



QRO

MONTHLY NEWSLETTER OF THE PALOS VERDES AMATEUR RADIO CLUB

MARCH 2016

Two more “Show Us Your Projects”

The PVARC’s March 16 meeting at Hesse Park has two presentations about devices our fellow club members designed and built. Clay Davis, AB9A, will discuss an Arduino-based CW memory keyer he built while Ron Wagner, AC6RW, describes a scalar network analyzer he created. Don’t know what these devices are about? You’ll learn at our meeting and perhaps be inspired to create something with one of the many low-cost microprocessors now available.

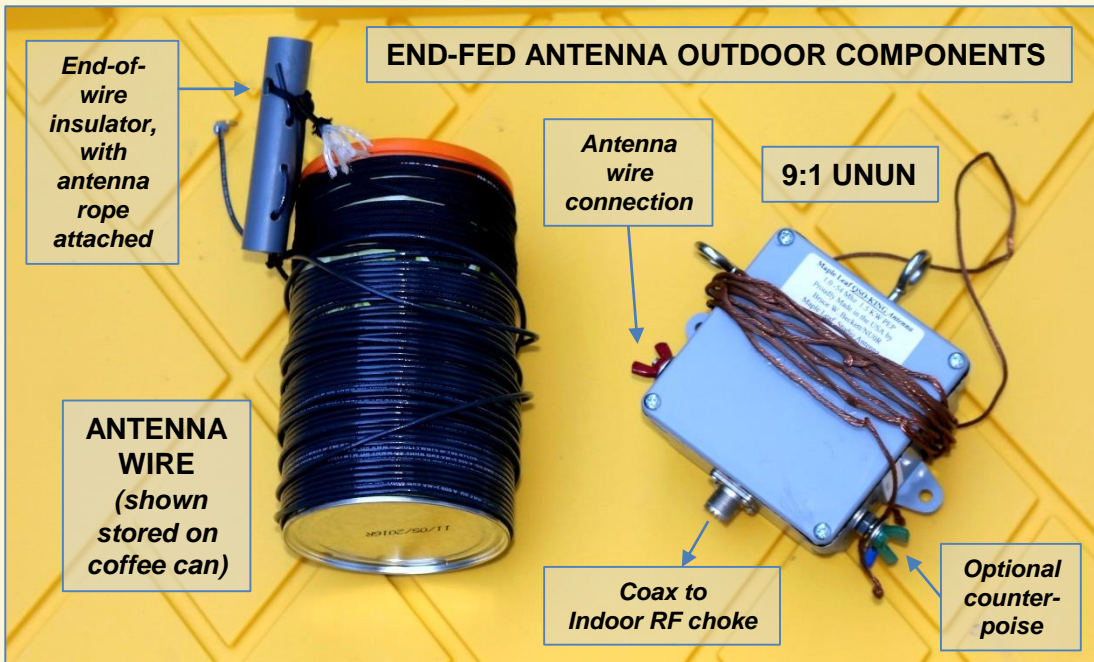
Our video camera will again be used to enable viewing device details on a big screen. Hope to see you on Wednesday, March 16, at 7:30 pm and/or our pre-meeting dinner at the Red Onion. ■

“Show Us Your Project, Part II: An Arduino-based CW Memory Keyer and a Scalar Network Analyzer”

Clay Davis, AB9A, and Ron Wagner, AC6RW

Wednesday, March 16, 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.)



Left: The outdoor components of most end-fed HF wire antennas (shown in their storage mode.) You might need a ground-wire counterpoise too.

Below: Homemade RF choke was wrapped around PVC pipe section.

PHOTOS: DIANA FEINBERG, AI6DF

End-fed HF antennas growing in popularity and gaining respect--especially on 40- and 80-meters without a tower

By Diana Feinberg, AI6DF
PVARC President

Once a Rodney Dangerfield of amateur radio antennas, compact end-fed HF wires are finally getting some respect.

A proliferation of multi-band end-fed HF antennas 40-120 feet long has become available in the past few years along with DIY plans to build your own.

Sparking this interest are CC&R-restricted operators who cannot erect a permanent tower or mast to get on HF bands, plus EmComm operators in RACES and ARES groups seeking HF capability on 80- and 40-meters.

Most of these HF end-fed wire antennas have four similar components (plus a tree, pole, roof or other support):

- 1. Outdoors:** Substantial antenna wire terminated onto an insulator (with rope needed to affix antenna.)
- 2. Outdoors:** A 9:1 unun (unbalanced to unbalanced matching transformer) bringing the impedance closer to the transceiver's internal antenna tuner range. The build quality of these ununs can vary, however.
- 3. Outdoor to Indoor:** At least 50' of coax between the 9:1 unun and transceiver. I use 75-feet of coax.
- 4. Indoors:** At the transceiver, an RF choke with 10 to 12 turns of flexible coax. I built the choke shown above with a 12' length of RG-8X coax and cable ties for 1/3 the cost charged by some end-fed antenna sellers.

