



# QRO

MONTHLY NEWSLETTER OF THE PALOS VERDES AMATEUR RADIO CLUB

FEBRUARY 2016

## Successfully operating a low-power Field Day station from home

Our February 17 meeting at Hesse Park features PVARC member Jeff Wolf, K6JW, presenting “Going Solo for Field Day: A QRP Operation Anyone Can Do, Plus a Few Surprises.” Jeff’s will show the single-operator 2015 Field Day station at his Rolling Hills Estates home that finished first in his class within the ARRL’s LAX Section. The K6JW station used battery power for all contacts.

Jeff will also repeat a short humorous presentation about Field Day he gave at a PVARC meeting about five years ago. Whether you participate in Field Day or not these presentations will be interesting to all as part of amateur radio’s commitment to operating when all else fails. ■

**“Going Solo for Field Day: A QRP Operation Anyone Can Do, plus a few surprises”**

**Jeff Wolf, K6JW**

Wednesday, February 17, 2016, 7:30 pm at Fred Hesse Community Park,  
29301 Hawthorne Blvd., Rancho Palos Verdes, CA. 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.)

# Dealing with electricity outages is commonplace in our area—are you prepared as an amateur radio operator?

By Diana Feinberg, AI6DF  
PVARC President

Southern California Edison has had its hands full dealing with electrical outages in much of the South Bay recently.

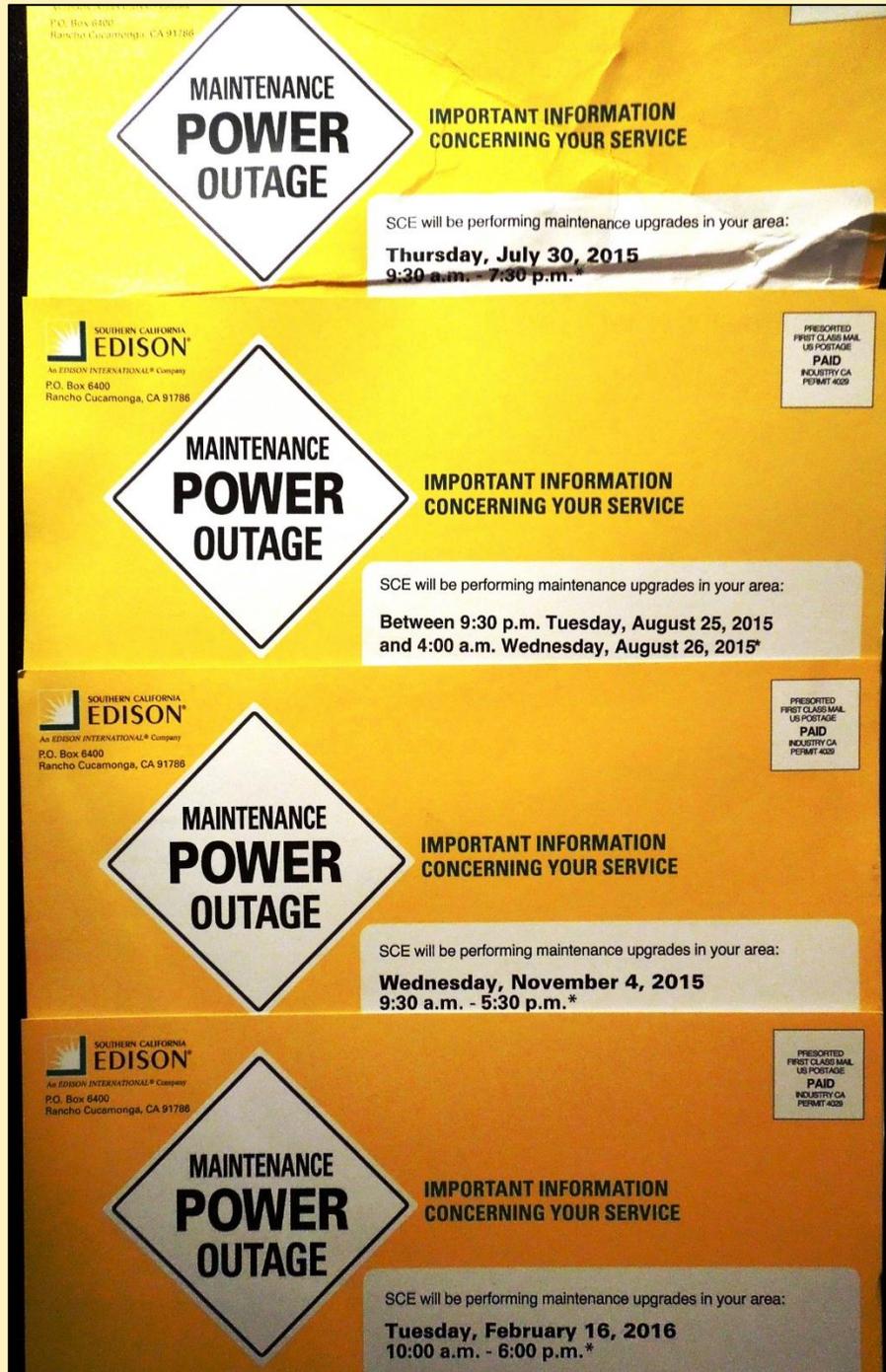
Many PVARC members lost power for between six to 32 hours after the windstorm on Sunday, January 31—an act of nature as tree limbs and power lines fell.

