

*Season's Greetings and Peace to All  
From the Palos Verdes Amateur Radio Club*

# QRO

THE MONTHLY NEWSLETTER OF THE PALOS VERDES AMATEUR RADIO CLUB

DECEMBER 2014



*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*

*RSVP in advance*

# Ham radio had a big national anniversary in 2014...and we're having our own in 2015

By Diana Feinberg, AI6DF  
PVARC President

A coffee mug I received as a birthday gift in 1992 was humorously emblazoned with a cogent thought: **“Those who have the most birthdays live the longest!”**

In ham radio, our birthdays are known as anniversaries and the recent party isn't stopping. The American Radio Relay League celebrated its 100<sup>th</sup> anniversary throughout 2014 with a panoply of activities. Soon the Palos Verdes Amateur Radio Club has its turn as we celebrate our 40<sup>th</sup> anniversary in 2015.

The PVARC was founded in June 1975. Today it is one of the largest amateur radio clubs in Los Angeles County. During those 40 years we've seen amateur radio mirroring changes in our populations, workplaces, and technologies. We've adapted to many of these changes and continue to thrive while some other radio clubs in Los Angeles County are struggling.

The Palos Verdes Peninsula got “on the map” for amateur radio in large part due to famed DXer Don Wallace, W6AM (SK), whose massive rhombic antenna system and other antennas spanned 63 telephone poles on 125 acres at his Highridge Road “radio ranch” along the Peninsula's crest during 1945-1985. Some ham radio historians consider the W6AM station the greatest amateur radio station ever built. Don was also in a position to afford it.

W6AM's fame within the amateur radio world (#1 on the DX Honor Roll) encouraged other hams to settle on the Palos Verdes Peninsula. Although W6AM passed away in 1985, his worldwide notoriety continues to this day. At last April's International DX Convention in Visalia, CA, numerous attendees asked if I had seen Don Wallace's station after learning I lived on the Palos Verdes Peninsula. They still remember.

During 2015 the PVARC's **QRO** newsletter will have articles reflecting how our club evolved since

its founding. We've sure witnessed major changes since 1975, including:

- A sharp reduction in the South Bay's aerospace industry where many hams had been employed.
- A re-focusing of amateur radio to further embrace emergency communication.
- A complete change from tube to solid-state technology (except for some linear amplifiers).
- Surface-mount component technology that's difficult for even many experienced hams to service.
- The enormous growth of personal computers and software in today's ham radio activity.
- Inability to have antenna towers at many property locations.
- Challenges contacting many DX entities in recent years due to either armed conflicts or many islands around the world no longer having a permanent ham radio presence.

DXing is still a popular pursuit (at least, it is for me!) but ham radio has many other avenues for personal fulfillment too. We know every amateur operator will find an area of interest—and perhaps (like me) have multiple areas of radio interest.

The PVARC's first 40 years were exciting and we won't forget them. It's in that spirit we honor Don Wallace's legacy by giving an annual W6AM Rhombic Award at each year's PVARC Holiday Dinner to a member who has performed exemplary service to our club. A short length of wire from Don's rhombic antenna is affixed to our Rhombic Award plaques.

So as we enter 2015, I hope our club will receive or find a coffee mug like my 1992 birthday gift but with this cogent thought: **“The club that has the most anniversaries lives the longest.”** Thank you to all our members for your support. ■

*PVARC Short News Items*

## The PVARC's upcoming meeting topics...and beyond

The PVARC's December meeting is our Holiday Dinner at the Ports O'Call Restaurant in San Pedro on December 10. Presented at the dinner will be our annual W6AM Rhombic Award for outstanding service to the PVARC followed by our presentation on "Amateur Radio's International Lighthouse and Lightship Weekend" and our door prize drawings.

Our monthly meetings at Hesse Park resume on January 21, 2015, when Mike Scofield, N6OKG, of Loma Linda presents "Frequency Re-Use over Terrain." The January **QRO** issue will have more information about his topic.

Our February and March 2015 meeting topics are both presented by our own Ray Day, N6HE. Ray's topic on February 18 will cover everything you'd like to know about "Baluns and RF Chokes." His presentation at our March 18 meeting reviews the highlights (and perhaps some lowlights too) of our upcoming Islands On The Air DXpedition to Catalina Island (February 25-March 1, 2015). This IOTA DXpedition will offer some new operating options due to higher luggage allowances enabling us to bring more gear (and more food!)

