables



Jon preparing cables



Glen and Dale working on cable terminations

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

Here's our latest roster of new and renewed PVARC members as of September 1, 2024—and thanks for being with our club. If you joined or renewed and do not see your callsign below 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	W6KCV
AF6VT	KE6GFR	KN6UMQ	W6KCV-XYL
A16BA	KE6PMN	KN6UMV	W6MO
A16DF	KE6SGP	KN6WJR	W6OQ
A16GP	KE6WWE	KN6YDX	W6PBH
AJ6HZ	KF6MYQ	KN6YSJ	W6YBW
AK6CZ	KF6QFG	KO6BVD	W6YBW-XYL
K0MZ	KF6QFH	KO6CIA	WA6AJC
K1DFO	KF6VTN	KO6CIK	WA6AJC-son
K5LAX	KG6BNN	KO6MD	WA6ESC
K6BRN	KG6BPH	KO6RC	WA6LKV
K6CTT	KG6RH	KO6S	WA6MEM
K6DAH	KI6EAI	KO6ZC	WA6NSR
K6DKC	KI6GUY	N6AA	WA6OWM
K6DKC-XYL	KI6HQX	N6CCD	WA6OWM-XYL
K6DMO	KI6LJM	N6GVP/DJ0IX	WA6WV
K6EXY	KI6RRD	N6HE	WB6ZJD
K6GHL	KI6SPA	N6HMR	WD6Y
K6JEY	KI6SUA	N6HMS	WG6E
K6JW	KI6TEQ	N6IDN/DK3FF	WJ1P
K6JW-XYL	KI6YMD	N6KK	WW6WW
K6KSY	KJ6CAU	N6KN	
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

Pleasant Valley Amateur Radio Club

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[Home](#) > [About](#)

About

The **Pleasant Valley Amateur Radio Club** network's are available to any licensed Amateur Radio operator with priority given to emergency traffic, NETs and special events or activity. When the need arises, the Ventura County ACS/ARES organization has priority use and control of the repeater network

New members are always welcome, subject to approval. You must obtain a recommendation in writing from an existing member.

Membership is \$125.00 dollars per year. With membership and once trained you will have the ability to link/unlink individual repeaters for localized conversations. Membership included access to the the 2Mtr remote base and remote HF station.

System support through a general donation is always accepted and appreciated.

For more information please send an email to:

[Please send me more information](#)

WD6EBY at ARRL dot NET

Left: Screenshot from website of the other PVARC in Southern California (Ventura County). You may join this repeater club for \$125 annually if another member can provide a recommendation letter.

