

QRO



THE PALOS VERDES AMATEUR RADIO CLUB NEWSLETTER

NOVEMBER 2022

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All **QRO** monthly issues since 2007 are on the PVARC website at www.k6pv.org under the "Newsletter" tab.

Additional club news appears in the PVARC Weekly Bulletin sent by email to members.

Diplexers, Triplexers, and the Low-Profile Mobile

Allen Wolfe, KC7O

Thursday, November 3, 2022

PVARC monthly meeting via Webex (No Hesse Park in-person meeting)

7:10 pm: Webex online room opens

7:30-9:15 pm: Meeting

Guests welcome. Email ai6df@arrl.net for the Webex meeting link.

Also this month:

PVARC HF Enthusiasts Group meeting
Saturday, November 12, 10:00 am-Noon at
Palos Verdes Library Purcell Room

PVARC EmComm Interest Group meeting Saturday, November 19, 11:00 am
-Noon am via Webex

About PVARC's November 3rd monthly meeting...

PVARC's November 3 monthly meeting via Webex features Allen Wolfe, KC7O, presenting "Diplexers, Triplexers and the Low-Profile Mobile."

Allen's informative presentation is about hiding radio equipment, safe wiring, and having only two VHF/UHF antennas yet being able to transmit on 2-meters, 220, 440, with APRS. Most importantly: avoiding a "porcupine" look on your vehicle.

Besides having a 45-year career as an RF engineer Allen is a long-time Pasadena Radio Club member and for many years was that club's ham license class instructor. He resides in Sierra Madre and frequently speaks at other radio clubs as well as ham radio conventions.

As previously reported, Hesse Park is unavailable for the November 3rd meeting due to the park's building serving as a voting center for the November 8th mid-term elections. ■



Above: To be or not to be, that is the question. What not to be...the infamous porcupine car of Dayton, OH. PHOTO CREDIT: Uploaded to Pinterest, Frank Livermore.



PVARC Holiday "After"-Dinner

Thursday, December 8, 2022 via Webex

Bring your after-dinner beverage and dessert to our 7:30 pm Holiday "After"-Dinner in place of an in-person Holiday Dinner. Speaking about "The Lighter Side of Amateur Radio, Part 4" will be your **QRO** Editor AI6DF. We'll also review our year, look forward to the next, and have our customary door prizes (all members have an equal chance of winning.)

Continuing: PVARC member random accomplishments...in 35 words (more) or less

Jerry, NG6R, got his eagerly awaited QSL from Monaco bringing his DXCC confirmed total to 311 countries—and waiting for Tajikistan to be confirmed. With few indigenous HF hams Monaco QSOs/QSLs are sometimes from visiting operators.



Jeff, K6JW, received from the ARRL his DXCC Top of Honor Roll certificate after achieving 331 confirmed current DX entities during his ham radio lifetime (337 confirmed including deleted entities). It's a tremendous accomplishment!

Congratulations to Jack, now KA6JWR, who recently passed his Technician exam and became the PVARC's youngest member at age 8. He is also the Remington family's newest operator and their transceivers will surely be busy.

There's a new General in the PVARC ranks. We salute Ikue, KN6FYW, who passed her General license exam at our October 15 test session.

Four new hams were licensed at PVARC's October 15 Volunteer Examiner test session. No FCC call signs issued yet, but welcome to new members: Ronald Williams, James Brennan, Kevin Shimizu, and Robert Shibau.

Is there a random accomplishment in your amateur radio life? If so, let us know. (Note: Your QRO Editor might find some independently.)

Redux 2022: Unusual antenna permit application triggers new 45-day moratorium and new ordinance on RPV antenna permits

At its October 4, 2022 regular meeting the Rancho Palos Verdes City Council voted unanimously (without discussion) to approve an interim Urgency Ordinance declaring a 45-day moratorium on new commercial and non-commercial antenna permits in the city.

During this period the City plans to develop a completely new antenna ordinance replacing the current one which incrementally combined separate antenna code provisions adopted in 1983, 1988, 1997, 1999, 2002, 2011, and 2020.

Triggering the latest 45-day moratorium was a recent permit application for five 9.5-foot vertical UHF antennas atop a single family residence, with the antenna tops being 33-feet above ground. Vertical UHF antennas that length are typically heavier-duty commercial antennas for FCC Part 90 land-mobile service, not Part 97 ham radio.

