



# QRO

THE MONTHLY NEWSLETTER OF THE PALOS VERDES AMATEUR RADIO CLUB

OCTOBER 2014

## “Sidewalk EME: Moon Bounce from the Sidewalk”

**Speaker:** Doug Millar, K6JEY

**When:** PVARC Monthly Meeting,  
7:30 pm, Wednesday,  
October 15, 2014.

**Where:** Hesse Park Activity Room,  
29301 Hawthorne Blvd.,  
Rancho Palos Verdes, CA  
90275.

**Visitors Welcome.**

**Also, our pre-meeting dinner:**  
PVARC members and guests are  
welcome at our 5:30 pm no-host pre-  
meeting dinner at the Red Onion  
Restaurant, 736 Silver Spur Road,  
Rolling Hills Estates. We're always in  
one of the back rooms.

## Earth-Moon- Earth amateur radio from a front yard...



We've been conditioned to believe only a huge dish or beam antenna can accomplish Earth-Moon-Earth “moon-bounce” amateur communication, usually done with CW or the digital JT65 mode on VHF/UHF frequencies. But Doug Millar, K6JEY, will show us how he does it with smaller antennas near the sidewalk.

Doug Millar holds a doctor of Education degree and is entirely self-taught in electronics. He is an ARRL technical advisor in test equipment and measurement, having written the 26th chapter of the ARRL Handbook (also the 25<sup>th</sup> chapter of an earlier ARRL Handbook edition). He has always liked the shorter wavelengths and started with EME in 1990. He was raised on the Palos Verdes Peninsula and knows our area well. ■

# The thrill is there when communicating to both distant and nearby locations using amateur radio

**By Diana Feinberg, AI6DF  
PVARC President**

My ham radio interests cover both ends of amateur radio: I enjoy communicating both near and far.

In the past six months (especially through the contagious enthusiasm of Ray, N6HE) I have enjoyed participating in HF contests from my home. More recently I've moved into RTTY contests where the pace is really quick and lower power can still go quite a distance.

But I also enjoy communicating locally for emergency communication and public service activities. I am also active with one of Southern California's repeater coordination organizations as well.

So what gives? The simple truth: the thrill in using amateur radio exists at whatever distance you wish.

During the weekend of October 11-12 I had an amazing time in the Makrothen RTTY Contest. Despite its weird name, this contest operates more like an airline frequent-flyer mileage program in that the points calculated for each QSO reflect the distance between your station's four-character grid square and the one you've contacted. And like airline frequent-flyer class-of-service bonuses, there are bonuses for using certain ham bands. But that wasn't all: the same weekend witnessed an international contest for Scandinavian hams to work amateurs elsewhere and also the Pennsylvania and Arizona QSO Parties. I was switching bands and modes whenever there was a lull in the action or band conditions changed.

Some of our club members, especially Ray N6HE and Chris KA6WNL, made major headway in the California QSO Party during the weekend of October 4-5. Ray reported making 254 CQP contacts, including quite a few foreign stations. Chris made 225 contacts and worked 35 of the 50 states plus 11 countries using "Field Day" type operating from his backyard during the heat wave that weekend.

And coming very soon for lots of international contacts is the CQ Magazine Worldwide SSB DX Contest on October 24-26. You can probably work quite a few countries with just a simple wire-dipole antenna.

As for local communication, it is thrilling too. It's gratifying being able to overcome challenges in communicating from difficult locations around us. The many hills, valleys, ridgelines, and mountains in Los Angeles County should inspire us to improve radio communication skills for when an HT radio won't suffice. Bouncing signals off the Santa Monica Mountains or Catalina Island with just 25 watts to reach a 220 or 440 repeater atop Palos Verdes never ceases to amaze me.

If it's October, it's also disaster preparedness month. The Great California ShakeOut on October 16<sup>th</sup> is a good starting place, but don't forget to have your radio equipment ready too. There are several major ham radio drills testing disaster preparedness and response this month. Besides the Great ShakeOut, there's also a Countywide drill October 22<sup>nd</sup> where ham radio will be used in many cities to contact City Halls, Sheriff's stations, and the County emergency operations center.

If your local disaster communication group is holding an October drill, do participate in it. It's only by checking in during weekly nets or annual drills that these disaster radio groups know for sure whether your radio still works and its batteries are charged.

Enjoy the Fall months with their many amateur radio contests and disaster drills. The thrill of using amateur radio is always there no matter how far your signal travels. ■

## PVARC Short News Items

### The PVARC's November meeting topic...and beyond

Our final Hesse Park meeting in 2014 is November 19<sup>th</sup> when Alex Marko, KD6LPA and President of the South Bay Amateur Radio Club, presents, "The \$3 phone bill: Echolink Overview." We will also have our drawing for a \$25 Ham Radio Outlet gift certificate (winner must be present). Denzel, KG6QWJ, won the certificate at our September meeting after 11 other names were drawn.

