

QRO

THE MONTHLY NEWSLETTER OF THE PALOS VERDES AMATEUR RADIO CLUB

June 2011

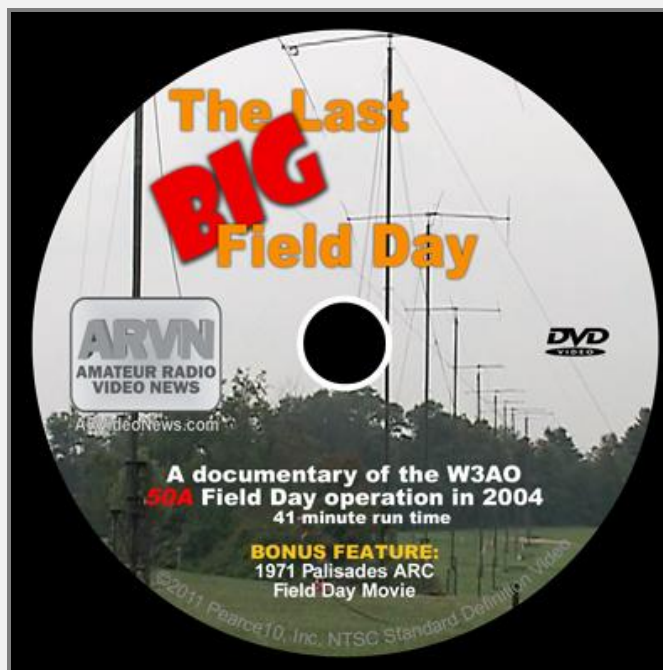
A Field Day Primer, How PVARC Will Participate in 2011, and How Two Clubs Used 50 Transmitters at Field Day 2004

We're having a "Field Day evening" during our June 15th (Wednesday) meeting at 7:30 pm in Fred Hesse Park's Activity Room.

Our main presentation will focus on the PVARC's activities for this year's Field Day on June 25-26. Besides a primer on Field Day for newer hams, we'll also be showing portions of a new Field Day documentary on DVD entitled, "The Last BIG Field Day."

This documentary is called "BIG" because the Potomac Valley Amateur Radio Club (near Washington, DC) and Columbia (MD) Amateur Radio Association together operated 50 transmitters at their Field Day site in 2004. The ARRL has since changed Field Day rules and a 50-A setup will never happen again.

The PVARC will be 2-A for Field Day this year, with a third radio allowed for VHF/UHF. But there's lots that our members can do with three transmitters, so do plan to participate.



Our President Speaks: Some Recent and Upcoming Activities

By Jeff Wolf, K6JW
PVARC President



Now that summer has unofficially begun post-Memorial Day, let me wish a happy summer to all! We had a pretty cool, wet, and windy spring, weather-wise, but with some luck we'll now be headed into some decent antenna maintenance weather. My 80 meter dipole has been down since the new SteppIR went up, and it's time to get out there and raise it, again.

I hope everyone will take advantage of the extended Early Bird registration period for HAMCON. That's right, the window has been extended through 30 June!

As an added incentive, there's going to be an Early Bird registrants' drawing for a Yaesu FT-857D HF/VHF/UHF compact transceiver, so get on the website and sign up now. You can pay by PayPal or by downloading a registration form and sending it by snail mail to HAMCON. The website address is:

<http://www.HAMCONinc.org/>

Please note that it's ".org", not ".com".

June being the month of Field Day, we'll be talking about what Field Day is, how the Club will do it, and what you can do to participate. We're also showing a documentary video about Field Day, so do plan to attend.

This year Field Day will be held Saturday and Sunday, June 25-26, so be sure to set aside some time to come and be involved in the PVARC's effort to demonstrate to the community how amateur radio can set up and operate under

field conditions in an emergency. No prior experience is necessary, and all are invited to participate.

Our previous club president, Joe (NZ6L), initiated a weekly mailing to the Club's members. Feeling that this was a great idea well executed, I've tried to continue sending those regular bulletins. I've heard little back from the membership about them, though, and would like some feedback as to whether they're useful or whether folks are just deleting them like so much unwanted spam. Please let me know whether you'd like the weekly bulletins to continue.

Article continued on next page ►

HAMCON Bonus: Exclusive Raffle Drawing for Early Bird Registrants



A Yaesu FT-857D HF/VHF/UHF transceiver is being raffled for "Early Bird" registrants to HAMCON 2011. Early Bird registration has been extended until June 30. PHOTO CREDIT: YAESU / VERTEX STANDARD, USA

Our President Speaks

► *Continued from previous page*

As many of you know, I go to the Dayton Hamvention every two years. This was my off year, and I regret that by not going I missed the unveiling of Elecraft's new offering: the KX3. For those of you who've missed the excitement about this radio, let me just say that it's a radio based on Elecraft's top of the line K3 but designed to be much more compact for portable use. The base radio is a "QRP+" radio that can run up to 10 watts, but Elecraft will also be selling a 100 watt power amplifier and automatic antenna tuner, turning the combination into a more powerful and flexible station that can be used either in portable or fixed applications.

