



QRO

MONTHLY NEWSLETTER OF THE PALOS VERDES AMATEUR RADIO CLUB

NOVEMBER 2016

There's much to learn about solar power for amateur radio

If only it was so simple...just aiming a solar panel at the sun and tapping any watts generated. Our November 16 meeting presentation about Solar Power for Amateur Radio will explain the complexities of solar generation you might need to operate during emergency situations—or otherwise keep batteries fully charged.

This presentation by Clay Davis, AB9A, and Bob Sylvest, AB6SY, had its origin in work they did for the City of Palos Verdes Estates Neighborhood Amateur Radio Team. NART wanted solar power for maintaining radio communication when commercial power went out...but as Clay and Bob began investigating they learned there's much more to solar than one might think.

See you Wednesday, November 16 at 7:30 pm and/or pre-meeting dinner at the Red Onion Restaurant. ■

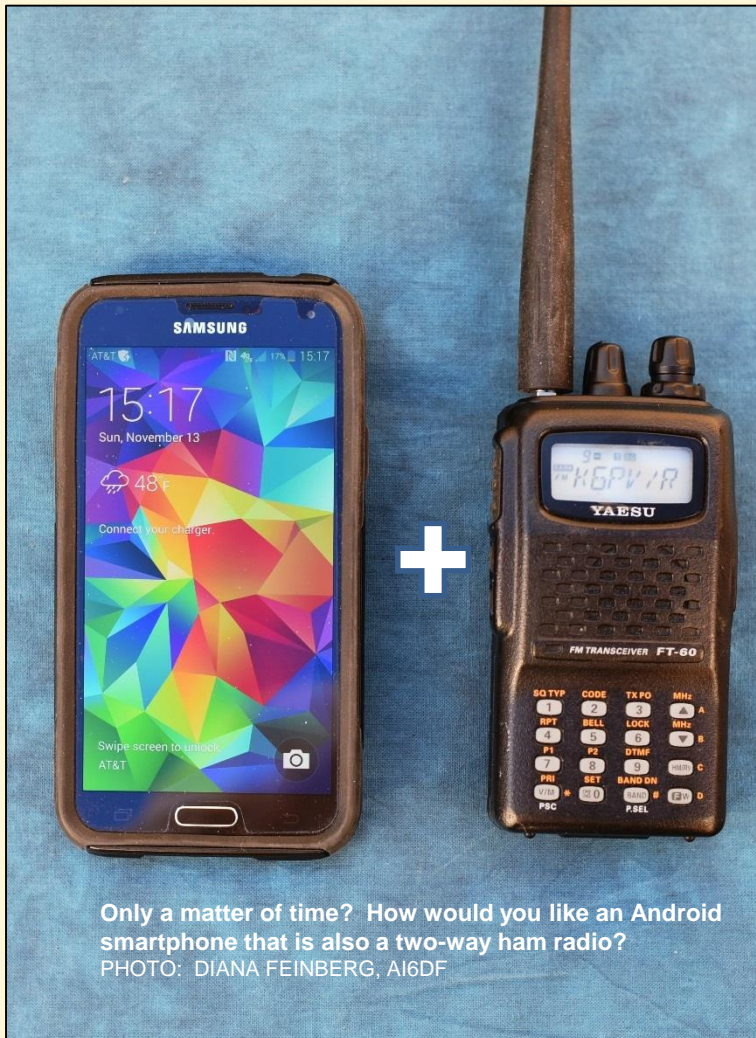
“Solar Power for Amateur Radio”

**Clay Davis, AB9A,
and Bob Sylvest, AB6SY**

PVARC Monthly Meeting,
Wednesday, Nov. 16, 2016, 7:30 pm
at Fred Hesse Community Park,
29301 Hawthorne Blvd.,
Rancho Palos Verdes,
Visitors Welcome.

Optional no-host pre-meeting dinner
from 5:30-7:00 pm in the Red Onion
Restaurant, 706 Silver Spur Road,
Rolling Hills Estates. (No reservation
required, order what you wish from
the full menu.)