Diana, AI6DF, is scheduled to also present "Amateur Radio's International Lighthouse and Lightship Weekend" at the Tri-County Amateur Radio Association's monthly meeting in La Verne on January 14, 2015, and at the W6TRW Radio Club's monthly meeting on April 14, 2015, in Redondo Beach. ■

### Robert Lace, W6ODI (SK)

We only recently learned long-time PVARC member Bob Lace, W6ODI, became a Silent Key on September 1, 2014, at age 94. His wife Edie passed away in February 2013 at age 91.

Bob and Edie sold their Rancho Palos Verdes home of 41 years in May 2012 and moved to an assisted-living facility due to their health situations. While preparing their home for sale Bob donated to the PVARC his extensive collection of electronic components and parts from his garage workshop where he built numerous electronic devices. Bob's components were then made available free of charge to PVARC members at five club meetings in 2012.

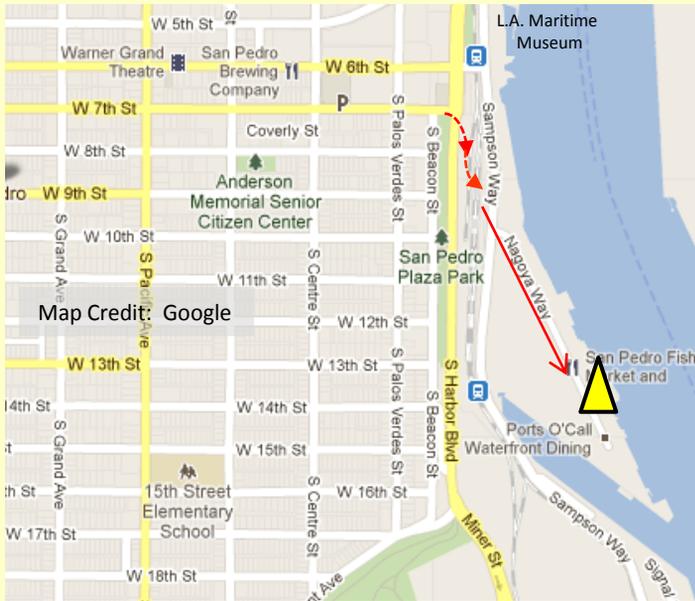
Bob's professional career spanned sales and marketing management positions at four electronics manufacturers, including TRW Semiconductor and Siemens. His principal hobbies besides amateur radio were boating and flying radio-controlled model aircraft. Along with other PVARC members, Bob also actively supported the World War II SS Lane Victory merchant marine ship in Los Angeles Harbor.

We appreciated Bob's support for the PVARC over the years and will miss him. ■

## PVARC Holiday Dinner Location

### Directions to Ports O'Call Restaurant

**From the north:** Take Harbor Freeway, exit on Vincent Thomas Bridge ramp, exit at Harbor Blvd. , go south to 6<sup>th</sup> St. Turn left at 6<sup>th</sup> at L.A. Maritime Museum, cross rail track, then turn right. Go south on Sampson Way for 3 blocks, then left on Nagoya Way. **From west:** Take 6<sup>th</sup> Street east from Western or Gaffey to Harbor Blvd. in front of L.A. Maritime Museum. Cross train tracks, turn right (south) onto Sampson Way for 3 blocks, then left.

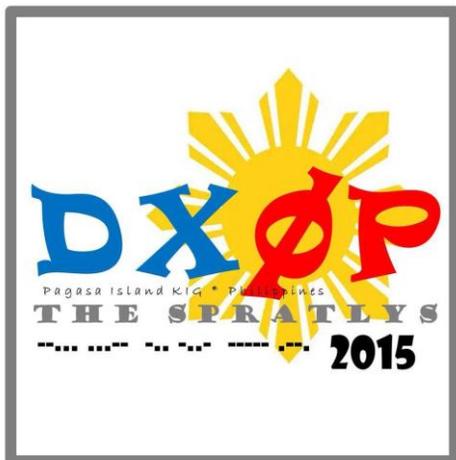


When you see this helmsman you are just outside the restaurant's entrance.