If you haven't noticed there's also a lot of needed electric system upgrade work throughout the South Bay. But I must live on the unluckiest street in Rancho Palos Verdes when it comes to power outages. In the past 12 months I've had eight lengthy "planned" outages and four "unplanned" ones. One unplanned outage last May, when an Edison contractor crew caused an explosion in an underground vault, sadly set two workers on fire and knocked-out neighborhood power for 15 hours.

The PVARC Weekly Bulletin sending you this month's **QRO** issue is being emailed on a Monday night instead of Tuesday afternoon. Why? You guessed it: another eight-hour "planned" outage in my neighborhood is set for Tuesday, February 16.

If there's a bright side to all these outages and their colorful postcards it's learning disaster preparedness skills for unexpectedly living without electricity. I now keep only a few days worth of perishable food in my refrigerator, flashlights in every room, and five sealed AGM batteries available for radio communication as generators are not practical where I live.

So...When life becomes unpowered by Edison just think of it as disaster training. ■



Above: Partial collection of power outage notice postcards sent to the AI6DF QTH.

## News You Might Have Missed

# Amateur radio serves communication needs for runners and many volunteers at the 2016 Los Angeles Marathon

The 31<sup>st</sup> annual Los Angeles Marathon on February 14, 2016, also featured 63 amateur radio operators from Los Angeles, Orange, and Ventura Counties providing communication aiding nearly 25,000 runners and several thousand Marathon volunteers.

Ham operators were positioned along the 26.2 mile course at water stations every mile; at medical aid stations every two miles starting at Mile 6; at the Marathon supply depot near Dodger Stadium; at the Multi-Agency Coordination Center in the City of Los Angeles Emergency Operations Center near downtown L.A., and at the Finish Line in Santa Monica.

Your **QRO** editor was fortunate to serve as one of three net control operators at the Finish Line and had a great view of happenings there. Our net control job started at 2:00 am to drop off all radio equipment before the Santa Monica Police Department completely shut streets near the Finish. We began net control operations at 4:00 am and wrapped-up at 4:00 pm, making it a 16-hour "marathon" including travel time.

Other PVARC members have operated at the L.A. Marathon in recent years...so do consider operating there in March 2017. ■



**Top:** Amateur radio tent at L.A. Marathon's Santa Monica finish line during foggy sunrise.

**Center:** KTLA personality Mark Kriski (left) interviews "Superman Runner" outside the ham radio net control station.

**Bottom right:** View of finish line from net control.

ALL PHOTOS: DIANA FEINBERG, AI6DF



## News You Might Have Missed

# First Geosynchronous Orbit Amateur Radio Payload Could Aid Disaster Communication

*(reprinted from the ARRL Letter, Dec. 24, 2015)*

Well-known AMSAT figure and Virginia Tech researcher Bob McGwier, N4HY, says the Amateur Radio payload planned to go into geosynchronous orbit in 2017 will be like “a new ham band” for the Americas, available every hour of every day. McGwier, a research professor in Virginia Tech’s Bradley Department of Electrical and Computer Engineering and the Director of Research for the Hume Center for National Security and Technology, said the satellite’s geosynchronous orbit also makes it viable for emergency and disaster communication. AMSAT-NA announced in April that Amateur Radio would be a “hosted payload” on the geosynchronous satellite that Millennium Space Systems (MSS) of California is under contract to design, launch, and operate for the US government.