I put my 59' end-fed HF wire in a tree overnight during a recent RTTY contest and was surprised how well the antenna tuned on 40- and 80-meters. Finally—I was able to work stations across the U.S. on 40-meters. Ray Day, N6HE, and I are both bringing our end-fed HF wire antennas to Catalina for the 2016 IOTA DXpedition. ■



PVARC News

The PVARC's "CW Group" morphs into a new monthly "HF Enthusiasts Group" for 2nd Saturday coffee

By Ray Day, N6HE

This is to let you know about some changes being made in the PVARC's year-old "Morse Code Group."

Our CW group's meeting attendance had been steadily decreasing and at the March 12th meeting no one but the "Elmers" showed up. So with apparent interest and commitment declining, we decided to make some positive changes. There will no longer be "Morse Code Group" meetings per se, instead the "name" and focus of our informal group is changing to "HF Enthusiasts Group" (by definition, this includes CW enthusiasts).

We'll be meeting informally on the second Saturday each month at the Ralph's supermarket café area (corner of Hawthorne Blvd. and Crest Road in RPV) at 9:00 AM. Anyone interested in anything HF (including CW, SSB, RTTY, PSK, antennas) is welcome and encouraged to attend. There won't be automatic email reminders. If you're interested in HF and/or CW, just show up. Hint: mark your calendars for the rest of 2016 now. Fortunately for some of us, there's an in-store Starbucks just 20 feet from where we'll be sitting!

Three other benefits from this new arrangement: 1) our 2nd Saturday "HF Enthusiasts" coffee meetings are just after the Southern California DX Club's 2nd Thursday night meetings, enabling others to hear about information conveyed at the latter; 2) as some radio clubs have discovered, a separate Saturday morning meeting works better for members who cannot attend on weeknights; and 3) you can combine the group meeting with a trip to the supermarket—buy what your household needs after you leave the gathering.

Having said that, all of us are willing and available to individually "Elmer" anyone committed to learning CW and/or getting on the air. The "HF/CW Elmers" (Ray, Jeff, and Clay) invite you to call or email us to schedule time to have a QSO on the air, come over to our QTH, practice Morse code, use our stations to get on the air...whatever works for you. The next "second Saturday" is April 9th. Mark your calendars and we'll hopefully see you there! ■

Right: Our "CW Enthusiasts" (clockwise from left) Jerry, NG6R; Jeff, K6JW; Ray, N6HE; and Clay, AB9A) at the PVARC's informal March 12, 2016, Morse Code Group meeting discussing moving the group to a broader "HF Enthusiasts" focus. Anyone is welcome to attend our 2nd Saturday coffee meetings at the RPV Ralph's, PHOTO: DIANA FEINBERG, AI6DF



News You Might Have Missed

Rancho Palos Verdes' annual "Whale of a Day" fosters awareness of whales, lighthouses, and our environment

The City of Rancho Palos Verdes' annual "Whale of a Day" on Saturday, March 12, drew a sizable crowd from across the South Bay to the Pt. Vicente Interpretive Center. Visitors had spectacular weather to observe whale-watching, our iconic Pt. Vicente Lighthouse (open to the public), plus exhibits from City and non-profit groups such as Friends of the Madrona Marsh and Palos Verdes Land Conservancy.

PVARC members Kel Vanderlip, KK6MNS (right), staffed the City's Infrastructure Management Advisory Committee booth and Herb Stark, KO6RC, worked with the PVIC Docents. Your QRO newsletter editor Diana, AI6DF, worked at the City's Emergency Preparedness Committee booth too. Definitely a Whale of a Day. ■



PHOTOS: DIANA FEINBERG, AI6DF



GRAY WHALE CENSUS & BEHAVIOR PROJECT
AMERICAN CETACEAN SOCIETY, LOS ANGELES CH.
GRAY WHALES 'Whale of a Day'

GRAY WHALES	TODAY	TOTALS SINCE	LAST SEASON
	03 • 12 • 16	12 - 01 - 15	TOTALS
SOUTHBOUND	35	1418	1902
NORTHBOUND	0	1936	2141
TOTAL GRAY WHALES	35	2754	4043
COW/CALF PAIRS SOUTHBOUND	0	33	50
COW/CALF PAIRS NORTHBOUND	3	6	318 RECORD

OTHER SIGHTINGS

WHALES	DATE	DOLPHINS	DATE	OTHER	DATE
FIN	3-8	COMMON	3-11	NEWLY BORN CALF	1-16
BLUE		BOTTLENOSE	3-9	THREE SHEARWATER	2-10
MINKE	3-2	PACIFIC WHITE-SIDED	3-11		
HUMPBACK	3-4	RISSO'S			
ORCA	1-13	FALSE KILLER WHALE	3-12		

WWW.ACS-LA.ORG

PVARC Short News Items

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

Our Past Vice President Mike Caulfield, AF6VT, and current Vice President Laura Behenna, KK6BFI, have lined up an interesting mix of meeting speakers for our upcoming monthly meetings in 2016.