Our annual Holiday Dinner is Wednesday, December 10, at the Ports O'Call Restaurant in San Pedro. This event also serves as the PVARC's December meeting. (Please see the dinner announcement and menu on the next page.) Instead of a speaker, this year's Holiday Dinner we will have a specially-created video. You've heard of the television program, "America's Funniest Home Videos"—well, our Holiday Dinner program is called "World's Funniest Ham Radio Videos." Yes, they do exist. Our Holiday Dinner will also have our usual array of ham radio door prizes.

Our member Ray Day, N6HE, is speaking at the Pasadena Radio Club's monthly meeting on October 21 about our 2014 K6PV/6 DXpedition to Catalina Island. Diana, AI6DF, gave a presentation at the Pasadena Radio Club's September 23 meeting, covering the histories of lighthouses and International Lighthouse Weekend, our 2014 ILLW activities at Pt. Vicente, and a tour of other lighthouses in Southern California.

It turns out the Pasadena Radio Club and the Palos Verdes Amateur Radio Club have similarities in their membership profiles, public service activities, and area ham populations. The PRC meets in a large room at Kaiser Permanente's Southern California headquarters complex in Pasadena where there's a spectacular 14-foot wide projection screen and ceiling-mounted projector with razor-sharp lens. We can only wish for a setup like this! ■

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### PVARC's 2015 Catalina IOTA DXpedition "On-Track"



**Above:** That's Joe Pace, NZ6L, adjusting our 20-meter hex beam antenna atop one of our cabin buildings during the PVARC's 2014 IOTA trip to Catalina Island. PHOTO: NORM THORN, K6UU

Planning continues for our February 2015 DXpedition activating Catalina Island in the Radio Society of Great Britain's "Islands On The Air" program.

As reported, every participant from PVARC's 2014 DXpedition indicated they wanted to return next February. All cabins in two buildings at Two Harbors' campground are booked for our usage.

Besides the usual HF SSB bands, we hope to extend use of other modes such as CW, PSK31, and RTTY to capitalize on the interests of DXpedition members. For example, we hope to also work DX RTTY stations outside the 12 hours of the North American RTTY QSO Party.

The Radio Society of Great Britain two weeks ago issued a proposal outlining the IOTA program's future, recommending more international support for operations and award issuance (see next page). ■

## “Islands on the Air” seeks international support to help operate the program and better handle IOTA awards

### From the ARRL Website

Changes are in store for the Radio Society of Great Britain’s popular Islands on the Air (IOTA) program, as the RSGB repositions itself to assume a less-direct role in the award program’s management and administration going forward. The “New IOTA” will embrace the program’s international scope and likely include some online means of confirming contacts and claiming contact credits. For the time being, however, everything will remain as it is. This past July, IOTA marked its 50th anniversary as “a premier DX program” under the guidance of the RSGB and IOTA Manager, Roger Balister, G3KMA. The program boasts some 2500 active island chasers and another 15,000 or so casual participants.

In September the RSGB announced that it had asked IOTA management to enlist a group or organization from within the IOTA community to take the program into its next 50 years. “The main focus will be on the development of online island credit submission (paperless QSLing) as a new feature of the programme,” Balister explained in a September 27 post on the IOTA website. “The plan is then for this group to run IOTA in partnership with the RSGB. In the meantime no immediate policy, management or personnel changes are planned.”

The RSGB announcement from President John Gould, G3WKL, said that a review of the program identified three primary issues. These include a heavy reliance on a few key people, the need to ensure modern, robust IT support that “will include online island credit submission akin to LoTW,” and a requirement for a friendlier, more accessible website.

“The review accepted without question that all island and participant databases should be preserved and that any changes should be backwards-compatible,” Gould’s announcement



said. “In addition, it was important to seek ways to rejuvenate and ensure the sustainability of the program. This vision we loosely called ‘New IOTA.’”

Gould explained that the RSGB is seeking a “partnership rather than a top-down approach,” and that the RSGB Board has agreed that the IOTA team be invited to establish a group to develop and implement the “New IOTA” concept, with the RSGB providing seed money and “other appropriate support.”

“This approach acknowledges that the strength of the program lies with its national and international participants whom, we are assured, have the motivation, skills and enthusiasm to develop the program and to promote it to its full potential,” Gould continued. “This way forward has the full support of the IOTA team and has been welcomed by the wider IOTA community both at home and abroad.”

According to Gould’s announcement, research and study to develop a plan for the “New IOTA” will take place over the next 9 months.