“It will allow rapid deployment to disaster areas and support long-haul communications for first responders,” McGwier allowed in a December 22 *Virginia Tech News* report. McGwier, a former AMSAT director and Vice President for Engineering, has said the Amateur Radio payload must be delivered for testing and integration by next spring.

According to AMSAT Vice President-Operations Drew Glasbrenner, KO4MA, the satellite’s potential footprint would extend over the US from the Mid-Pacific to Africa.

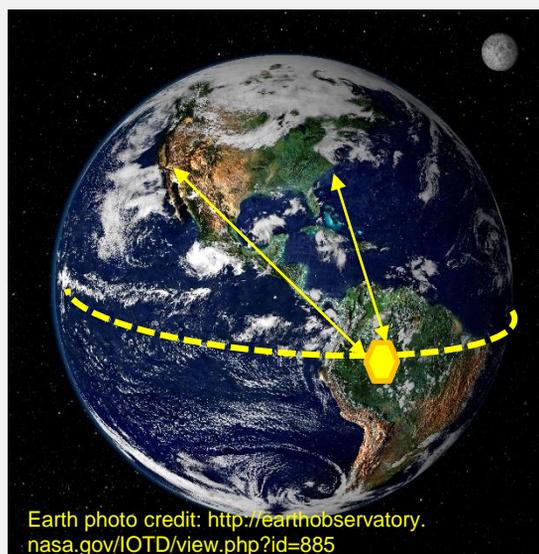
The Hume Center team that’s building the ham radio payload met with Federal Emergency Management Agency (FEMA) Administrator Craig Fugate, KK4INZ, in September to discuss the project. At last summer’s ARRL National Centennial Convention, Fugate and ARRL President Kay Craigie, N3KN, signed an agreement outlining how the two organizations will work together to provide disaster relief.

McGwier pointed out in the *Virginia Tech News*

article that transmitting emergency communications via the geosynchronous satellite would be much more dependable than HF, allowing Amateur Radio volunteers to provide more reliable communication support. With a geosynchronous, the satellite would always be within a band of longitudes over the Americas, continually accessible to any Amateur Radio operator there. That would include the students and researchers at the Virginia Tech Ground Station.

MSS will operate the satellite on behalf of the US Air Force, while AMSAT will manage the Amateur Radio payload, being designed and built by Virginia Tech students.

According to the article, the Hume Center team is designing a ground terminal that emergency personnel could use to relay their own communication channels through the satellite. “This setup could be deployed through the American Radio Relay League and the Radio Amateur Satellite Corporation as a key part of a robust national emergency response system, allowing trained operators to reliably mobilize to disaster areas in the first critical hours after a devastating event,” the article suggested.



Earth photo credit: <http://earthobservatory.nasa.gov/IOTD/view.php?id=885>

## PVARC Short News Items

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

Our Vice President Mike Caulfield, AF6VT, has lined up an interesting mix of meeting speakers for following months in 2016.

Our **March 16, 2016** meeting presenters will be PVARC members Clay Davis, AB9A, and Ron Wagner, AC6RW, speaking on projects they've constructed. Clay is discussing the Arduino-based CW keyer he built, along with an explanation of differences in CW timing protocols. Ron will present his scalable network analyzer project. Both presentations were scheduled for last month's meeting but there was insufficient time that night after the first four presenters.

[Also, we have now ironed-out a few technical issues with our video cameras and can now suppress projecting camera viewfinder icons during presentations. We will extend using video camera projection at future club meetings for enabling all attendees to easily see details of objects accompanying our speakers' presentations.]

At our **April 20, 2016** monthly meeting we have well-known speaker Bob Brehm, AK6R, of ferrite-core manufacturer Palomar Engineers in Carlsbad presenting "The ABC's of RFI for Hams." Bob gave two Tech Talks at HAMCON 2015 last September on controlling RFI—and both of his presentations had a full house. If you didn't see Bob's talks at the Torrance Marriott Hotel you now have another opportunity.