Could this convergence be a “game-changer” in VHF/UHF amateur radio?



Only a matter of time? How would you like an Android smartphone that is also a two-way ham radio?
PHOTO: DIANA FEINBERG, AI6DF

By Diana Feinberg, AI6DF
PVARC President and
QRO Editor

Technology “game-changers” sometimes quickly change the game. We’ve seen software-defined radio make enormous inroads during the past eight years...while Dick Tracy’s “two-way TV wrist watch” from our comic strip youth took nearly six decades to essentially become the Apple™ Watch.

Now comes a potential “game-changer” for the two-way radio marketplace to judge whether worthwhile. How does merging your Android smartphone with your HT radio into one device appeal to you? Especially morphing into a touchscreen amateur HT radio that requires no programming to use most repeaters? ***Continued on next page ►***



Above: The announced \$699 RFinder Android smartphone with 4G LTE, dual cameras, Bluetooth, touchscreen 440 amateur radio transceiver plus more.
PHOTO: RFinder Android Radio website

Could this convergence be a “game-changer” in VHF/UHF amateur radio?

► *Continued from previous page*

What makes this combination smartphone and HT radio unique (and part of the game-changing) is its link with RFinder, a subscription online database of nearly all amateur radio repeaters that can be downloaded into these devices. A user need only touch on the screen which repeater they wish to use and all radio settings for that repeater are automatically enabled. There's no need to learn programming the radio using front-panel buttons, multi-level menus, or via computer software and cable. On November 8, 2016, the ARRL announced that RFinder will become the aggregator of repeater data published in the ARRL Repeater Directory. It's important to note RFinder's database includes non-coordinated repeaters by taking listings directly from individuals as well official lists from regional repeater coordination boards.

RFinder also has announced a \$799 Android tablet smartphone that doubles as a two-way radio (see photo below) using the same touchscreen technology for selecting repeaters. Both the handheld and tablet smartphones are full-featured with front and rear cameras including full HD video capability, audio recording, Bluetooth, internet connectivity, GPS, other Android apps, plus a micro SD memory card slot and micro USB connector.

It remains to be seen whether the amateur radio market wants a unified Android smartphone with a ham radio transceiver. However, there is certainly a much bigger game-changing market in the Part 90 commercial radio universe of business, government, and school users. But don't ditch your conventional amateur HT radios just yet—these “game-changing” smartphone radios still do not cover 2-meters or 220 Mhz. ■

Right: The tablet version of RFinder's integrated smartphone and two-way radio. PHOTO: RFinder Android Radio website



2016 ARRL Field Day results just published: in 2A class, K6PV 1st in ARRL LAX Section; 2nd in ARRL SW Division

Field Day Year	(A) K6PV (2A Station) Total Points	(B) K6PV Rank of all U.S. & Canada Field Day stations (all classes)	(C) K6PV of all 2A stations, ARRL Southwestern Division	(D) K6PV of all 2A stations, ARRL LAX Section
				
2016	4,742	243 rd of 2,696 (top 9% of all U.S. FD stations)	2 nd of 31	1 st of 9
2015	5,780	193 rd of 2,270 (top 7% of all U.S. FD stations)	4 th of 27	3 rd of 9
2014	4,932	252 nd of 2,686 (top 9% of all U.S. FD stations)	4 th of 32	2 nd of 9
2013*	4,248	331 st of 2,548	5 th of 26	1 st of 5
2012	5,188	259 th of 2,617	5 th of 24	1 st of 8
2011*	4,492	341 st of 2,632	6 th of 24	1 st of 5
2010	5,468	219 th of 2,617	5 th of 31	1 st of 8
2009*	3,930	391 st of 2,603	9 th of 27	3 rd of 7
2008	4,160	332 nd of 2,409	4 th of 27	1 st of 9
2007	3,216	511 th of 2,331	6 th of 28	2 nd of 7
2006	5,242	223 rd of 2,169	4 th of 30	2 nd of 5
2005	6,216	162 nd of 2,199	3 rd of 32	2 nd of 8
2004	7,118	126 th of 2,242	3 rd of 30	2 nd of 7
2003	6,192	126 th of 2,079	4 th of 37	3 rd of 8
2002	6,246	194 th of 2,099	3 rd of 28	1 st of 7

The PVARC's K6PV 2A 2016 Field Day station finished in the top 9% of all Field Day stations nationwide, according to the ARRL Field Day database published on November 11.