“The Society and the program’s management believe that the resulting governance structure, management processes and IT framework will ensure the IOTA program is not only sustainable into the next years of the 21st century,” Gould’s announcement concluded, “but continues to grow and play the prominent role that it has done in Amateur Radio DXing and contest activity for the last 50 years.” ■

## PVARC News:

## Reserve your place at the PVARC's 2014 Holiday Dinner

Reservations are now being accepted for the PVARC's 2014 Holiday Dinner on Wednesday, December 10, at the Ports O'Call Restaurant along San Pedro's waterfront. Please see the menu and RSVP form on the next page in this **QRO** issue.

Our 2014 Holiday Dinner will be a self-serve buffet as last year in the same large upstairs room that allows mingling before the dinner and enables a two-sided buffet line to minimize serving times.

The Breakwater Room (with elevator access) has a full harbor channel view from the outer breakwater up to the Vincent Thomas Bridge. We will also have a no-host bar dedicated just for our dinner attendees in the Breakwater Room's foyer.

The price per person is \$42, the same as last year, and includes a free ticket for an expanded array of ham radio raffle prizes. The value of your prize might significantly exceed the cost of your dinner!

As mentioned elsewhere in this **QRO** issue, instead of a speaker this year's Holiday Dinner features a presentation we are compiling of "The World's Funniest Ham Radio Videos."

Join fellow club members, spouses, family members, and guests for a memorable evening at Ports O'Call Restaurant on December 10. ■



A scene from last year's Holiday Dinner at Ports O'Call Restaurant. PHOTO: JOHN FREEMAN, WW6WW

## WELCOME NEW MEMBERS OF THE PALOS VERDES AMATEUR RADIO CLUB IN 2013-2014

LARRY SHAPIRO, K6RO

NICHOLAS WAGNER, KB6PL

STEVE MARSCHKE, KK6EOS

DEBBIE MARSCHKE, KK6EOW

ANDREW DeCRISTOFARO, KI6BKD

DOMINIC DeCRISTOFARO, KI6BOO

RICHARD CARL, KF6ZRF

DON BEAUMONT, KE6PMN

CINDY SATTLER, KK6EOZ

DAVE HELD, WA6PHS

RAPHAEL YOON, KJ6ZYD

JOEL PASTOR, WJ1P

TERRI PASTOR, W6BMD

THOMAS BACALJA

ERIC OLSON, KK6JPV

JAMES MAXWELL, W6JBN

CARL BARNES, AI6BA

ALLEN BINDER, KK6MNU

HENRY BREMER, KK6MNO

SCOTT HARTNETT, KK6MNM

JAMES LIAO, KK6MNT

RICARDO QUINONES, KK6MNQ

SHAWN SORBOM, KK6MNN

KELVIN VANDERLIP, JR., KK6MNS

RON WAGNER, KI6FHB

PAT BREWSTER, KK6KCL

LUIS CARRANZA (*NEW CALL PENDING*)

JOSEPH ENFIELD (*NEW CALL PENDING*)



*Please Join Us for the Palos Verdes Amateur Radio Club's  
Annual Holiday Dinner*

*Ports O'Call Restaurant  
1199 Nagoya Way (Berth 76), San Pedro, CA  
Wednesday, December 10, 2014*

*Meet and Greet beginning at 6:30 pm,  
Dinner at 7:00 pm, followed by program and prize raffle*

**Dinner Buffet:**

*California Greens with Sliced Apples, Candied Walnuts,*

*Bleu Cheese Crumbles and Raspberry Vinaigrette*

*Classic Tossed Caesar Salad*

*Mexican Chopped Salad*

*Fresh Fruit Platter, Yogurt Dip*

*London Broil with Roasted Shallot-Peppercorn Reduction*

*Grilled Sea Bass with Saffron Butter*

*Steamed Vegetables Melange*

*Roasted Baby Red Potatoes*

*Warm Rolls and Butter*

*A Tempting Array of Desserts*

*(Cheesecake, Chocolate Cake,*

*Tiramisu)*

*Coffee, Decaf, Hot and Iced Tea*

*\$42.00 per person, in advance*

*(same price as 2012 and 2013 dinners)*

Please use RSVP cards available at monthly club meetings or shown at right. Mail to: PVARC, PO Box 2316, Palos Verdes Peninsula, CA 90274; or return at a monthly meeting.

**PALOS VERDES AMATEUR RADIO CLUB  
2014 HOLIDAY DINNER**

Ports O'Call Restaurant, San Pedro;  
Wednesday, December 10, 2014

Price per person: \$42

Number of people attending: \_\_\_\_\_

I would like to also donate:

\$5 \_\_\_ \$10 \_\_\_ \$15 \_\_\_ Other amount \_\_\_\_\_

Total amount enclosed: \$ \_\_\_\_\_

Please make check payable to the

**Palos Verdes Amateur Radio Club**

(All donations are applied towards club expenses for the evening.)