At our **April 20, 2016** monthly meeting Bob Brehm, AK6R, of ferrite-core manufacturer Palomar Engineers in Carlsbad is presenting "The ABC's of RFI for Hams." Bob is an excellent presenter who gave two Tech Talks at HAMCON 2015 last September about controlling RFI—and both presentations had a full house. If you didn't see Bob's presentations at the Torrance Marriott Hotel you will have another opportunity at the PVARC's April meeting.

The PVARC's **May 18, 2016**, meeting topic is being re-arranged following a work-related schedule change for our original speaker. More details to follow.

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.

Lined up for our **July 20, 2016** meeting is PVARC member Chris Storey, KA6WNL, discussing the Los Angeles County Fire and Sheriff radio communication system.

In the meantime, your **QRO** editor Diana AI6DF is giving the PVARC's "Amateur Radio's International Lighthouse Weekend" presentation in Palm Springs on Tuesday, March 15, at the Deserts RATS Amateur Radio Club's monthly meeting. The Desert RATS club is the second-largest ham radio organization in Riverside County and sponsored the recent Palm Springs Hamfest on March 12. ■



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. ■

The PVARC's website now has a shorter address

We say again: the PVARC's website relocated to www.n6rpv.net/pvarc but also have registered 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 to which k6pv.org will re-direct. Several East Coast ham radio clubs with our initials had already registered pvarc.com, .net, and .org.

Dale Hanks, N6NNW, is graciously providing web-hosting through his www.n6rpv.net top-level domain after we learned 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 domain name.

Thanks again go to Dale and webmaster John Freeman, WW6WW, for facilitating our website's transition from www.palosverdes.com. ■

PVARC 2016 public service event update

A few of our club's public service events in 2016 will likely experience some changes.

This year's Ridgecrest Intermediate School 5K Run around the Peninsula's main shopping area is still listed as "tentative" for Sunday, April 24, 2016. Walt Ordway, K1DFO, is advising last year's radio operators at this event about the run's 2016 status. The Ridgecrest 5K replaced a similar run in the Peninsula's shopping district held every October.

Meanwhile we've been advised the September 24, 2016, 62-mile RAT Beach Bike Tour is returning to its original start/finish site: RAT Beach (otherwise known as Torrance Beach.) This bike tour's first two rides in 2010 and 2011 staged at RAT Beach before moving to Redondo Beach's King Harbor in 2012 and paired with the city's annual Lobster Festival. Several factors recently made it impractical to continue using King Harbor as the start/finish. Stay tuned for more info. ■

◆ 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
Past Vice President	Mike Caulfield, AF6VT

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
Webmaster: 310-541-6971, jrfree@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 photographed above heavy surf on March 5, 2016, just before a winter storm front arrived.* PHOTO: DIANA FEINBERG, AI6DF

PVARC News Items

Dues for 2016 due...

PVARC dues for 2016 are now due, the cost unchanged at \$15 for a single membership, \$17 for family membership. Our annual 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 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 March 16 club meeting where forms will be available. ■

10 new hams licensed at recent PVARC VE session

We welcome eight new Technician licensees and two new General class operators who passed their exams during our March 5, 2016, Volunteer Examiner test session at Hesse Park. Their tests followed the latest license classes taught by Walt Ordway, K1DFO.

Among the new Technicians was a freshman at Palos Verdes Peninsula High School who will be reimbursed through our John Alexander Fund.

PVARC Volunteer Examiners at this test session were: Jerry Shaw, K16RRD; Ray Day, N6HE; Ron Wagner, AC6RW; and Diana Feinberg, AI6DF. Dave Scholler, KG6BPH, was the session coordinator.

Walt, K1DFO, has scheduled his next round of Technician and General license classes at Hesse Park on May 7 and 14, with a VE test session on May 21. Please tell your friends, neighbors, and family members, ■

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)

INGO WERK, KK6EWB

JONATHAN GREEN, KK6VWK

SAEHUI HWANG (NEW CALL PENDING)

MARK CHILDIR (NEW CALL PENDING)

DALE GEHR (NEW CALL PENDING)

ROMYLEEN MITRA (NEW CALL PENDING)

NICHOLAS KOWALCZYK (NEW CALL
PENDING)

Free antennas from PVARC member

Free dish antennas to make stealth VHF/UHF antennas

By Bob Millard, KE6JI

I have a couple of old satellite dishes I want to give away.