Our 4,742 points in 2016 were less than recent years due to propagation issues affecting SSB but nevertheless we ranked #1 among all Class 2A stations in the ARRL's Los Angeles Section.

We also finished 2nd among among all 2A stations in the ARRL Southwestern Division (11 counties in So. California plus all of Arizona). K6PV hadn't ranked 2nd in the Southwestern Division in recent memory (see table).

Overcoming the SSB challenges were spectacular QSO accomplishments by our two CW operators Rocco Lardiere, N6KN, and Jerry Kendrick, NG6R. Together they made 931 CW contacts in 24 hours. Thank you! ■

A "2A" Field Day station consists of two transmitters, plus a bonus VHF/UHF station, all operating on emergency power sources.

PVARC (and its members) represented amateur radio and more at Peninsula Preparedness Expo

Amateur radio operators abundantly staffed exhibits at the 2nd annual Peninsula Preparedness Expo on October 30th inside the Norris Pavilion in Rolling Hills Estates to spread disaster readiness.

The PVARC's exhibit space, manned by Ray Day, N6HE, and Clay Davis, AB9A, was a very busy place during the Expo's three-hour run as several hundred people stopped by to learn about amateur radio. Ray and Clay distributed all 44 flyers we printed announcing upcoming license classes taught by Walt Ordway, K1DFO. (Walt subsequently had the year's largest class turnout.)

The PVARC exhibit also featured numerous QSL cards and a CW paddle with keyer that Clay used to teach young people how to send the first letter of their name.

Also at the Expo were the City of Rancho Palos Verdes' PVAN amateur radio group (represented by Pat Hutchings, W6PBH) and the City of Palos Verdes Estates NART radio group whose exhibit was staffed by Bob Sylvest, AB6SY, and Alan LaFever, AK6G, with others.

L.A. County DCS's Lomita and South Los Angeles Stations were represented by **QRO** editor Diana Feinberg, AI6DF, along with other DCS operators.

Additionally our Bob Closson, W6HIP, represented Rolling Hills Estates Neighborhood Watch and Cindy Sattler, KK6EOZ, helped staff the Palos Verdes Peninsula CERT exhibit. ■



Making eyeball to eyeball QSO's: Ray Day, N6HE, and Clay Davis, AB9A, staffed the PVARC exhibit at the Peninsula Preparedness Expo. Top photo, just after setting-up before the crowds arrived; Bottom photo, people just kept coming by.
PHOTOS: DIANA FEINBERG, AI6DF



Make reservations by Nov. 28 for PVARC's Holiday Dinner, Dec. 8

We'll be at the Los Verdes Golf Course in Rancho Palos Verdes on Thursday, December 8, for this year's PVARC Holiday Dinner.

Besides an abundance of food at our buffet dinner we also have an abundance of door prizes totaling \$1,000 in value. This somewhat higher prize pool than usual resulted in part from not holding our annual picnic at Pt. Vicente Lighthouse due to unexpected movie production last August.

Please make your Holiday Dinner reservations by November 28 when our headcount is due. The menu and reservation form appear on page 13 in this **QRO** issue.

The dinner's "meet and greet" is 6:30-7:00 pm and our buffet begins just after 7:00 pm. A mystery guest speaker will give a presentation and we'll also bestow our annual W6AM Rhombic Award to a club member who has provided exemplary service.