Name \_\_\_\_\_

Call Sign \_\_\_\_\_

## Another PVARC member visits W1AW at ARRL Headquarters: Laura, KK6BFI, also featured on ARRL Facebook Page

You never know who will be the next PVARC member to operate the W1AW station at ARRL Headquarters. Laura Behenna, KK6BFI, was there last month while accompanying one of her children off to college in Connecticut. The ARRL's Facebook page (shown below) chronicled her visit.

**ARRL - the National Association for Amateur Radio**  
September 4

Thursday, September 4, 2014. ARRL Member Laura Behenna KK6BFI of Palos Verdes Estates, California visited ARRL and W1AW--the Hiram Percy Maxim Memorial Station. In this picture, Laura operates from one of the visitor studios in the station building. ARRL is celebrating its Centennial this year. Plan your visit to ARRL headquarters today! [www.arrl.org/w1aw](http://www.arrl.org/w1aw) [Photo credit: ARRL Tour Guide Carey Harmon, KB1SCS]



Like · Comment · Share 45 Shares

Lkhagvadorj Namhai, Robert Dick, Denis Kacy and 409 others like this.

 **Bruce Frahm** Laura - did you ever see the W6AM Rhombic Farm during the years it was up?  
September 4 at 8:59am · 1

 **Chris Gay** I hope everybody gets a chance to operate W1AW at least once. It's so cool.

**Recent**  
2014  
2013  
2012  
2011  
2010  
2009  
2008  
2005  
Founded

The Boy Scouts of America's annual ham radio "Jamboree on the Air" again operates from San Pedro on October 18th. While we encourage club members to individually take part in the JOTA please note the Jamboree on the Air is not a PVARC-sponsored event and our club liability insurance does not cover participants.

57th Annual

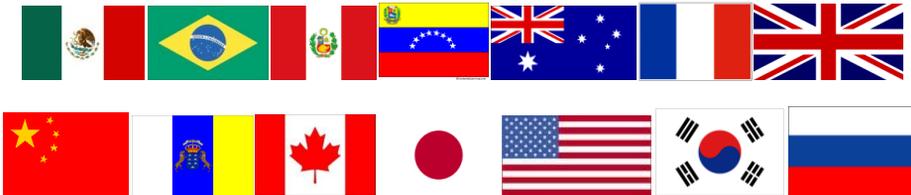
## *Jamboree on the Air*



A few additional adult hams are needed...contact Curtis, KI6KUK, at address below.

*A Worldwide Scouting Event*  
Los Angeles Area Council, BSA  
October 18, 2014

10:00am - 10:00pm Saturday  
Cabrillo Youth Center - 3000 Shoshonean Rd., San Pedro, CA



[www.arrl.org/jamboree-on-the-air-jota](http://www.arrl.org/jamboree-on-the-air-jota)  
[www.scouting.org/JOTA](http://www.scouting.org/JOTA)

Join us in this "World Wide" Scouting event where Scouts all around the World will be trying to contact each other via the Ham Radio.

We need radio operators to help get the Scouts on the air and to spark their interest about Ham Radio. Also to teach the Scouts the fundamentals of radio waves and electronics to earn the Radio Merit Badge.

Contact:  
Curtis Watanabe, KI6KUK  
Asst. Scoutmaster Troop 378  
e-mail: [Curtisw0007@gmail.com](mailto:Curtisw0007@gmail.com)  
cell 310-528-7767

**Right:** HAMCON 2015's distinctive logo (neither round nor square) will also be on pins and patches available to convention-goers. For PVARC members ham radio conventions do not get more convenient than this.



## HAMCON 2015—the 2015 ARRL Southwestern Division Convention in Torrance—moves into high gear

**It only happens once every four years.**

The ARRL's 2015 Southwestern Division Convention comes to the Torrance Marriott Hotel next to Del Amo Fashion Center Mall during September 11-13, 2015. If you have ever wanted to attend an ARRL convention, it doesn't get more convenient than this. And you do not need to be an ARRL member.

The PVARC is one of 13 amateur radio clubs in Los Angeles and Orange Counties organizing the 2015 convention, also known as HAMCON 2015. Each club handles a different responsibility for making the convention come to fruition. For us, we'll be operating the Information Desk during the primary hours HAMCON 2015 is open and before the convention handling marketing and advertising activities as well.

HAMCON 2015 is already off to a fast start. In just four weeks since sign-ups have been accepted, 61 of the 63 booth spaces in the Vendor/Exhibitor Hall are already booked—with 48 weeks remaining until the convention to fill the last two booths. Last month's 2014 Southwestern Division Convention in San Diego had space for 40 booths in its Vendor Room but only 32 were occupied by Vendors and Exhibitors.