Lined up for our **May 18, 2016** meeting is PVARC member Chris Storey, KA6WNK, discussing the Los Angeles County Fire and Sheriff radio communication system.

Our **June 15, 2016** speaker will be Ray Day, N6HE, presenting the PVARC's late-April 2016 DXpedition to Catalina Island. This year's Islands on the Air DXpedition has a new date, different atmospheric conditions, and a different operating plan while on the island. We also plan having more video segments depicting our DXpedition—so look for a new presentation compared with previous years. ■



## 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: [jdavidsscholler@hotmail.com](mailto:jdavidsscholler@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. ■

## The PVARC's website now has a shorter address

We say again: the PVARC's website relocated to [www.n6rpv.net/pvarc](http://www.n6rpv.net/pvarc) but also have registered [www.k6pv.org](http://www.k6pv.org) as the PVARC's web domain name. You can reach our website using this short address or our sub-domain at [n6rpv.net/pvarc](http://n6rpv.net/pvarc) to which [k6pv.org](http://k6pv.org) will re-direct. Several East Coast ham radio clubs with our initials had already registered [pvarc.com](http://pvarc.com), [.net](http://.net), and [.org](http://.org).

Dale Hanks, N6NNW, is graciously providing web-hosting through his [www.n6rpv.net](http://www.n6rpv.net) top-level domain after we learned [www.palosverdes.com](http://www.palosverdes.com) plans discontinuing its free web-hosting services in late December. In the future our club might obtain full web-hosting under the [k6pv.org](http://k6pv.org) domain name.

Thanks again go to Dale and webmaster John Freeman, WW6WW, for facilitating our website's transition from [www.palosverdes.com](http://www.palosverdes.com). ■

## New location for PVARC's 2016 Holiday Dinner

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

The PVARC Board felt we should try a closer location to many of our members. More details about this year's dinner starting in September. ■



Scene for the PVARC's 2016 Holiday Dinner.

PHOTO CREDIT: <http://www.losverdesgc.com/event-services>

◆ 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	Mike Caulfield, AF6VT
Interim Treasurer	Bob Sylvest, AB6SY
Secretary	Laura Behenna, KK6BFI
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	Diana Feinberg, AI6DF
Net Control Operators	Malin Dollinger, KO6MD, Dale Hanks, N6NNW, Bob Sylvest, AB6SY, Ron Wagner, AC6RW, 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.k6pv.org](http://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 seen from the Pt. Vicente Interpretive Center on a winter afternoon.*

PHOTO: DIANA FEINBERG, AI6DF

## PVARC News Items

### PVARC officer and director elections coming

At each year's February meeting PVARC members elect the club's officers and directors to serve during the following 12 months.

No additional nominations were received from the floor during our January 2016 meeting. The previously-announced candidates will be voted by voice affirmation at our February 17 meeting.

Nominated by the Board's committee and fully-committed to serve during February 2016-February 2017 are:

- For President: Diana Feinberg, AI6DF
- For Vice President: Laura Behenna, KK6BFI
- For Treasurer: Bob Sylvest, AB6SY
- For Secretary: Ron Wagner, AC6RW
- For Director: Clay Davis, AB9A
- For Director: Ray Day, N6HE

The PVARC constitution also names our immediate Past President as an unelected position on the Board. However as there is no immediate Past President at this time (the immediate Past President also being the current President) the Board has approved appointing our outgoing Vice President Mike Caulfield, AF6VT, as immediate Past Vice President to serve in place of the immediate Past President. ■

### WELCOME NEW MEMBERS OF THE PALOS VERDES AMATEUR RADIO CLUB

IN 2015-2016

GARY FORISTER, N6HMR  
 TREVA FORISTER, N6HMS  
 PATRICK GARVEY, K6PDG  
 DAVID HARMON, KE6OJN  
 JOHN JENSEN, KK6CYU  
 JAMES NADAL, WA6RYA  
 ENDAF BUCKLEY, KG6FIY  
 DARIN JAMES, KK6QLW  
 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)

### Dues for 2016 are due...

PVARC dues for 2016 are now due, with costs unchanged from recent years (still \$15 for a single membership, \$17 for family membership). Our dues continue to be the lowest of all radio clubs in the southern half of Los Angeles County that are not employer- or school-affiliated.