Season's Greetings and we look forward to seeing you at the Holiday Dinner. ■

◆ 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	Laura Behenna, KK6BFI
Treasurer	Bob Sylvest, AB6SY
Secretary	Ron Wagner, AC6RW
Directors	Clay Davis, AB9A, Ray Day, N6HE

Appointed Offices:

QRO Editor	Diana Feinberg, AI6DF
Webmaster	John Freeman, WW6WW
Club Librarian	Bryant Winchell, W2RGG
K6PV QSL Manager	Jeff Wolf, K6JW
K6PV Repeater Trustee	Mel Hughes, K6SY
LAACARC Delegate	Jeff Wolf, K6JW
VE Coordinator	Dave Scholler, KG6BPH
VE ARRL Liaison	Jerry Shaw, KI6RRD
Net Control Operators	Malin Dollinger, KO6MD, Dale Hanks, N6NNW, Bob Sylvest, AB6SY, Ron Wagner, AC6RW, Dan Yang, K6DPY

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Webmaster: 310-541-6971, jfree@cox.net

Email us: k6pv@arrl.net

Website: www.k6pv.org

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 just after sunset on a November evening.*

PHOTO: DIANA FEINBERG, AI6DF

Contact our U.S. Senators to support H.R. 1301, the Amateur Radio Parity Act if you haven't done so...

We have an opportunity to positively affect Amateur Radio for years to come. H.R. 1301, the Amateur Radio Parity Act, has unanimously passed the House of Representatives and moved on to the Senate for consideration.

All you need to do is spend two minutes of your time to send an email to your two Senators supporting the Bill. By doing so, you will have helped the future of Amateur Radio by guaranteeing our ability to have an effective outdoor antenna in a deed-restricted community.

The number of people living in such communities grows exponentially each year. Often, a ham homeowner has no choice but to live in a community restricted by covenants. There are nearly 3/4 of a million licensed hams in the United States, more than ever before. But that may change if we are forced to live in a community that refuses to allow an antenna.

Help yourself and help your fellow hams. Go to this link:

<https://arrl.rallycongress.net/ctas/urge-senate-to-support-amateur-radio-parity-act>

Enter your zip code and follow the prompts. The letters are there. All you need to do is fill in the blanks, hit save, then send.

That's it. Under 2 minutes and you're done.

If you haven't yet done so, please do so today. Your voice counts! ■

“...But my home has no CC&Rs”

No CC&R's where you live? Congratulations. But please still contact your two U.S. Senators to support H.R. 1301 in the Senate so this legislation can pass during the remainder of this year.

It is becoming difficult to purchase new homes that have no CC&Rs, as the lenders to builders often require CC&Rs to preserve home values. Reportedly 90% of new homes built in the U.S. each year have some type of Covenants, Conditions, and Restrictions. Congratulations if you live without CC&Rs, but help the future of amateur radio and lend your support for H.R. 1301. ■

PVARC Short News Items

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

As our 2016 program year winds down we are already planning for 2017.

Our annual Holiday Dinner **Thursday, December 8, 2016**, at the Los Verdes Golf Course in Rancho Palos replaces a regular meeting in December. More information about the Holiday Dinner appears elsewhere in this **QRO** issue.

At our January 2017 monthly meeting your **QRO** Editor Diana, AI6DF, is presenting "Recent and Upcoming Developments in the 220 MHz Amateur Band." This presentation covers not only the unique history of this amateur band but a plethora of new 220 ham equipment that became available during the past four years—and a new threat this band faces.

Our February 2017 meeting will be another always-popular "Show Us Your Shack" event. We'll be asking for four or five members to briefly present what their radio operation looks like or a radio-related project they have worked on. At our March 2017 meeting Ray Day, N6HE, will present our club's February 2017 Islands on the Air DXpedition to Catalina Island. ■

Can you be PVARC Webmaster?

Our long-serving Webmaster John Freeman, WW6WW, recently announced his intention to turn the Webmaster role to another PVARC member. John has done an excellent job maintaining our website over the years, including transitioning it last Fall to another web-hosting service, and he is glad to work with anyone succeeding him. Thank you, John—we've really appreciated all your work.