During the past two decades the City had to deal with several owners of Part 90 two-way radio businesses who wanted commercial repeaters at homes atop the Palos Verdes Peninsula but used non-commercial ham radio as the basis for their initial antenna or tower permit. FCC rules require jurisdictions to provide reasonable accommodation for amateur radio antennas but abuses evidently occurred. *Continued on next page ►*



CITY OF RANCHO PALOS VERDES

**CITY COUNCIL
AGENDA REPORT**

MEETING DATE: 10/04/2022
AGENDA HEADING: Regular Business

AGENDA TITLE:

Consideration and possible action to adopt an interim Urgency Ordinance to establish a 45-day moratorium on the entitlement, establishment, expansion, or modification of antennas governed pursuant to §17.76.020 (Antennas) of Title 17 (Zoning) of the Rancho Palos Verdes Municipal Code.

RECOMMENDED COUNCIL ACTION:

- (1) Adopt, by a fourth-fifth (4/5th) vote of the entire City Council, Urgency Ordinance No. ____-U, AN INTERIM URGENCY ORDINANCE OF THE CITY OF RANCHO PALOS VERDES, CALIFORNIA, TO ESTABLISH A TEMPORARY 45-DAY MORATORIUM ON THE ENTITLEMENT, ESTABLISHMENT, EXPANSION, OR MODIFICATION OF ANTENNAS GOVERNED PURSUANT TO §17.76.020 (ANTENNAS) OF CHAPTER 17.76 (MISCELLANEOUS PERMITS AND STANDARDS) OF TITLE 17 (ZONING) OF THE RANCHO PALOS VERDES MUNICIPAL CODE; and,
- (2) Initiate code amendment proceedings to repeal §17.76.020 (Antennas) and add Chapter 17.77 (Antennas) to Title 17 (Zoning) of the Rancho Palos Verdes Municipal Code with new regulations governing antennas on private property based on current federal telecommunication laws.

From: Agenda report in Rancho Palos Verdes October 4, 2022, City Council Meeting agenda.

Redux 2022: Unusual antenna permit application triggers new 45-day moratorium and new ordinance on RPV antenna permits

► *Continued from previous page*

A nine-month RPV antenna moratorium in 2020 resulted in two major changes affecting new ham antennas more than 12' above a home roof: 1) additional requirements for displaying the ham antenna's silhouette impact; and 2) notifying all property owners within a 500-foot radius instead of just immediately-adjacent owners.

It should be noted the expanded 500-foot radius notification is identical to that for all new cellular antennas, all other proposed height variances, any changes in the City's General Plan, zoning, or encroachments on public rights of way.

PVARC will be staying apprised of developments affecting amateur radio in the proposed new ordinance and advise our members. – *Diana Feinberg, AI6DF* ■

Section 5. Review and Study

A. City Staff, the Planning Commission, and the City Council, each requires a reasonable period of time to study the existing antenna regulations to determine the potential adverse impacts on the aesthetics of properties within the City, and to make recommendations on appropriate updated regulations for antennas on private property.

Ordinance No. 665U
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B. The City Council desires to establish, on an urgency basis, a temporary moratorium on the establishment, expansion, or modification of noncommercial amateur radio antennas within the City through the adoption of this Ordinance to further the purposes stated herein.

Section 6. City Actions

During the period of this Moratorium, and any extension thereof, the Director shall: (1) review and consider options for the regulation of antennas on private property, (2) issue a written report describing the measures which the City has taken to address the conditions which led to the adoption of this ordinance with the City Council 10 days prior to the expiration of this Moratorium, or any extension thereof, and (3) make the report available to the public.

Section 7. Urgency Measure

The City Council finds that there is a current and immediate threat to public safety, health, and welfare posed by the existing antenna regulations, in that allowing antennas without appropriate regulations in place, including permitting antennas in single-family residential neighborhoods, would be permanently and irreversibly detrimental to the visual character of those neighborhoods.

From: Agenda
report in Rancho
Palos Verdes
October 4, 2022,
City Council
Meeting agenda.



Scenes of the 2022 Prepared Peninsula Expo alongside the Farmers Market



Left, top: Ray, N6HE, and Diana, AI6DF, at PVARC/PVAN booth, are ready for visitors.

Left, bottom: Ray, N6HE's Vibrokeyer paddle that took a licking from an enthusiastic little camper.

PHOTO: DICK RATH, WA6NSR.



Right, top: We explained to visitors what amateur radio is about, also handed out PVARC, PVAN, and DCS brochures, links to NART and TARA..

Right, bottom: The South Bay cities not served by the Sheriff's Department showed off their new Law Enforcement Mutual Aid Command Center police vehicle. PHOTOS: DIANA FEINBERG, AI6DF.

PVARC connects with community at Prepared Peninsula Expo

The PVARC exhibited a full range of amateur radio gear for visitors at this year's Prepared Peninsula Expo. Our display included: an Icom IC-7300 HF transceiver; Yaesu FT-8800 (two-band) and FT-8900 (four-band) mobile transceivers; Yaesu FT-7250 mobile VHF/UHF; Motorola XPR-4550 UHF transceiver repurposed for ham radio; plus HT radios Kenwood TH-F6A, Motorola XPR-6550 UHF, and TERA TR-7400 DMR transceivers. Ray, N6HE's, single-lever Vibrokeyer CW paddle hopefully is still ticking for his next contest. A curious four-year old visitor kept forcefully pushing the key to try making it swing, not realizing the contacts were set for paper-thin spacing. ■— Diana Feinberg, AI6DF

Are you interested in PVARC's IOTA DXpedition to Two Harbors?