Our dinner location is the 2<sup>nd</sup>-floor Breakwater Room, located at top of the stairs just inside the restaurant entrance. There is also an adjacent elevator to reach the 2<sup>nd</sup> floor. PHOTOS: DIANA FEINBERG, AI6DF



## PVARC member Joel Pastor, WJ1P/DU1JP, part of team organizing April 2015 DXpedition to the Spratly Islands



**Above:** Logo of the 2015 DXOP DXpedition to Pagasa Island in the Spratly Islands.

**Below:** Satellite view showing location of the Spratly Islands.  
BASE IMAGE: GOOGLE MAPS

The PVARC's Islands On The Air DXpedition is heading 22 miles to Catalina Island next February. But in April 2015 PVARC member Joel Pastor, WJ1P and DU1JP, will easily top that.

Joel is traveling nearly 7,800 miles on a DXpedition to Pagasa Island (IOTA AS-051), one of the Spratly Islands in the South China Sea. Joel has been a co-organizer of this DXpedition with the Mabuhay DX Group, whose team consists entirely of Filipino-American, Filipino-Canadian, and Filipino amateur operators. Their DXpedition call sign on Pagasa Island will be DXOP—a truly unique call among DXpedition annals.

Joel and his team have been organizing this DXpedition since early 2013 and have support from several ham radio manufacturers as well as the Philippine Amateur Radio Association. At the DXpedition's conclusion all radio equipment and antennas will be donated to the island's small municipality to create a permanent ham station that future DXpeditions may also use.

We'll report more on the DXOP DXpedition in the months ahead. ■



## PVARC News:

## Anyone have National NC-173 receiver needed for a movie?

We received a request to ask PVARC members if they own a "boat anchor" National NC-173 receiver and would be willing to sell it for use in a movie.

We do not know which film this radio would be used in. But it is known Norwegian explorer Thor Heyerdahl had a National NC-173 on his 1947 Kon-Tiki raft expedition to Polynesia, so perhaps another Kon-Tiki movie is in the works? The NC-173 was produced between 1947 and 1955. It sold initially for \$189 in 1947--adjusted for inflation, that's \$2,012 in 2014 dollars. ■



A National Radio Corp. NC-173, circa 1947-1955.  
PHOTO CREDIT <http://www.radioing.com/museum/rx5.html>

*Here is the full request:*

Subject: **National NC-173 Receiver**

Hi,

I am working on a film that is looking to purchase an NC-173 receiver. Is there a way to post on your site to see if anyone in the LA area has one available?

Thank you,

--

Jennifer Stoefen  
Art Department Coordinator  
858-336-4757.

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

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, AC6RW  
PAT BREWSTER, KK6KCL  
LUIS CARRANZA, KK6PIN  
JOSEPH ENFIELD, KK6PIO  
CHRIS SIOURIS, KK6PRU

## PVARC Short News Items

### PVARC “Library” inventory in-progress; items at your QTH?

Our club periodically receives donated radio-related books, videos, instructional materials, and other printed matter. Earlier this year the PVARC received a significant donated batch of technical radio books dating from the 1930's.

We want these publications and other materials to be more-accessible for our members to borrow. But first, we need to catalog all items along with documenting where they are stored.

These books and other items are mostly stored at the homes of current Board of Directors members, but perhaps other members have some club materials at their locations too. In the absence of a permanent office or storage site we expect to continue storing club-owned books and related items at certain members' home and--upon request --bring desired materials to club meetings for members to borrow.

Please advise if you have any club-owned publications stored in your garage, ham shack, or spare room that we can add to the club's library list. ■

### Update on PVARC CW training

Twelve PVARC members have indicated interest in some form of CW training to either learn Morse code or regain proficiency with it.

Several options are available for learning Morse code from the beginning. First, anyone can learn on their own using one of many free self-paced CW programs available for downloading. Second, there is a Gordon West CW course on audio CDs that is being added to our club library. Third, we are waiting to learn when the Associated Radio Amateurs of Long Beach will be holding their CW classes in early-2015 (expected to cost around \$10 to cover CD and other material costs.)