HAMCON 2015's list of speakers continues being developed and will be posted on the convention's website beginning early in 2015. With the convention's overall theme, "Ham Radio: A Bridge to the Future", the focus will be forward-looking on what's next for amateur radio. Tech Talks will be organized into four "tracks": Emergency Communication; DXing and long distance communication; General and technical amateur radio topics; and Topics for New Hams. Attendees can mix and match which programs they wish to hear.

We hope all PVARC members can attend HAMCON 2015 and we will also be looking to our members for working in two-person teams at the Information Desk during two-hour shifts. More info to follow, but you can register now by downloading a form from HAMCON 2015's website, [www.hamconinc.org](http://www.hamconinc.org) and clicking on "Sign Up!" or by obtaining a form and paying at one of the PVARC's monthly Hesse Park meetings. A PayPal option will be available later this month on the HAMCON website. Considering this convention's early-registration fee is just \$22 (including four free door prize tickets) and has close proximity, you probably won't find another ARRL Convention as convenient as HAMCON 2015. ■

## PVARC Public Service News

## PVARC provides radio support at the 2014 RAT Beach Bike Tour

The PVARC's radio operator team providing communications support at this year's RAT Beach Bike Tour on September 27 had two new challenges.

While there were few issues involving our radio coverage, the Bike Tour had to contend with an unexpected large running event at Dockweiler State Beach competing for using the same pathways and parking areas.

The Los Angeles Unified School District had also scheduled at Dockweiler Beach a 3,500-student 5K run with participants from across the LAUSD's many schools. This 5K's location was at the RAT Beach Bike Tour's first SAG Stop and turnaround point for the 16-mile short bike ride.

The Bike Tour also operated a new water stop this year in Culver City along Ballona Creek that provided a communications challenge. We used an Elk 2-meter/440 log periodic antenna in vertical polarization with a Yaesu FT-8800 mobile radio and 18Ah AGM battery to reach the N6RPV repeater atop San Pedro Hill due to Westchester's bluffs overlooking Ballona Creek.

This year's RAT Beach Bike Tour amateur radio operator team consisted of: Deane Bouvier, N5DQ; Ken Carr, K6HRN; Herb Clarkson, KM6DD; Bob Closson, W6HIP; Steve Collins, KI6TEQ; Matthew Cruse, N6MDC; Diana Feinberg, AI6DF; Dave Held, WA6PHS; and Chris Storey, KA6WNK. ■



**Above:** A communications challenge to reach the N6RPV repeater from the Ballona Creek bike path in Culver City resulted in using a high-gain vertically-polarized VHF/UHF log periodic antenna and mobile VHF/UHF radio with AGM battery (shown atop the rock wall). PHOTO: DIANA FEINBERG, AI6DF



**Above:** Four of our operators shown at the Net Control point in Redondo Beach. From left to right, Deane N5DQ and Matthew N6MDC as Net Control; Ken K6HRN and Steve KI6TEQ, radio operators aboard two Roving Vans during the Bike Tour. Not shown: Chris KA6WNK at Dockweiler Beach; Dave WA6PHS at El Segundo Recreation Park; Bob W6HIP at Torrance's Zamperini Field; and Herb KM6DD at San Pedro's 22<sup>nd</sup> Street Park. PHOTO: DIANA FEINBERG, AI6DF

*PVARC Public Service News*

## The Palos Verdes Half Marathon is Saturday, November 15: A few more PVARC operators are needed!

The PVARC is providing radio communication for the 2014 Palos Verdes Half Marathon on November 15th and 16 club members to-date have volunteered to operate at this key public service event.

An additional six operators would greatly help our operations, so please advise Diana, AI6DF, at [dfeinberg@att.net](mailto:dfeinberg@att.net) if you are available. Our staffing situation this year is more challenging than other years because our next Volunteer Examiner test session at Hesse Park is also scheduled for the morning of November 15.

Are you a new ham operator who would like to operate at the Half Marathon? We'll be glad to pair you with a more-experienced operator at a location along the Marathon route.

Keep you calendars open for Saturday, November 15. ■

## Dr. Kate Hutton's free National Traffic System class to be taught Saturday, November 22, in Long Beach

Dr. Kate Hutton, K6HTN and ARRL LAX Section Traffic Manager, will teach on November 22 the National Traffic System method that prepares any amateur to handle radiogram messages. Her upcoming class—offered free, but with pre-registration required—will be held at the American Red Cross Building, 3150 E. 29<sup>th</sup> Street in Long Beach.