On page 37 of the current (March 2016) issue of **QST** there is an article on how to build/modify a satellite dish into a stealth 2-meter antenna. I have a feeling that a clever ham could easily turn this design into a dual band or even a triple band antenna using separate feed lines for each band.

If anyone would like a dish please contact me at 626-298-5510 or via millardphotos@gmail.com. ■



With some modification, you can convert one of these satellite dishes into an amateur antenna (you will probably need to do some sawing, however.)

PHOTOS:
BOB MILLARD, KE6JI



PVARC News:

*In remembrance:***William Jameson, KF6LIY
(SK)**

In late February we learned PVARC member Bill Jameson, KF6LIY, of Palos Verdes Estates became a Silent Key on Christmas Morning 2015. He was 88 years old and passed away suddenly, according to his daughter.

Bill and his late wife Christine, KF6LIZ, were first licensed as hams in 1997 and joined the PVARC in 2003. Bill was also active as a senior warden at St. Francis Episcopal Church in Palos Verdes Estates following a lengthy career with the former Bethlehem Steel Company in Pennsylvania and California. Christine became a Silent Key in 2011. They lived in Palos Verdes Estates during 1954-1963 and from 1979 until their passing. ■

**Get involved with your city
and county radio groups**

The PVARC has long encouraged its members to become members of their government-affiliated disaster amateur radio groups.

Recent news from the Los Angeles County Disaster Communication Service, now overseen by the Sheriff's Department Communication and Fleet Management Bureau: the Lomita Station and South Los Angeles Station DCS units have combined into one group serving all 14 South Bay cities comprising Area G of the Los Angeles County Operational Area. New and returning amateurs in the South Bay are wanted; visit the Lomita DCS website at www.qsl.net/lmtdcs for more information. Applications are needed by April 4 for the next new member training on Saturday, April 23.

If you live there don't forget to join Palos Verdes Estates' NART, RPV's PVAN, Torrance's TARA, Gardena DCS, Redondo Beach ARA, Hermosa Beach ARA, or Manhattan Beach city radio groups. ■

**Santa Catalina Island - NA-066
K6PV/6****PVARC 2016 Catalina Island
DXpedition nears departure**

All plans are "Go" for the PVARC's 2016 DXpedition activating Catalina Island for the Radio Society of Great Britain's Islands on the Air program during April 27-May 1.

Team Leader Ray Day, N6HE, has coordinated arrangements with the Two Harbors campground and recently held a planning meeting with most PVARC participants.

With HF band conditions being less favorable as the current solar cycle continues its downward path this year's DXpedition is smaller-scaled than prior years. We will only set up two HF stations on Catalina, not use the 160-meter band this year, and expect 10- and 12-meter band conditions won't be favorable.

This year's team members will use Catalina Express to reach Two Harbors, resulting in observing baggage limitations for quantity, weight, and length.

We recently exhausted our 2007-vintage IOTA QSL cards and are "retiring" the fanciful pelican adorning the previous cards. Ray, N6HE, has been developing several design concepts for our new IOTA QSL card (not shown above).

More DXpedition news to follow. ■

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). *(Note: As of March 14, 2016, the full Committee had not yet voted on this measure.)*

"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**

The Amateur Radio Parity Act of 2015
S 1685 ■ HR 1301

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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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.

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
- 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

PVARC Ham License Classes

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

Feb. 20 & 27; May 7 and 14; additional dates to be announced.



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 May 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 (2nd level)

Each course is 2 sessions

The next sessions are on 7 May and 14 May, 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, May 21, 2016.

The Palos Verdes Amateur Radio Club will make a brief presentation at 9:30 AM at the start of the 7 May 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

The ARRL Nevada Section Convention in Las Vegas during April 29-May 1 welcomes California hams



WELCOME TO LAS VEGAS
AND THE

NEVADA STATE CONVENTION
APRIL 29-MAY 1, 2016
EASTSIDE CANNERY CASINO & HOTEL

Close to McCarran Airport and the fabulous Las Vegas Strip



REGISTRATION

EARLY BIRD (ONLINE):
Starts Dec 7, 2015

AT THE DOOR:
Starts Apr 29, 2016
(12:00 pm)
and
Apr 30, 2016
(8:00 am)

FEATURED ATTRACTIONS

- Featured Speakers
(Gordon West and Rick Roderick from the A.R.R.L.)
- Major Equipment Manufacturers
- License Classes and Exams
- Saturday Night Banquet
- Large Tailgate / Swap Area
- Presentations and Forum Discussions
- R.V. Parking Available
- Wide Selection of Tours, Shopping, Shows and Gaming for Extended Stay/Spouses

For questions, directions and reservations please visit us at:

NVCON.ORG
check frequently for updated information

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Las Vegas Radio Amateur Club, Inc.
www.lvrac.org