Best of all, the performance will be great while the cost will be substantially less than the cost of a K3. I mention this not to shill for Elecraft, but to emphasize that those with space restrictions or who want a single radio "to do it all" will now have another choice in addition to those radios in the Yaesu, ICOM, Ten-Tec, and Flex radio lines that also lend themselves to both portable and fixed base use. The Elecraft unit will probably not actually be available for sale until late in the year or early next year, but Elecraft is maintaining an interest list for those who want to be kept informed regarding ultimate availability. While the HF bands are heating up, it's also true

that 6 meters, a band that in many ways bridges between HF and VHF, is heading into its busy season. Spots for 6 meters are now showing up with regularity on the spotting clusters, and there's DX to be worked. The catch is that openings on 6 meters can be brief, so stay vigilant and be prepared to pounce when the spots start rolling in. What, you say? You're not monitoring the spots? Do it by going to the DX Summit website, by Telnetting to a spotting site, or by using packet radio to monitor the DX Spider cluster node that our own Mel, K6SY, maintains. For info on any of these options, check with Mel or me.

Finally, remember to check into the Tuesday night PVARC net to keep up with the latest news and to chat with your fellow Club members. (Again, I have severe multipath from my house to the repeater that badly distorts my audio so, unfortunately, I can't check in.)

See you at the meeting.

73 es gud DX,
Jeff, K6JW ■



The intriguing 10-watt Elecraft KX3 transceiver was introduced last month at the Dayton Hamvention.

Note the plug-in CW paddles on the bottom for portable use. A separate amplifier also plugs into the radio to provide 100-watt output.

PHOTO CREDIT: ELECRAFT, INC.

Monthly Program Notes from Our Vice President

By Bob Sylvest, AB6SY
PVARC Vice President

Our last meeting featured Clint Bradford with a highly informative introduction to satellite communications. It's maybe the best way for Technician Class hams to enjoy DX, because all the communications are on the VHF and UHF bands. Be sure to visit Clint's website for a refresher on anything you may have missed in his excellent presentation.

<http://web.me.com/clintbradford/k6lcs/Home.html>

Our June meeting will be devoted to Field Day. First, we'll have a short primer: a review of Field Day for those who are long-standing participants and an introduction to those newer to the hobby and perhaps to our Field Day activities.

Then we have the treat of watching "The Last BIG Field Day", a documentary of a 50-transceiver Field Day installation in 2004. Imagine that! We normally operate two HF stations and a VHF/UHF station. It takes a monumental effort to put on a Field Day like the one you will see in this video. You can see a preview of it at

<http://arvideonews.com/index.html>.

Moving one month out, the topic for our July meeting is "What's in Your Shack?". The presentations will all come from club members showing and telling a little bit about their ham experience.

We'll limit each speaker to 5 minutes so we can hear from as wide a range of people as possible. During that brief time, you can introduce your station or something about it, show your shack, your antenna system, your power supply system, any of your home brew projects, special

vehicle installations, or just about any other topic related to your ham radio world. What will be especially interesting is any "outside the box" or "unusual" things you do with ham radio.

As an example, I have a vertical HF antenna with its base raised about 14 feet. I'll show and talk briefly about the drooping radial/counterpoise system I put together in a very limited space next to the garage.

I'll also be asking for pictures to accompany the presentations, so break out the digital camera (or the scanner) and get some photos ready to enhance your presentation. This should be a lot of fun for all of us. ■



Above: Elements of the PVARC's CW operation during Field Day 2010. PHOTO: JOHN FREEMAN, WW6WW

PVARC's Field Day Usually Has Something "New" Each Year.

By Diana Feinberg, AI6DF

Ham radio sure wouldn't be the same without Field Day. But NCAA March Madness basketball's catchphrase, "Anything can happen and usually does," might describe Field Day as well.

Our Field Days have taught us to recover from unexpected situations and remain on the air while still keeping a sense of humor about it long afterward. We are fully committed to safe Field Day operations and publicly demonstrating emergency use of ham radio, but sometimes "stuff happens."

In 2006, for example, our "Get On the Air" station tent was blown over when a strong wind gust hit Peninsula High School. In 2007, HF propagation was absolutely terrible. In 2008, the high school's lawn sprinkler system turned on at 5:00 am—shooting water into our SSB tent and completely flooding our CW tent from underneath. Are you getting the drift?