We hope you find value in your club membership and from being affiliated with the PVARC. If not, please let us know what we could do better.

Our membership renewal form appears on page 12 of this month's **QRO** issue. You may also renew at our February 17 club meeting where forms will be available. ■

## Radio equipment for sale

### Interested in buying some vintage Kenwood HF gear?

Through our member Jeff Wolf, K6JW, we've learned Jonathan Fox, KT6LA, is selling the equipment below on behalf of another ham. It's all in working order, according to Jonathan, who cleaned it up and fully tested it. Jonathan is also a Southern California DX Club member and despite his call sign KT6LA he is actually a retired long-time broadcast engineer from CBS Television.

The EBay prices he's listed reflect what one sees for the equipment when purchased online and paying middle-man fees. He's discounting the price by 15% for direct sale.

As Jeff K6JW put it, "This is very nice late 1980s to early 1990s gear, and the prices he's asking are quite fair."

The contact information for any questions and for potential buyers:  
Jonathan Fox, KT6LA, [KT6LA@yahoo.com](mailto:KT6LA@yahoo.com), Phone number: 818-707-9133

	Ebay Average Price	Sale Price reflects 15% discount
Kenwood TS-830S	\$400	\$340
Kenwood VFO-230	\$265	\$225
Kenwood SP-230	\$85	\$72
Kenwood AT-230	\$250	\$212
Kenwood MC-50	\$65	\$55



## PVARC News:

### A “first” for amateur radio: PVARC member Chris Storey, KA6WNK, on MLB baseball card

Our fellow club member Chris Storey, KA6WNK, may be the first “non-player” ham radio operator to appear on a Major League Baseball card.

It happened recently when Chris was honored to be selected by the Los Angeles County Sheriff’s Department for a public outreach campaign featuring a handful of LASD personnel. Chris is a highly-experienced Public Response Dispatcher at the Sheriff’s Communications Center in East Los Angeles.

This outreach campaign includes a partnership between the LASD and Los Angeles Dodgers that places a short profile about each of the selected Sheriff’s Department employees on a baseball card with one of the Dodger team members.

Chris is featured on the back side of a card with Dodger third-base man Justin Turner (shown, right.) The cards are produced by Topps, the iconic name in major league baseball cards since 1951.

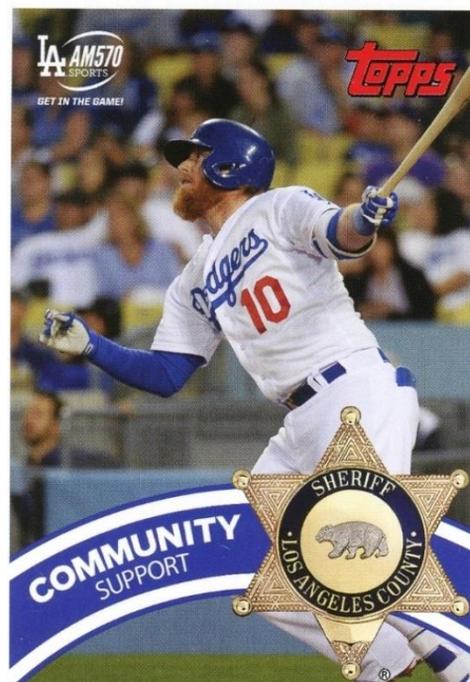
Additionally, a Sheriff’s Department video about Chris and his work is publicly available at:  
<http://www.lasdvideos.org/personnel-profiles-christopher-storey-public-response-dispatcher-ii/>

At least one past Major League Baseball player is known to have been a ham radio operator: Joe Rudi, NK7U, played for the Kansas City and Oakland Athletics (1967-1976. and 1982); the California Angels (1977-1980); and Boston Red Sox (1981).

Congratulations to Chris on his selection and outstanding work with the Sheriff’s Department.