For those wishing to regain proficiency or improve their current skills our CW experts are willing to work separately with anyone at their own speed and interest level. More info to follow. ■

◆ 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, [jrfree@cox.net](mailto:jrfree@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 and grounds shown after sunset on an early-winter day.*  
PHOTO: DIANA FEINBERG, AI6DF

## And now, something different at Pt. Vicente Lighthouse... our KI6KUK was there



**Top:** A U.S. Coast Guard helicopter made quite a scene during lengthy training exercises on November 20, 2014. PHOTO: CURTIS WATANABE, KI6KUK



**Below:** The helicopter crew practiced lowering and hoisting personnel almost 200-feet above the rocky shoreline. PHOTO: CURTIS WATANABE, KI6KUK

## PVARC News

## PVARC 2015 dues coming due, same low cost as 2014

Just a reminder...PVARC annual membership dues for 2015 are coming due. If you haven't already renewed, please take a moment to send your 2015 dues and annual membership renewal form (shown on the next page of this **QRO** issue.) Thank you to those who have already renewed.

The PVARC continues having among the lowest dues of amateur radio clubs in Los Angeles County. Annual dues for 2015 remain at just \$15 for a single person membership and \$17 for a family membership. The table below shows dues for some other ham clubs that are not affiliated with an employer.

In addition to having one of the lowest membership costs, we offer great value to our members through many activities. We have a deep base of radio knowledge that members can tap; monthly speakers at club meetings; interesting HF operating events from our annual Islands On The Air DXpedition to Catalina Island and International Lighthouse Weekend; our annual family picnic at the Pt. Vicente Lighthouse; a great Field Day experience; a monthly newsletter; frequent ham radio gift certificates as prizes; free ham license classes; and opportunities to operate at meaningful public service activities. Above all, we strive for a friendly atmosphere where all members are treated respectfully regardless of license class or experience.

You may send your renewal form and payment to our mailing address (P.O. Box 2316, Palos Verdes Peninsula, CA 90274-8316) or bring them to our January meeting. We appreciate your continued support and always seek to better serve our members and South Bay communities. Let us know how we can improve your amateur radio experiences. ■

L.A.-Area Amateur Radio Clubs (Non-employer affiliated)	Annual Dues— Single Membership	Annual Dues— Family Membership
<b>Palos Verdes Amateur Radio Club</b>	<b>\$15</b>	<b>\$17</b>
San Fernando Valley Amateur Radio Club	\$18	+ \$6 for each
South Bay Amateur Radio Club	\$20	\$30
United Radio Amateur Club	\$20	\$25
Downey Amateur Radio Club	\$20	\$35
Westside Amateur Radio Club	\$20	+ \$7.50 for each
Southern California DX Club	\$24	+ \$6 for each
Associated Radio Amateurs of Long Beach	\$25	+ \$5 for each
Pasadena Radio Club	\$25	None
Independent Radio Club	\$35	\$35
Crescenta Valley Radio Club	\$35	None

**Data:** Club websites, as of December 7, 2014.



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: \_\_\_\_\_

## **Still available: PVARC member KA6UHM offering three EME dish antennas and supports for sale**

Any interest in acquiring some Earth-Moon-Earth antenna dishes and supports?

PVARC member Brian Tilley, KA6UHM, is offering any of his three 3-meter antenna dishes and associated supports at reasonable prices to interested PVARC members. Brian has been interested in EME for some time but for physical reasons is unable to continue operating with this mode.

Brian's three dish antennas are the diameter size suggested by our last meeting speaker, Doug Millar, K6JEY, for EME and other antenna projects.

- Dish 1 is an all-metal 3-meter dish originally used by Western Electric. Brian has a collection of metal angle stock intended to be used for assembling a framework that would hold this dish.
- Dish 2 is a 3-meter diameter fiberglass dish containing a fine metal mesh that acts as the reflecting surface. Dish 2 has a triangular framework that converges at the focus where the antenna would be mounted and a mounting frame assembly allowing for elevation adjustment and a metal pipe to hold the whole assembly.
- Dish 3 is also a 3-meter diameter fiberglass dish with a fine metal mesh contained in the fiberglass material to provide a reflecting surface. Dish 3 has a triangular framework that converges at the focus where the antenna would be mounted.