How about you? The PVARC needs a member to maintain our website, which doesn't have the complex requirements of other sites (i.e., we have no e-commerce needs, no blogs or chat rooms due to insurance issues, etc.) We do post news items about the PVARC, updated club rosters, projects, and monthly **QRO** newsletter issues. Please advise Diana, AI6DF, at ai6df@arrl.net if you are interested in serving as PVARC Webmaster. If you have any questions about what's involved with our website feel free to contact John Freeman, WW6WW, at jfree@cox.net. ■



Need a PVARC patch?

If you want a PVARC logo patch for a hat, shirt, jacket, soft-side bag or whatever we have a new batch with higher-resolution stitching.

New patches are available for \$4 each at all our meetings or by contacting Dave Scholler, KG6BPH, at 310-373-8166 (or email him at: jdavidscholler@hotmail.com.) If you order a PVARC club jacket one patch is sewn onto the jacket's left front and included in the cost. These jackets may also be ordered through Dave Scholler. ■

How I learned to stop worrying...and love the JT-65 mode

By Carlos (Kal) Lemmi, WD6Y

I consider myself an old timer since I got my first license in 1953 (LU3DEK). I enjoyed designing and building my own AM transmitter. I got my US license in 1969 (WB6MCW). With time, I got the Extra ticket and erected my 4 element beam circa 1975. The members of the RPV Radio Club provided significant help.

I've been in and out of ham radio over the years. So, at this time, I don't have all the awards and documented DXs that most old timers have. I recently reentered ham radio in my late retirement years. For unknown reasons I got immediately attracted to JT-65.

Recently my son in law visited from UK and I showed him my ham radio equipment. I figured he would be unimpressed with my rusted SSB, RTTY, or CW abilities. So, I decided to show him JT-65, a non-fuzzy mode. There's always some activity at 7.076 or 14.076.

In a period of about half an hour, I called CQ or responded to calls from Japan, Indonesia, Canada and several US stations. He saw my call letters in red when the other stations responded. I showed also how the exchanges were logged.

At my recent HF Enthusiasts group some people are humored at the long time you have to wait in JT-65 between the exchanges. The exchanges in JT-65 occur at the beginning of the minute and a transmission last about 48 seconds. Then you have to wait for the beginning of the next minute to receive the response from the other station.

I used that time productively in a few graphic ways.

First, I looked at the "www.PSKReporter.info" web page. I was able to show him, in real time, how my signal reached all over the world. Pacific Ocean to Asia, Australia, New Zealand as well as to Alaska, Hawaii and most of US States. We even got a spotter in UK.

Second, on each exchange I showed the "www.QRZ.com" page. On the PC monitor he saw the faces of the people in each exchange, their rigs, hobbies, places they live, etc. Some do not have much but fortunately the ones we looked at had attractive and informative QRZ pages.



From: www.PSKReporter.info

Third, I used my "HDR Rotator" map. I select the country and the rotator moved the antenna. The antenna moved to the right direction while showing on the rotator map as it moved.

After less than half hour he believed when I said that I '*contact people all over the world*'. A question often posed by anyone looking and wondering about my tower and beam. JT-65 served its purpose and served me well.

In the last few years I've worked JT-65 I got 40 countries, all US States, all five continents and many grid squares. I don't know if there's much more to do in the current poor propagation conditions. So I'm concentrating in CW and RTTY for DX purposes. The HF Enthusiasts meeting and members are helping significantly in this purpose as well as for my CW Academy courses. ■

PVARC News Items

PVARC's HF Enthusiasts discuss more topics

The PVARC's HF Enthusiasts Group held its seventh meeting on Saturday, November 12, at the home of Jeff Wolf, K6JW, with 10 attendees. The next HF Enthusiasts meeting is Dec.10.