Our club is still gauging PVARC member interest for participating in a possible February 2023 Islands on the Air DXpedition to Two Harbors at Catalina Island's isthmus.

PVARC members undertook these mini-Dxpeditions annually from 2007 through 2019, with the exception of 2013 because of weather halting Catalina Express service nor since 2019 due to solar conditions and COVID. Operating as K6PV/6 we've cumulatively made almost 19,000 contacts worldwide from Two Harbors across multiple bands.

Team members will pay their own expenses ranging from \$400-500 depending on meal choices at the only restaurant in Two Harbors and other personal options. Some operators come on Wednesday and return Friday evening but most stay for the entire 4.5 day event.

Two Harbors workers occupy our cabins from April through November which, combined with weather, limits the practical period for our DXpeditions to late February through March.

Interested? Contact Ray Day, N6HE, soon at rayday@cox.net if you haven't already. ■

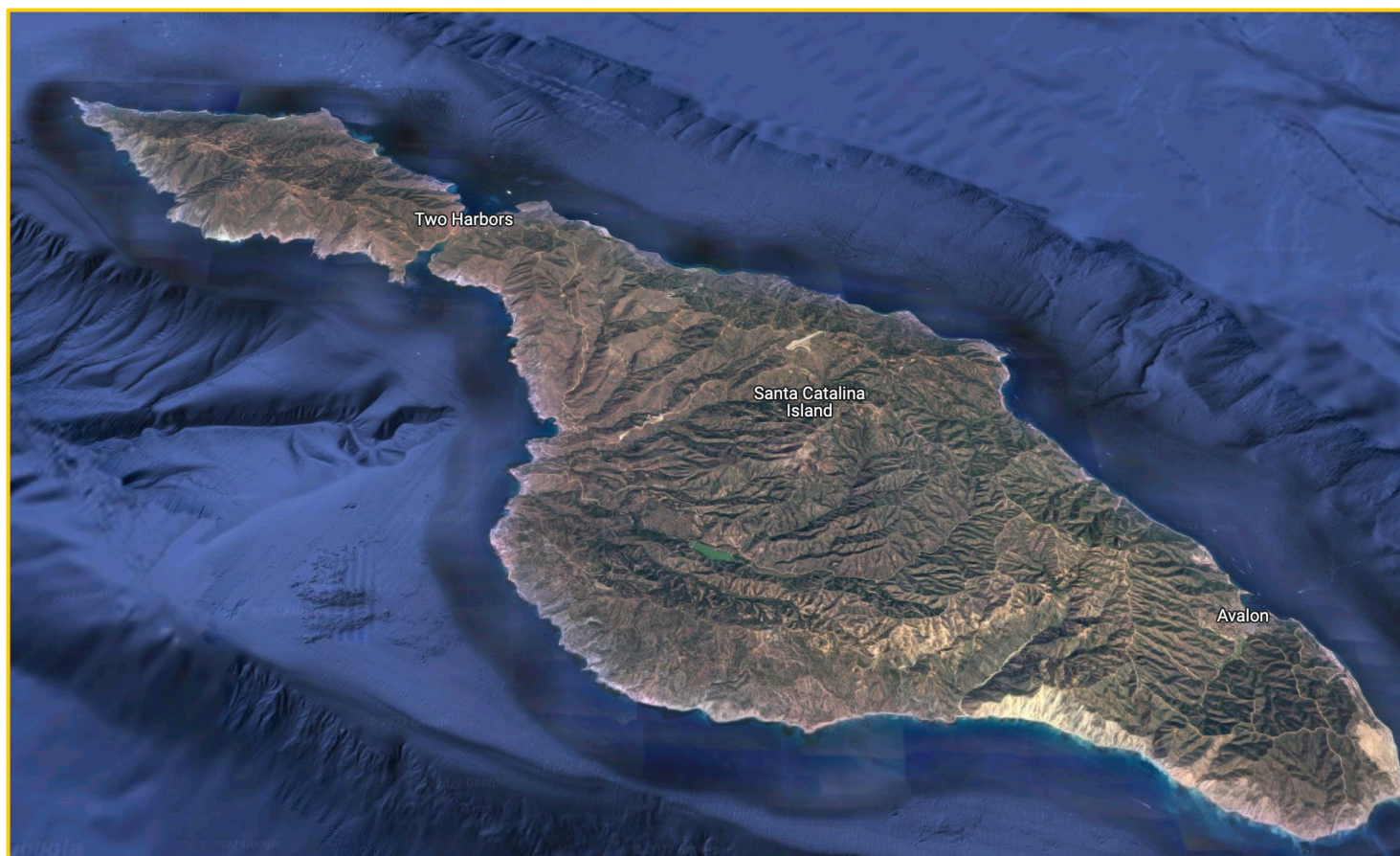


IMAGE: GOOGLE MAPS

PVARC upcoming events

- **PVARC hybrid monthly meetings online via Webex and in-person (*no Hesse Park in-person option in November*)**