All three dishes are located in Brian's backyard and sold as-is. For further information please contact Brian KA6UHM at the phone or email address shown in the PVARC member roster. ■



**Above:** Dish 1 is a Western Electric 3-meter diameter metal dish antenna, shown in Brian KA6UHM's backyard.  
PHOTO: BRIAN TILLEY, KA6UHM



**Above:** Dish antennas 2 and 3 are made of fiberglass epoxy with an embedded metal mesh as the reflecting surface, also shown in Brian KA6UHM's backyard. The second fiberglass dish antenna is underneath the top one. Some of the angle stock that holds these dishes is shown in foreground.  
PHOTO: BRIAN TILLEY, KA6UHM

**Still available from PVARC member:**

**Interested in acquiring an assembled Elecraft K2 HF transceiver?**



**FOR SALE: Elecraft K2 160 – 10 Meter HF Transceiver (SN 03429) and Accessories**

This K2 (SN 03429) is cosmetically excellent and extensively optioned with genuine Elecraft factory upgrades. Upgrades and other included items:

- KPA100 (100 watt) power amplifier
- KAT100 automatic antenna tuner
- Elecraft MH-2 hand microphone
- KSB2 SSB adapter
- KNB2 noise blanker
- K160RX 160 meter module
- KIO2 auxiliary I/O module (for computer interfacing)
- Serial "Y" cable for computer interfacing
- Coax jumper cable for XCVR out to ATU in
- Temperature-compensated PLL reference upgrade
- KDSP2 internal DSP unit and real time clock (installed)
- KAF2 audio filter (can be installed in place of KDSP2 if desired)
- DC power cable with Anderson Powerpoles
- KPA100 shield upgrade
- Fully updated firmware (v.2.04)
- Original manuals plus "Nifty" pocket manual and additional documentation.
- The radio was calibrated by an Elecraft-affiliated technician in March 2014 and meets all factory specifications.

Price, including radio and all accessories as above: \$1400.

For further information or to see the radio, contact Jeff, K6JW at the PVARC roster e-mail address or telephone number.

# 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						
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July						
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October						
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February						
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May						
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August						
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31						

November						
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30						

March						
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30	31					

June						
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29	30					

September						
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December						
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27	28	29	30	31		

- xx Club Meeting
- xx Club Net
- xx PVARC HF Operations
- xx PVARC Public Service
- xx Ham Convention
- 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 **3rd Wednesdays** except February (2nd 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.  
**3rd 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 100th, 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:** 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**

## Tell your friends and relatives about the PVARC's February 2015 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 21 February and 28 February, 2015

**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, 7 March, 2015.

The Palos Verdes Amateur Radio Club will make a brief presentation at 9:30 AM at the start of the 21 February Technician class on how to get further involved with amateur radio.

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

**Confirm your attendance to Walt, K1DFO at [waltordway@juno.com](mailto:waltordway@juno.com)**

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,

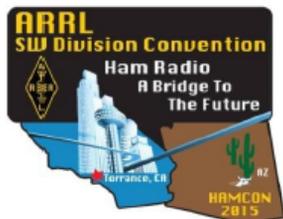
\$22 for the Technician, \$26 for the General;

- 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)



## HAMCON 2015

### 2015 ARRL Southwestern Division Convention

September 11-13, 2015  
 Torrance Marriott South Bay Hotel  
 3635 Fashion Way, Torrance, CA 90503

#### Convention Registration Form

Visit us at: [www.hamconinc.org/](http://www.hamconinc.org/)

All attendees over 16 years old must have a separate paid registration; no charge for registered children under 16 when accompanied by paid Adult registrant. Children under 16 will receive different color ID.

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

Last name: \_\_\_\_\_

First name: \_\_\_\_\_

Street or mailing address: \_\_\_\_\_

City: \_\_\_\_\_

State & ZIP Code: \_\_\_\_\_

E-mail address: \_\_\_\_\_

Phone: \_\_\_\_\_

**Additional Attendee #1**

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

Adult:  Child:

Last name: \_\_\_\_\_

First name: \_\_\_\_\_

**Additional Attendee #2**

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

Adult:  Child:

Last name: \_\_\_\_\_

First name: \_\_\_\_\_

**Additional Attendee #3**

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

Adult:  Child:

Last name: \_\_\_\_\_

First name: \_\_\_\_\_

Every adult Early Registrant receives a free Convention Pin or Patch (a \$5 value): # of Pins \_\_\_\_; Patches \_\_\_\_