Among the November 12th topics were:

- Jerry, NG6R, showed his new Rigol Spectrum Analyzer and how he is testing his homebrew bandpass filters for Catalina..
- Ray, N6HE, demonstrated his new SOTAbeams mini-paddle for CW.
- Clay, AB9A, has found a company that can build a classy customized case/chassis for your homebrew project.
- Carlos, WB6MCW, is now WD6Y.
- Bob, KE6JI, acquired a Kenwood TL-922 amp at a reasonable price, as well as a Heathkit TWOER, and DX-100, his first HF rig from many years ago.
- Jeff, K6JW, is now offering his TS-590S for \$695 (such a deal!)
- Malin, KO6MD, is restoring an old hand key used on a (Royal Navy?) battleship and re-arranging his shack.

Also attending were Eric, N6HEG; Don, KD6UMC; and Tony, W6GEZ. ■

Helpful guidelines when submitting QRO articles

Our **QRO** newsletter welcomes articles about technical subjects and PVARC members' amateur radio activities of interest to fellow club members.

To facilitate layout and editing using the software that produces **QRO** please send your article as two separate files: 1) all the text as a straight Microsoft Word file and 2) any photos, illustrations, or diagrams in a second file or as separate JPEG files. If possible please keep the text portion to not exceed 800 words. Thanks! ■

WELCOME NEW MEMBERS OF THE PALOS VERDES AMATEUR RADIO CLUB

IN 2015-2016

ANTHONY BURNS, KK6SPH

KATHY HAYNES, KK6SPG

ROBERT MILLARD, KE6JI

DAISY MILLARD, (XYL) KE6JI

J. BRANDLIN, KK6TXM

THOMAS BACALJA, KK6ULM

GREG LUND, AI6IV

CANDACE KAWAHARA, KK6ULN

TIM MEADOWS, KK6ULL

JOHN CASHEN, W5UG

(RETURNING MEMBER)

INGO WERK, KK6EWB

TOM BUDAR, K6RPV

JONATHAN GREEN, KK6VWK

SAEHUI HWANG, KM6BCO

MARK CHILDIR, KM6BCL

DALE GEHR, KM6BCI

ROMYLEEN MITRA, KM6BCJ

NICHOLAS KOWALCZYK, KM6BCN

ANNETTE SOLOMON, KM6DRA

BRUCE GILBERT, KM6DQX

CARL HINDMAN, KM6DRB

HUGO DOMINGUEZ, JR., KM6DQU,

JARED BOCKOFF, KM6DQV

STEVE WRAY, KM6DQW

THEODORE LEY, KM6DRC

JOE BARGER, N6KK

DENISE ANN HUGHES-MURPHY, K6DAH

Nov. 19th Lexus Lace-Up Palos Verdes Half-Marathon takes new route for PVARC

This year's Lexus Lace-Up Palos Verdes Half-Marathon on Nov. 19th modifies its running route to reduce street closures—also reducing some of our radio operator positions at Aid Stations along the course..

The new Half Marathon route goes outbound and inbound on the exact same street paths resulting in only five Aid Stations needed to cover the entire course. The new route greatly eliminates lane closures on Palos Verdes Drive West and many neighborhood streets in Palos Verdes Estates.

We will have radio operators at the Start/Finish area, Medical tent, net control, and parking areas in addition to the five Aid Stations..

Thanks in advance to all our operators who signed up to be there. ■



The Lexus Lace-Up Palos Verdes Half-Marathon now assembles for its start at RPV's Pelican Cove in darkness after the annual event date moved to mid-November from mid-May in 2013. Morning twilight on November 19 in our area starts at 6:03 am and sunrise is 6:30 am. The race begins at 7:00 am.