The exact time for this class will be disclosed upon registration to Bill Bradley, WD6FON, at: [wd6fon@arrl.net](mailto:wd6fon@arrl.net) or calling him at 562-531-0534. No walk-ins will be allowed as space is limited to 50 students because of the room size. Participants will need to bring the name, address, zip code, and telephone number of a friend for composing an NTS radiogram message.

The Associated Radio Amateurs of Long Beach is sponsoring this event through their "ARALB Ham University" program. You may also contact Bill Bradley with any questions about this class. ■



## PVARC Short News Items

### Two new hams licensed at the PVARC's recent VE session

Walt Ordway K1DFO taught his latest ham license classes on September 20 and 27, but only two participants from those classes came to our Volunteer Examiner test session on October 4. That test session was on one of the hottest days in 2014.

Fortunately, both test-takers passed their Technician license exams and we welcome them into amateur radio. Serving as the VE team at the October 4<sup>th</sup> test session were: Dan Colburn, W6DC; Matthew Cruse, N6MDC; Diana Feinberg, AI6DF; Alan Soderberg, W8CU; and Norm Thorn, K6UU. Dave Scholler, KG6BPH, served as the session's organizer.

Our next VE test session will be at 10:00 am on Saturday, November 15. ■



### Any interest in a CW Class taught by the PVARC?

Several PVARC members recently asked whether our club will ever have a class teaching Morse Code in addition to regular license classes at Hesse Park.

We'd like to gauge the interest for a CW class, recognizing that participants will likely fall into one of three categories:

- 1) Already learned Morse Code on my own, but want to get over "the hurdle" to use it on-the-air;
- 2) Learned Morse Code years ago to get licensed, but am "rusty" and want to regain my skills.
- 3) Never learned Morse Code.

If interested please advise our Board member Clay Davis, AB9A, at [ab9a@arrl.net](mailto:ab9a@arrl.net) and mention which of the above categories best applies to you.

◆ PVARC's financial report is available upon request to any member.

## Palos Verdes Amateur Radio Club

*An American Radio Relay League Affiliated-Club*

### Board of Directors:

President	Diana Feinberg, AI6DF
Vice President	Malin Dollinger, KO6MD
Treasurer	Peter Landon, KE6JPM
Secretary	Mike Caulfield, AF6VT
Directors	Clay Davis, AB9A, Ray Day, N6HE

### Appointed Offices:

QRO Editor	Diana Feinberg, AI6DF
Webmaster	John Freeman, WW6WW
Club Librarian	Bryant Winchell, W2RGG
K6PV Repeater Trustee	Mel Hughes, K6SY
LAACARC Delegate	Jeff Wolf, K6JW
VE Coordinator	Dave Scholler, KG6BPH
VE Liaison	Diana Feinberg, AI6DF
Net Control Operators	Malin Dollinger, KO6MD, Dale Hanks, N6NNW, Peter Landon, KE6JPM, Bob Sylvest, AB6SY, Dan Yang, K6DPY

### Contacts:

QRO Editor: 310-544-2917, [ai6df@arrl.net](mailto:ai6df@arrl.net)  
Webmaster: 310-541-6971, [jfree@cox.net](mailto:jfree@cox.net)

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

Website: [www.palosverdes.com/pvarc](http://www.palosverdes.com/pvarc)

### Mailing Address:

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

### Monthly Meetings:

Third Wednesday (except August and December) at 7:30 pm at Fred Hesse Park, 29301 Hawthorne Blvd., Rancho Palos Verdes, CA. Visitors always welcome.

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

Club: K6PV, 447.120 MHz (-), PL 100.0, CTCSS  
"PV-West": K6IUM, 449.980 MHz (-), PL 173.8, CTCSS

### To order a Club badge:

Karen Freeman, KG6BNN, 310-541-6971

### To order a Club jacket or patch:

Dave Scholler, KG6BPH, 310-373-8166

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Front page photo—*The Pt. Vicente Lighthouse is shown at dawn before the first rays of sunlight arrive on Sunday, August 17, 2014, during International Lighthouse Weekend.*

PHOTO: DIANA FEINBERG, AI6DF

# Palos Verdes Amateur Radio Club 2014 Calendar

January						
S	M	T	W	T	F	S
		1	2	3	4	
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

April						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

July						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

October						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

February						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	

May						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

August						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

November						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

March						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

June						
S	M	T	W	T	F	S
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8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

September						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

December						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

- xx Club Meeting
- xx PVARC HF Operations
- xx Ham Convention
- xx Club Net
- xx PVARC Public Service
- xx PVARC Ham License Class