Then there was Field Day 2010. Our SSB station's logging computer went down during a generator refueling at 2:15 a.m., but the logging file hadn't been properly saved. Jeff Wolf, K6JW, did a miraculous data recovery later. Then, one of our generators began belching smoke at 5:15 a.m. and someone called the Fire Department. Lastly, our operators had to compete with a two-day charity event playing loudly amplified music on the adjacent football field. Nevertheless PVARC still finished in the top 18% of all clubs nationwide in the 2-A category last year.

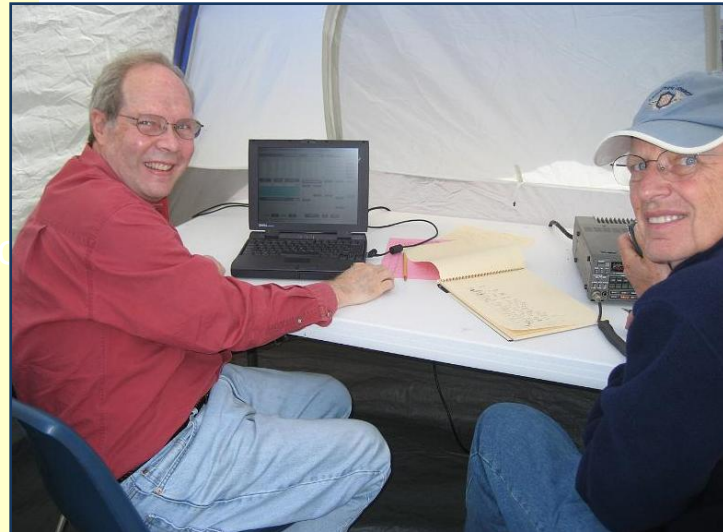
For Field Day 2011 Jeff, K6JW, has indicated our first surprise might be a location change to Ridgecrest Intermediate School if pending construction work at Peninsula High School gets in the way. Jeff will notify all members when our location is finalized.

But please come to PVARC's 2011 Field Day and operate, log, or just observe—even if just for 20 minutes. It's amazingly a place where anything can happen and usually does. ■



Top: Is that an antenna? Bob Sylvest, AB6SY; Rocco Lardiere, N6KN; Dan Yang, K6DPY; and Dan Colburn, W6DC, put it all together at Field Day 2010.

PHOTO: BOB CLOSSON, W6HIP



Above: John Freeman, WW6WW (left), logging and Bill Leighton, KG6WVF, operating on SSB in 2010. (Photo is from John's camera, but who took this picture?)



Right: Paige Omoto, KI6MAH, and Mel Hughes, K6SY, operating at the VHF/UHF station during last year's Field Day.

PHOTO: BOB CLOSSON, W6HIP

A Free Noteworthy Reference for Hams



Recognizing the Sounds of Digital Mode Transmissions

Your wide-receive HT radio isn't hearing a UFO when you turn the VFO.

Those strange beeps, burps, buzzes, gargles, gurgles, hums, and other raucous “noises” you often hear mean you are listening to a digital mode transmission. A few digital modes are used within ham bands and some are useful for HF, but most are in VHF/UHF spectrum serving public safety, multi-user commercial radio systems, railroads, telemetry, and other uses.

Identifying digital modes outside of amateur radio bands is a problem without some help. Of course, amateurs cannot demodulate most non-ham digital modes to see or hear the actual communication but we sure can hear their “noise” or get annoyed when it becomes intermod.

My first QRO Editor's Choice as “a free noteworthy reference for hams” is a comprehensive collection of audio samples covering 124 different digital modes. I haven't found anything else like it. Created by Gary Hahn, KB9UKD, and his collaborators, it's at:

<http://www.kb9ukd.com/digital/>

Just click on any of the 124 digital modes to hear their respective sounds. Not only ham modes like RTTY, PACTOR, AMTOR, JT65A, or PSK31, but numerous proprietary modes used for mobile display terminals, trunked radio systems, railroad signal and track control, paging systems, weather buoys, broadband over powerline, and airport wind shear reporting systems (among others). There are even a few audio examples of what mobile IP-based broadband systems for first-responders sound like. The link to this compilation has been cited elsewhere from time to time but perhaps you missed those. Scroll through the list and give some of these audio samples a listen.

Thanks, Gary.

--Diana Feinberg, AI6DF

Editor's Note: This article is part of an occasional **QRO** series recognizing noteworthy free reference information available to amateur operators. Some club members might be familiar with these references, but I believe many of our members aren't. As someone who came to ham radio later in life, I have greatly appreciated these reference sources for increasing my radio-related knowledge at no cost. Some references, while free to download or use, were intended to help promote a product line—but I'm still thankful for the useful information.

Your **QRO** editor has no financial, personal, or familial relationship with any organization or individual recognized in these articles. ■

Coming Soon...