Palos Verdes Amateur Radio Club 2016 Calendar

2016 Major Contest Dates

■ ARRL ■ CQ Magazine and Other

- Jan. 29-31: CQ Worldwide 160-Meter (CW)
- Jan. 31-Feb 2: ARRL January VHF Sweepstakes
- Feb. 12-14: CQ Worldwide RTTY WPX
- Feb. 19-21: ARRL DX (CW)
- Feb. 27: North American RTTY QSO Party
- Feb. 26-28: CQ Worldwide 160-Meter (SSB)
- Mar. 4-6: ARRL DX (SSB)
- Mar. 25-27: CQ Worldwide SSB WPX
- May 27-29: CQ Worldwide CW WPX
- Jun. 11-12: ARRL June VHF Contest
- Jun. 22-26: ARRL Field Day
- July 9-10: IARU World Championships
- July 16-17: CQ Worldwide VHF
- July 16: North American RTTY QSO Party
- Aug. 6-7: ARRL UHF Contest
- Sept. 10-11: ARRL September VHF Contest
- Sept. 23-25: CQ Worldwide RTTY DX
- Oct. 1-2: California QSO Party
- Oct. 28-30: CQ Worldwide SSB DX
- Nov. 5-6: ARRL Sweepstakes (CW)
- Nov. 19-20: ARRL Sweepstakes (SSB)
- Nov. 25-27: CQ Worldwide CW DX
- Dec. 9-11: ARRL 10-Meter Contest

January						
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August						
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31						

PVARC Meetings & Meals

Meetings 7:30 pm **3rd Wednesdays** except August and December 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.

2nd Saturday each month: PVARC "HF Enthusiasts Group", 9:00 am in the Ralph's Supermarket café area (Hawthorne Blvd. at Crest Road).

3rd Sunday in August: Annual family picnic at Pt. Vicente Lighthouse. (Cancelled)

December 8: Holiday dinner, Los Verdes Golf Course, Rancho Palos Verdes.

PVARC Public Service Events

- Apr. 24:** Ridgecrest Int. School 5K
- Aug. 13:** Rolling Hills Estates "Hills Are Alive" 5K/10K
- Sept. 5:** "Conquer the Bridge" Race
- Sept. 24:** RAT Beach Bike Tour
- Nov. 19:** P.V. Half-Marathon/10K

Major Ham Radio Conventions

- Feb. 19-20:** ARRL SW Div. & Yuma Hamfest, Yuma, AZ
- March 12:** Palm Springs Hamfest
- Apr. 15-17:** International DX Convention, Visalia, CA
- Apr. 29-May 1:** ARRL Nevada Convention, Las Vegas, NV
- May 20-22:** Dayton HamVention
- Oct. 14-16:** Pacificon, Santa Clara, CA

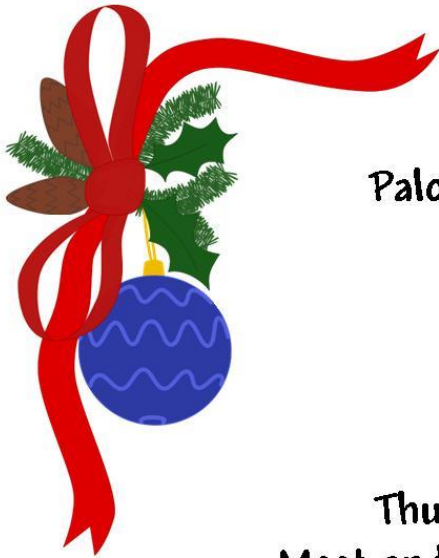
PVARC HF Operating Events

- April 27- May 1:** Islands On The Air DXpedition, Catalina Island;
- June 25-26:** ARRL Field Day;
- Aug. 19-21:** Intl. Lighthouse Weekend, Pt. Vicente Lighthouse (cancelled)

PVARC Ham License Classes

Fred Hesse Park (Fireside Room), 29301 Hawthorne Blvd., Rancho P.V.

Feb. 20 & 27; June 4 & 11; Aug. 27 & Sept. 10; additional dates to be announced.