## 2014 Major Contest Dates

- ARRL
- CQ Magazine and Other

- Jan. 4-5: ARRL RTTY Roundup
- Jan. 18-19: ARRL January VHF Sweepstakes
- Jan. 24-26: CQ Worldwide 160-Meter (CW)
- Feb. 8-9: CQ Worldwide RTTY WPX
- Feb. 14-16: ARRL DX (CW)
- Feb. 22: North American RTTY QSO Party
- Feb. 21-22: CQ Worldwide 160-Meter (SSB)
- Mar. 1-2: ARRL DX (SSB)
- Mar. 28-30: CQ Worldwide SSB WPX
- May 23-25: CQ Worldwide CW WPX
- Jun. 14-16: ARRL June VHF Contest
- Jun. 28-29: ARRL Field Day
- July 12-13: IARU World Championships
- Jul. 18-20: CQ Worldwide VHF
- Aug. 2-3: ARRL UHF Contest
- Sept. 13-14: ARRL September VHF Contest
- Sept. 26-28: CQ Worldwide RTTY DX
- Oct. 4-5: California QSO Party
- Oct. 24-26: CQ Worldwide SSB DX
- Nov. 1-2: ARRL Sweepstakes (CW)
- Nov. 15-16: ARRL Sweepstakes (SSB)
- Nov. 28-30: CQ Worldwide CW DX
- Dec. 5-7: ARRL 160-Meter Contest
- Dec. 13-14: ARRL 10-Meter Contest

## PVARC Nets

**Tuesdays** at 7:30 pm on K6PV, 447.120 MHz (-), PL 100.0, and 144.910 MHz, Tone Squelch, PL 156.7

## PVARC Meetings & Meals

Meetings 7:30 pm **3<sup>rd</sup> Wednesdays** except February (2<sup>nd</sup> Wed.), August and December (no meeting) at Fred Hesse Park, 29301 Hawthorne Blvd., Rancho Palos Verdes. Guests welcome. A no-host dinner at 5:30 pm before club meetings is held at the Red Onion Restaurant, 736 Silver Spur Road, Rolling Hills Estates.  
**3<sup>rd</sup> Sunday in August:** Annual family picnic at Pt. Vicente Lighthouse.  
**December 10:** Holiday dinner. Ports O'Call Restaurant, San Pedro.

## Major Ham Radio Conventions

- Apr. 4-6: Intl. DX Convention, Visalia
- May 16-18: Dayton HamVention
- July 17-19: ARRL 100<sup>th</sup>, Hartford
- Sept. 12-14: ARRL SW Div., S.Diego.

## PVARC Public Service Events

- August 9:** Rolling Hills Estates "Hills Are Alive" 5K/10K
- Sept. 1:** L.A. Harbor "Conquer the Bridge" Race
- Sept. 27:** RAT Beach Bike Tour
- Nov. 15: (Re-instated)** Palos Verdes Half-Marathon and 10K

## PVARC HF Operating Events

- Feb. 19-23: Islands On The Air DXpedition, Catalina Island;
- June 28-29: ARRL Field Day;
- August 15-17: Intl. Lighthouse Weekend, Pt. Vicente Lighthouse

## PVARC Ham License Classes

Fred Hesse Park (Fireside Room), 29301 Hawthorne Blvd., Rancho PV  
**Feb. 8 & 15; May 3 & 10; Sept. 20 & 27; Nov. 1 & 8**



Palos Verdes Amateur Radio Club  
 P.O. Box 2316  
 Palos Verdes Peninsula, CA 90274  
[www.palosverdes.com/pvarc](http://www.palosverdes.com/pvarc)

**NEW MEMBER &  
 MEMBERSHIP RENEWAL FORM**

**NEW:** \_\_\_\_\_ **RENEWAL:** \_\_\_\_\_ **MEMBERSHIP DATE:** \_\_\_\_\_

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

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

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

**Phone:** Home \_\_\_\_\_ [ ] **Work** \_\_\_\_\_ [ ] **Cell** \_\_\_\_\_ [ ]  
 (please indicate [x] which number(s) [limited to two] you would like included in the PVARC roster)

**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 (\$15.00) \$** \_\_\_\_\_

**Household and/or Family membership (\$17.00) \$** \_\_\_\_\_

**Donation to the John Alexander Fund \$** \_\_\_\_\_

**Donation to the Repeater Fund \$** \_\_\_\_\_

**Other Donation to PVARC \$** \_\_\_\_\_

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

**Please make checks payable to: Palos Verdes Amateur Radio Club; Dues based on January 1<sup>st</sup> to December 31<sup>st</sup> year.  
 All New and Renewal Member applications must be signed below.**

In applying for or renewing my membership in the Palos Verdes Amateur Radio Club, I agree to abide by the Club's constitution and by-laws (available on-line at: <http://www.palosverdes.com/pvarc/constitution.htm> or upon request.