	Per Person	x	Number	= \$ Total
Early Registration, postmarked by July 31, 2015:	\$22			
Regular Registration, Aug. 1-Sept. 13, 2015:	\$27			
Saturday Lunch** : __Chicken __Vegetarian	\$32			
Saturday Dinner** : __Chicken __Vegetarian	\$50			
Saturday Dinner** : __Beef (reflects hotel's cost)	\$58			
Sunday Breakfast** (plated meal: meat, eggs, + )	\$25			

\*\* Each meal has a special prize drawing exclusively for attendees

Additional Convention Pins \_\_\_\_ or Patches \_\_\_\_ \$5 ea.

For discounted HAMCON room rates at the Torrance Marriott Hotel, visit [www.hamconinc.org](http://www.hamconinc.org) by Aug. 15, 2015; in Main Menu click on "Hotel Room Reservations"

<b>Total Amount Paid:</b>	
Cash	Check

**Please send Registration Form and Check to:**

For HAMCON staff use:  
 Registration received by: \_\_\_\_\_  
 Date received & registration #: \_\_\_\_\_  
 Amount received: \$ \_\_\_\_\_

HAMCON Inc.  
 c/o Margie Hoffman, KG6TBR  
 21612 Grovepark Dr.  
 Santa Clarita, CA 91350

## 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 dusk on an early winter evening. The ARRL logo and PVARC logo are in the top right corner. The illustration at the bottom of the page is the invitation to the club's Holiday Dinner on December 10<sup>th</sup>.

Page 4: A map at the upper left shows the direction to Ports O'Call Restaurant in San Pedro. The photo at top right has the caption, "When you see this helmsman you are just outside the restaurant's entrance." The photo at the bottom shows the room where our club dinner will be held and has the caption, "Our dinner location is the 2<sup>nd</sup>-floor Breakwater Room, located at top of the stairs just inside the restaurant entrance. There is also an adjacent elevator to reach the 2<sup>nd</sup> floor. PHOTOS: DIANA FEINBERG, AI6DF"

Page 5: The illustration at top left is the logo for the DXOP DXpedition to the Spratly Islands. The illustration at the bottom is a satellite image from Google Maps showing the location of the Spratly Islands in the South China Sea near the Philippines.

Page 6: The photo on the middle left side shows a National NC-173 receiver, produced during 1947-1955.

Page 8: Two photos show a Coast Guard helicopter conducting training next to the Pt. Vicente Lighthouse. The top photo has the caption, "Top: A U.S. Coast Guard helicopter made quite a scene during lengthy training exercises on November 20, 2014. PHOTO: CURTIS WATANABE, KI6KUK ". The bottom photo has the caption, "Below: The helicopter crew practiced lowering and hoisting personnel almost 200-feet above the rocky shoreline. PHOTO: CURTIS WATANABE, KI6KUK ".

Page 9: A table of figures in the bottom half of the page compares the annual membership dues of the PVARC with other clubs in the Los Angeles area.

Page 10: The entire page is the PVARC's membership application and membership renewal form.

Page 11: Two photos show the Earth-Moon-Earth dish antennas being offered for sale by Brian, KA6UHM. The top right photo has the caption, "Above: Dish 1 is a Western Electric 3-meter diameter metal dish antenna, shown in Brian KA6UHM's backyard. PHOTO: BRIAN TILLEY, KA6UHM ". The center right photo has the caption, "Above: Dish antennas 2 and 3 are made of fiberglass epoxy with an embedded metal mesh as the reflecting surface, also shown in Brian KA6UHM's backyard. The second fiberglass dish antenna is underneath the top one. Some of the angle stock that holds these dishes is shown in foreground. PHOTO: BRIAN TILLEY, KA6UHM ".

Page 12: The photograph shows the Elecraft K-2 transceiver being offered for sale by Jeff, K6JW.

Page 13: The entire page is the club's annual activity calendar.

Page 14: The entire page announces the February 2015 ham radio classes taught by Walt Ordway, K1DFO.

Page 15: The entire page is the registration form for HAMCON 2015, the 2015 ARRL Southwestern Division Convention being held at the Torrance Marriott Hotel during September 11-13, 2015.