And good luck in 2016 to the Dodgers...we hope they reach the World Series this October. ■

#### Front side



#### Back side

**10**

**Justin Turner**

**Third Base**  
Height: 6'  
Weight: 195 lbs  
Born: November 23, 1984  
Long Beach, CA

**PUBLIC RESPONSE DISPATCHER II**  
**CHRISTOPHER STOREY**  
Proudly serving since 1996

Public Response Dispatcher II Christopher Storey, assigned to the Sheriff's Communication Center, has routinely demonstrated excellence in his work. He recently became a subject matter expert in a sophisticated communication system used in all of LA County, and brought the LASD's outdated system up-to-date.

A Better Path  
[www.sheriffsyouthfoundation.org](http://www.sheriffsyouthfoundation.org)

# Update on ARRL efforts for H.R. 1301 and S. 1685 to allow reasonable antennas where restricted by CC&R's

From the ARRL website

02/12/2016

On a voice vote, the US House Subcommittee on Communications and Technology has sent the Amateur Radio Parity Act, H.R. 1301, to the full House Energy and Commerce Committee with a favorable report for further consideration. The measure was among three bills the Subcommittee considered during a February 11 "markup" session. The Subcommittee is chaired by Rep Greg Walden, W7EQI (R-OR).

"I'm optimistic that we can put the finishing touches on these bills in the weeks ahead and once again produce important, bipartisan legislation that protects consumers, small businesses, and access to the latest communications services," Walden said after the hearing.

During the markup session, Walden and the bill's sponsor, Rep Adam Kinzinger (R-IL) made impassioned statements in favor of the legislation. Kinzinger said that while he can appreciate some of the concerns expressed by those who do not agree with his bill, he believes that the time has come to adopt a "reasonable accommodation standard" with respect to the erection of outdoor antennas in neighborhoods governed by private land-use restrictions.

Walden agreed. "You don't necessarily need to have a giant tower blocking everybody's view," he pointed out to the Subcommittee. He suggested that more modest antenna systems often are sufficient. He and Kinzinger noted that there is common ground between proponents and opponents of the measure and that "it's important to get this done." Rep Anna Eshoo (D-CA) also spoke to recognize the work all parties have been doing to ensure the bill's passage in the House.

At a Subcommittee hearing on H.R. 1301 last month, Walden called it "a commonsense bill" and urged his colleagues' support. Kinzinger also spoke in favor of H.R. 1301 at the January 12 hearing, saying that his bill's "reasonable accommodation standard" would not mandate placement, size, or aesthetics regarding an outdoor antenna, leaving ham radio operators and homeowners associations to decide those issues.

H.R. 1301 would direct the FCC to extend its rules relating to reasonable accommodation of Amateur Service communications to private land-use restrictions, such as deed covenants, conditions, and restrictions. The bill has attracted 120 cosponsors from both sides of the aisle. An identical US Senate measure, S. 1685, has attracted three cosponsors. It cleared the Senate Committee on Commerce, Science, and Transportation last November. ■

Right: Screenshot from ARRL website, <http://www.arrl.org/amateur-radio-parity-act>

## ARRL Legislation

Show Your Support for  
The Amateur Radio  
Parity Act of 2015

HR 1301 – S 1685

▶ Learn More



# 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

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### PVARC Meetings & Meals

Meetings 7:30 pm **3<sup>rd</sup> 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.

**3<sup>rd</sup> Sunday in August:** Annual family picnic at Pt. Vicente Lighthouse.

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

### PVARC Public Service Events

- Aug. 13:** Rolling Hills Estates "Hills Are Alive" 5K/10K
- Sept. 5:** L.A. Harbor "Conquer the Bridge" Race
- Sept. 24:** RAT Beach Bike Tour
- Nov. 12:** 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
- 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

### PVARC Ham License Classes

Fred Hesse Park (Fireside Room), 29301 Hawthorne Blvd., Rancho P.V.  
**Feb. 20 & 27; additional dates to be announced.**



Palos Verdes Amateur Radio Club  
P.O. Box 2316  
Palos Verdes Peninsula, CA 90274

[www.n6rpv.net/pvarc](http://www.n6rpv.net/pvarc) or  
[www.k6pv.org](http://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 1<sup>st</sup> to December 31<sup>st</sup> 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 February 2016 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 20 February and 27 February, 2016

**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, March 5, 2016.

The Palos Verdes Amateur Radio Club will make a brief presentation at 9:30 AM at the start of the 20 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)

The 2016 ARRL SW Division Convention is next month in Yuma, AZ, combined with the annual Hamfest there