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

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

# Tell your friends and relatives about the PVARC's November 2014 Technician and General license classes



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 the communication "when all else fails" during disasters. Please tell your friends and relatives that with a short course, they can join the over 710,000 men, women, and children in the United States from all walks of life who are licensed to operate ham radios.

## Two Free Amateur Radio Courses

FCC "Technician" course (entry level)

FCC "General" course (2<sup>nd</sup> level)

Each course is 2 sessions

The next sessions are on 1 November & 8 November 2014

Technician 9:30 AM to 1:45 PM both Saturdays

General 2:00 PM to 5:00 PM both Saturdays

FCC tests will be 10:00 AM to Noon on Saturday, 15 November 2014

The Palos Verdes Amateur Radio Club will make a brief presentation at 9:30 AM at the start of the 1 November Technician class on how to get further involved with amateur radio.

The location is Fred Hesse Park,  
29301 Hawthorne Blvd., Rancho Palos Verdes

No pre-registration required; no fee for either course; taking the FCC Test is \$15

### Optional Material (sold at cost)

- Gordon West book with all the FCC test questions,  
\$22 for the Technician, \$26 for the General;

- Copy of PowerPoint charts: \$20 for the Technician, \$20 for the General.

For courses sponsored by the Palos Verdes Amateur Radio Club, students thru grade 12 who also pass their examination at a PVARC 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 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 more information contact Walt, K1DFO, at [waltordway@juno.com](mailto:waltordway@juno.com)

## Captions to photographs and other illustrations in this month's QRO

*Certain software programs that convert the text of PDF files into spoken words reportedly have difficulty converting short stand-alone text items such as photo captions and text boxes. The following combines or explains all short text items in this month's QRO into a larger body of text to facilitate conversion into speech.*

Page 1: The photo at the top shows the Pt. Vicente Lighthouse at dawn before the first rays of sunlight. The photo at middle right shows the Earth's Moon, with artistic lines suggesting the paths of earth-moon-earth bounce communication.

Page 3: The photo at bottom left has the caption: "That's Joe Pace, NZ6L, adjusting our 20-meter hex beam antenna atop one of our cabin buildings during the PVARC's 2014 IOTA trip to Catalina Island. PHOTO: NORM THORN, K6UU"

Page 4: An illustration near the top right shows the Islands On The Air logo with its 50<sup>th</sup> anniversary ribbon.

Page 5: The photo at bottom left has the caption: "A scene from last year's Holiday Dinner at Ports O'Call Restaurant. PHOTO: JOHN FREEMAN, WW6WW"

Page 6: The entire page contains the announcement and RSVP form for our December 10, 2014, Holiday Dinner. The illustration at the top is a holiday floral decoration.

Page 7: The photo occupying most of the page is from the ARRL's Facebook page showing PVARC member Laura Behenna, KK6BFI, operating W1AW at the ARRL Headquarters one day during September 2014.

Page 8: The entire page is an announcement for the Boy Scouts Jamboree on the Air event on Saturday, October 18. The photo in the center shows Cabrillo Beach's Youth Center where much of the JOTA program will be based. Below that are flags of many nations expected to be part of the world-wide JOTA event.

Page 9: The illustration at top right shows HAMCON 2015's logo with the caption, "HAMCON 2015's distinctive logo (neither round nor square) will also be on pins and patches available to convention-goers. For PVARC members ham radio conventions do not get more convenient than this."

Page 10: The article about this year's RAT Beach Bike Tour has two photos. The top right photo has the caption, "A communications challenge to reach the N6RPV repeater from the Ballona Creek bike path in Culver City resulted in using a high-gain vertically-polarized VHF/UHF log periodic antenna and mobile VHF/UHF radio with AGM battery (shown atop the rock wall). PHOTO: DIANA FEINBERG, AI6DF". The bottom right photo has the caption, "Four of our operators shown at the Net Control point in Redondo Beach. From left to right, Deane N5DQ and Matthew N6MDC as Net Control; Ken K6HRN and Steve KI6TEQ, radio operators aboard two Roving Vans during the Bike Tour. Not shown: Chris KA6WNK at Dockweiler Beach; Dave WA6PHS at El Segundo Recreation Park; Bob W6HIP at Torrance's Zamperini Field; and Herb KM6DD at San Pedro's 22<sup>nd</sup> Street Park. PHOTO: DIANA FEINBERG, AI6DF"

Page 11: Logos on this page are for (on top left) the Palos Verdes Half Marathon and (at center right) the ARRL's National Traffic System.

Page 13: The entire page is the PVARC's calendar of events for 2014.

Page 14: The entire page is the PVARC's membership form.

Page 15: The entire page is the announcement for Walt Ordway's K1DFO next round of ham radio license classes at Hesse Park. The photo at the top left shows a Kenwood 2-meter HT transceiver.