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

- **PVARC HF Enthusiasts Group meetings via Webex and/or in-person at Palos Verdes Library main branch:**

2nd Saturday each month, 10:00 am-Noon

- **PVARC EmComm Interest Group online meetings via Webex**

3rd Saturday each month, 10:00-11:00 am or 11:00-Noon (time depends on other radio events that day)

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

February 4 and 11, 2023 in Fireside Room

- **Volunteer Examiner license test session at Hesse Park, February 18, 2023 (Fireside Room) 10:00 am.**
- **PVARC 2022 Holiday After-Dinner, Dec. 8, virtually from everyone's home.**
- **(Tentative) PVARC Islands on the Air DXpedition to Two Harbors, Catalina Island, Feb. 2023**

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.**

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

Consider joining 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 at least 51% of club members 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 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/. ■

Need a PVARC badge?

If you wish to order a new or replacement engraved PVARC badge please 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 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.

During our period of virtual meetings if you would like a patch contact Diana, AI6DF, ai6df@arrl.net and we'll find a way to get your patch 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	(Open)
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:	Laura Remington, KA6LJR;
	Ron Wagner, AC6RW; Dale Hanks, N6NNW; Bob
	Sylvest, AB6SY; Malin Dollinger, KO6MD; Dave Turner,
	KM6LGX; Jerry Shaw, KI6RRD; Gary Lopes, WA6MEM;
	Clay Davis, AB9A; Rick Heaston, KG6RH; Jeff
	Remington, KA6JMR; Marlee Remington, KA6MJR;
	Derek Okada, K6DMO

Contact us:

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 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 on evening of November 22, 2017. PHOTO: DIANA FEINBERG, AI6DF

-PVARC CALENDAR OF EVENTS						NOVEMBER 2022-
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1	2	3 PVARC's Monthly Meeting via Webex: Allen Wolfe, KC7O, 7:30 pm	4	5
6	7	8 Election Day K6PV analog net, 7:30 pm	9 K6PV DMR net, 7:30 pm	10	11	12 PVARC HF Enthusiasts Group, 10:00 am. PV Library
13	14	15 K6PV analog net, 7:30 pm	16 K6PV DMR net, 7:30 pm	17	18	19 PVARC EmComm Interest Group, 10:00 am Webex
20	21	22 K6PV analog net, 7:30 pm	23 K6PV DMR net, 7:30 pm	24 Thanksgiving Day	25	26 W6TRW Swap Meet, Northrop Grumman, N. Redondo Beach 7:00-11:30 am
27	28	29 K6PV analog net, 7:30 pm	30 K6PV DMR net, 7:30 pm			

Postal mail form below; email version: http://www.n6rpv.net/n6rpvpage/pvarc/membership_form.pdf



Palos Verdes Amateur Radio Club

P.O. Box 2316

Palos Verdes Peninsula, CA 90274

<http://www.k6pv.org>

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 PVARC.Membership@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>.

Two Free Amateur Radio Courses

The Hesse Park facility no longer requires a mask

FCC “Technician” course (entry level)

FCC “General” course (2nd level)

Each course is 2 sessions

The sessions will be on 4 and 11 February 2023

Technician 9:30 AM to 1:15 PM both Saturdays (bring your lunch)

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

The FCC tests will be 10:00 AM to noon on 18 February 2023

At the start of the 4 February Technician course, a member of the Palos Verdes Amateur Radio Club will give a 30-minute presentation on how to get further involved in amateur radio.

**The class location is at Fred Hesse Community Park,
29301 Hawthorne Blvd., Rancho Palos Verdes, CA 90275**

Confirm your attendance to Walt, K1DFO at wfordway@juno.com

I charge no fee for either course. 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 post your call sign.

Optional Material (sold at cost)

Gordon West books with all the FCC test questions,

\$30 for the Technician and \$26 for the General

Paper copy of Walt's Power Point charts,

\$28 for the Technician and \$24 for the General

For courses sponsored by the Palos Verdes Amateur Radio Club, students thru grade 12 who pass their examination at a PVARC VE test session will, upon application to the Club, be eligible for reimbursement up to a maximum of \$50 to cover the cost of materials and the examination fee.

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.