Please join us for the
**Palos Verdes Amateur Radio Club's
 2016 Holiday Dinner**

Los Verdes Golf Course
 7000 Los Verdes Drive
 Rancho Palos Verdes, CA

Thursday, December 8, 2016
 Meet and Greet beginning at 6:30 PM
 Dinner at 7:00 PM
 followed by program and prize raffle

Dinner Buffet:

Garden Salad
 Spinach Salad w/ Feta & Pine nuts
 Seasonal Fresh Fruit
 Charbroiled Salmon
 Tri Tip w/Mushroom Merlot Sauce
 Red Roasted Potatoes
 Seasonal Vegetables
 Warm Rolls and Butter
 Cookie, Brownie, assorted Cakes
 and Cheesecake
 Coffee, Decaf,
 Lemonade or Iced Tea



**PALOS VERDES AMATEUR RADIO
 CLUB
 2016 HOLIDAY DINNER**

Los Verdes Golf Course
 Thursday, December 8, 2016

Price per person: \$44.00

Number of people attending: _____

I would also like to donate:

\$5 _____ \$10 _____ \$15 _____ Other \$ _____

Total amount enclosed: \$ _____

Please make check payable to the
 Palos Verdes Amateur Radio Club
 (All donations are applied toward club ex-
 penses for the evening.)

Name: _____

Call Sign: _____

Please pay at our monthly meeting
 or by mailing to: PVARC, PO Box 2316,
 Palos Verdes Peninsula, CA 90274

QST QST QST QST

HAMCON 2017 LOGO DESIGN CONTEST

Sharpen your colored pencils, put new points on your favorite crayons, hone your computer graphic skills, clean your watercolor brushes

Members of the 12 Clubs Participating in the Convention Organization are Eligible to Enter ONE or MORE Logo Designs.

Winner Will Receive Acknowledgement, Free Admission to Convention & Saturday Banquet Dinner Ticket

Logo Contest Rules:

1. Design must include the ARRL Logo (download from ARRL web site).
2. Convey Convention Theme "Radio for Everyone". (DXer, Emergency Communications, Microwave or Repeater Enthusiast, Experimenter, Antenna Designs etc.).
3. **ANY** shape is OK! (round, square, triangle, irregular).
4. Limit design to 6 colors (black and white are colors).
5. Avoid fine detail (design will be used on convention pin 1.5" dia. or 1.5" height & width max).
6. Use only "sans serif" fonts (Arial, Calibri, Helvetica, etc.).
7. All entries must be submitted on 8-1/2" X 11" white paper as an E-mail attachment.
8. All entries will become the property of HAMCON 2017 and can be used at the discretion of the Convention Planning Committee.
9. Deadline for ALL entries is December 15, 2016.

Submit design to Convention Secretary, Brad Rachielles, as an E-mail attachment to: **bradrachielles@dslextrreme.com**



Palos Verdes Amateur Radio Club
 P.O. Box 2316
 Palos Verdes Peninsula, CA 90274
www.n6rpv.net/pvarc or
www.k6pv.org

**NEW MEMBER &
 MEMBERSHIP RENEWAL FORM**

NEW: _____ **or RENEWAL:** _____ **MEMBERSHIP** **DATE:** _____

Last Name: _____ First Name: _____ Spouse: _____

Street Address: _____

City: _____ Zip: _____

Phone: Home _____ Work _____ Cell _____

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) \$ _____

Additional donation to support PVARC activities \$ _____

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

Please make checks payable to: Palos Verdes Amateur Radio Club; Dues based on January 1st to December 31st year.

All New and Renewal Member applications must be signed below.

I am applying for a new or renewal membership in the Palos Verdes Amateur Radio Club and understand that by accepting membership I agree to abide by the Club's constitution and by-laws (available on-line at: <http://www.n6rpv.net/pvarc/constitution.htm> or upon request.)

Signature: _____ Date: _____

Family Member Signature: _____ Date: _____

Family Member Signature: _____ Date: _____

Tell your friends and relatives about the PVARC's upcoming 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 (2nd level)

Each course is 2 sessions

The next sessions are on 4 February and 11 February, 2017

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, February 18, 2017.

The Palos Verdes Amateur Radio Club will make a brief presentation at 9:30 AM at the start of the 4 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

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