## *2016 SW Division Convention*

# ***Yuma Hamfest***

***Yuma, Arizona***

***Feb. 19 & 20, 2016***



Yuma County Fairgrounds  
2520 East 32<sup>nd</sup> Street, Yuma, Arizona

***www.yumahamfest.org***

Check the Website for Additional Information

Gates Open for Camping Thursday, 2 pm Vendor Setup Friday, 7 am - Noon	Event Hours Friday, Noon - 5 pm Saturday, 8 am - 5 pm	Hamfest Dinner & Grand Prize Drawing Saturday Night 6:00 - 8:00 pm
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**Vendors & Exhibitors**  
**Consignment Sales**  
**License Testing**  
**Hourly Door Prizes**  
**On-site RV Camping**  
**Hamfest Dinner**  
**ARRL Speaker**  
**Transmitter Hunt**  
**\$5.00 Admission**

**Tailgating (Swap Meet)**  
**Full Seminar Schedule**  
**DXCC Card Checking**  
**Incredible Grand Prizes**  
**Emergency Preparedness**  
**Admission Prize**  
**Hospitality Area**  
**Near Space Balloon Launch**  
**Antenna Clinic**

Hamfest Talk-In Frequency: 146.840 (-) PL 88.5 Hz

Email Contact: [info@yumahamfest.org](mailto:info@yumahamfest.org)



We are proud to have the Amateur Radio Council of Arizona (ARCA) as a sponsor of our event.

The Yuma Hamfest is an American Radio Relay League (ARRL) sanctioned event.



Presented by the Yuma Amateur Radio Hamfest Organization



**SAT. MARCH 12, 2016 • 9:30 AM to 4:30 PM**

PALM SPRINGS PAVILION • 401 S. PAVILION WAY

NEXT TO PALM SPRINGS STADIUM • PALMSPRINGSHAMFEST.COM

## The Desert RATS club is pleased to announce our annual Hamfest.

**Palm Springs Hamfest**  
**Saturday March 12, 2016**  
**9:30 AM to 4:30 PM**

**Palm Springs Pavilion**  
**401 S. Pavilion Way**  
**Palm Springs, CA 92262**

### WELCOME!

The 2016 Palm Springs Hamfest will once again be held at the beautiful Palm Springs Pavilion, 401 S Pavilion Way, Palm Springs, CA 92262, near the Palm Springs Baseball Stadium, Saturday, March 12 from 9:30 a.m. to 4:30 p.m. VE testing will be available this year from 9:30 a.m. to 1 p.m.

**Admission:** Still just \$5. Where else can you get a day's worth of entertainment for that?

### EXPO

Hamfest is the best place to "gear up." Dozens of vendors will be selling specially-priced merchandise as well as giving product demos. The Expo opens at 9:30 a.m.

### VE Testing

Palm Springs Hamfest 2016 will again offer VE Testing. Upgrade your license at the event then get a deal on near gear from one of our fine Expo vendors — all in the same day! Testing this year will be from 9 a.m. to noon with the testing center closing at 1 p.m.

### Forums

Information on our 2016 forums will be posted after January 1, 2016. If you would to present or if you would like to recommend a speaker or topic, please email [k6psi@arrl.net](mailto:k6psi@arrl.net).

### Food

Doughnuts and coffee are available in the morning and we added a new and improved lunch menu last year, so come join us for a morning snack and lunch! (Meals not included in admission price).

### Talk-in Net

Talk-in on the Desert Radio Amateur Transmitting Society's Edom Hill Repeater:  
 146.94 MHz – 107.2

Join us for our Monday Night Nets @ 1900 hours (7:00 p.m.) for the latest news about local amateur happenings.

### Consignment Table

Sell your unused gear at our consignment table (less 20% sales commission).

### Flea Market

Buy or swap unwanted and unused gear. Sellers must be in before 9:30 a.m. on Saturday when we open the flea market section. Vehicles cannot be moved once the public is admitted.

### RV Camping

RVs can park starting at 3 p.m. on Friday night. Gates close at 8 p.m.

Campers arriving Saturday morning can enter between 7 and 9 a.m.

There is a \$25 per night camping fee.

RVs must be out by 12 p.m. on Sunday.