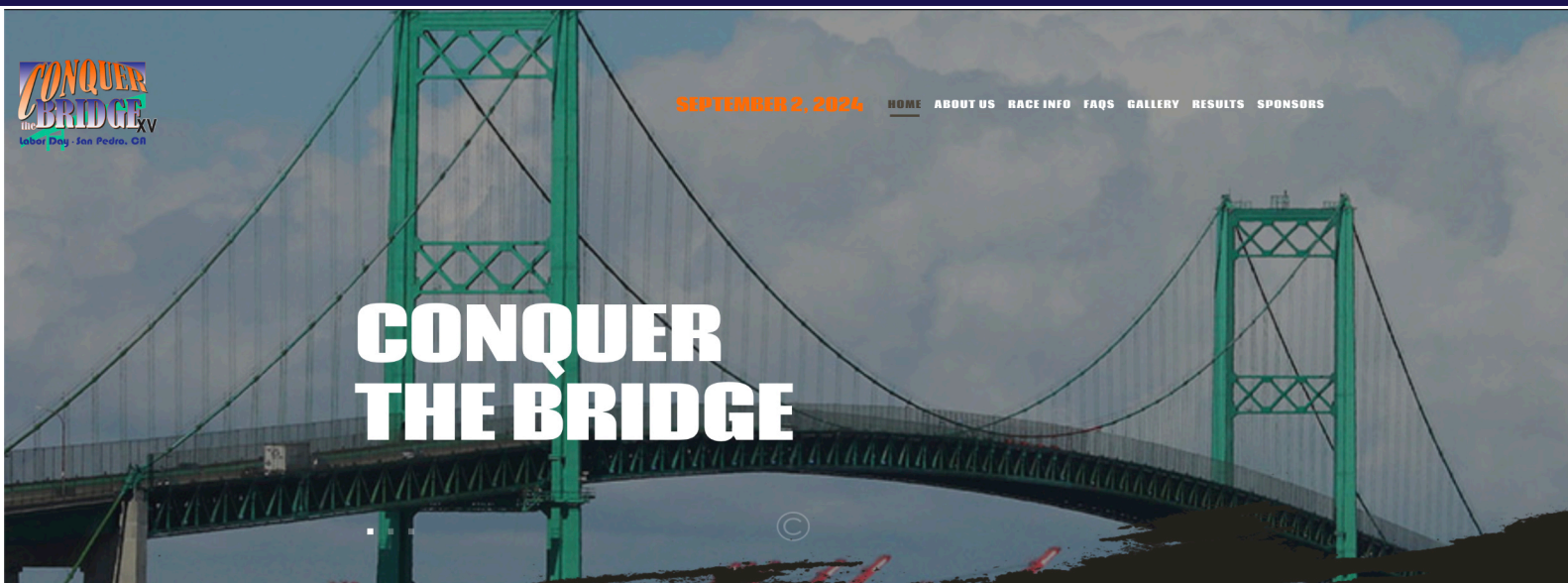
<https://www.pvarc.club/about/>

There's only one Palos Verdes ARC...but at least five other ham radio clubs share our PVARC initialism

While we frequently refer to the Palos Verdes Amateur Radio Club by our initials we can't claim PVARC initialism is uniquely ours. But we are unique in being the only PVARC not in a valley!

So you know, here are some other PVARC clubs:

- Pleasant Valley Amateur Radio Club (Ventura County, California), see above
- Page Valley Amateur Radio Club (Shenandoah, Virginia)
- Patoka Valley Amateur Radio Club (Huntingburg, Indiana)
- Pecos Valley Amateur Radio Club (Roswell, New Mexico)
- Portola Valley Amateur Radio Club (Portola, California)



Above: Screenshot of Conquer The Bridge website home page, <https://conquerthebridge.com/>

PVARC provides public service at Conquer The Bridge run/walk...

This year's 15th annual Labor Day Conquer The Bridge run/walk across the Port of Los Angeles' Vincent Thomas Bridge had the maximum 4,000 runners allowed...and a full contingent of ham radio operators keeping these runners safe along the 5.3-mile route.

Walt Ordway, K1DFO, again organized our radio operator team which used the Battleship Iowa Amateur Radio Association's 2-meter repeater for excellent coverage across the race area. Members of the PVARC, the United Radio Amateur Club, and a few unaffiliated operators handled all the radio traffic. Only one runner reportedly had an injury requiring transport off the bridge but it wasn't serious.

This year marked the first time PVARC's logo was included on the back side of runner t-shirts alongside logos of other CTB sponsors and providers. However, CTB's graphics designer advised that PVARC's familiar embroidered patch logo as a JPEG photo rendered very poorly when imported into vector graphics software such as Adobe Illustrator. With little time left until t-shirt production had to start we gave the designer some liberty to quickly create a temporary PVARC logo using vector graphics (bottom right.)

Never fear, we will exactly replicate PVARC's patch using vector graphics software over the next several months. ■



PVARC's embroidered patch (photo above) has been our club logo since 2004 after the original design sheet was lost...



...but we permitted Conquer The Bridge's graphics designer to create a temporary PVARC logo for race t-shirts with vector graphics software in place of JPEG photo.

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.
- **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@arrl.net
 Email: k6pv@arrl.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 June 17, 2016.

PHOTO: DIANA FEINBERG, AI6DF

PVARC CALENDAR OF EVENTS

SEPTEMBER 2024

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2 PVARC public service event: Conquer The Bridge run / walk	3 K6PV analog net, 7:30 pm	4 K6PV DMR net, 7:30 pm	5 PVARC hybrid monthly meeting, 7:30 pm at Hesse Park and via Zoom	6	7
8	9	10 K6PV analog net, 7:30 pm	11 K6PV DMR net, 7:30 pm	12	13	14 HF Enthusiasts Group meeting, PV Library, 10 am
15	16	17 K6PV analog net, 7:30 pm	18 K6PV DMR net, 7:30 pm	19	20	21
22	23	24 K6PV analog net, 7:30 pm	25 VHF/UHF Enthusiasts Group meeting via Zoom, 7:30-8:30 pm	26	27	28 W6TRW Swap Meet, Northrop Grumman, N. Redondo Bch. 7:00-11:30 am
29	30					



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.