Our Lighthouse Weekend This Year is August 19-21

After Field Day our other major summer event is International Lighthouse and Lightship Weekend from Friday, August 19, through Sunday, August 21. PVARC is again cleared to operate from the Pt. Vicente Lighthouse during that weekend.

We do not know if the U.S. Coast Guard Auxiliary's amateur radio group or Gordon West will be joining us this year. But we plan to operate our HF station from inside the lighthouse as many hours as possible and all club members are welcome at the mike. (Technician class and non-licensed individuals will need a control operator with HF operating privileges to be present, however).

Our annual picnic on the lighthouse grounds--exclusively for PVARC members and their families--will be Sunday, August 21, at noon. Our Past President, Joe Pace (NZ6L), has agreed to again preside over food operations and, as always, no one leaves our Lighthouse picnic on an empty stomach. Next month we will begin asking members to indicate the picnic side dish or condiment they plan to bring.

QRO has adopted the Pt. Vicente Lighthouse as an icon for our club. Let us know if you have any interesting photos of this lighthouse to publish in **QRO**.

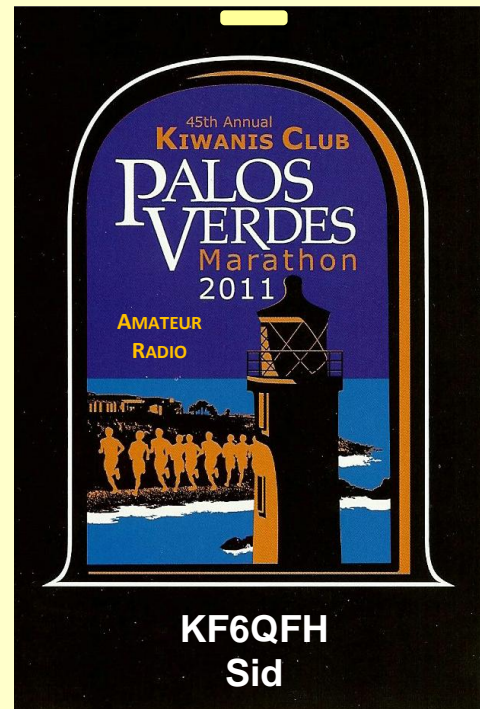
Photo below: The Pt. Vicente Lighthouse on a clear day, photographed by Daniel Yang, K6DPY. Note the flags flying towards the west—a sign of Santa Ana winds. ■





Above: Runners pass Aid Station 4 in Lunada Bay as Bill Harper, WA6ESC (lower right), monitors the situation.
PHOTO: MATT ORLICH, WA6AJC

Right: Badge of Sid Wielin, KF6QFH, again "Shadow" to the Marathon director.



PVARC Handles Communication Along A New Marathon Course

By Diana Feinberg, AI6DF

It may have been the 45th annual Palos Verdes Marathon, but this year was the first on a new course for both the runners and the event logistics. And as with any first-time, a few issues will need fine-tuning for next-time.

This year's compact route ran entirely within Rancho Palos Verdes and Palos Verdes Estates, requiring full Marathon runners (26-milers) to make two complete laps. The PVARC provided amateur radio communications along this looping route using 25 club members and four non-member hams. We also interfaced with three emergency medical technicians provided by the Bobby Sherman EMT Foundation who were licensed amateur operators. Altogether, the 33 hams operating at this year's PV Marathon was the highest number in recent years.

The weather was perfect for this year's Marathon—overcast, a bit on the cool side, not too dry. But the logistics for staging the race took our radio team into new areas regarding parking and transporting runners to/from the Start/Finish area. Ten large buses each capable of carrying 84 passengers shuttled runners and others from the Promenade Mall parking structure to the Start/Finish. Eight smaller buses each holding 40 passengers operated from RPV City Hall and the Salvation Army College.

The usual large Econoline vans from the San Pedro YMCA weren't available this year, nor was our usual motorcycle Rover—leaving our team at a slight disadvantage—but we hope to have these units next year.

The major problem at this year's event was vehicle traffic congestion on Palos Verdes Drive South near the Terranea entrance. The Sheriff's Department went to great lengths ensuring runners' safety by

Article continued on next page ►

Palos Verdes Marathon

► *Continued from previous page*

holding traffic at the Terranea entrance as necessary. At last year's Marathon our Walt Ordway, K1DFO, was the radio operator at the aid station just outside Terranea and personally directed street traffic when drivers began cutting off incoming runners after Sheriff's deputies left.

Our radio operations also took a different direction this year. We attempted to cross-link our club's K6PV repeater, the Palos Verdes Estates W6PVE repeater, and a 2-meter simplex cross-band channel into a single network. It wasn't possible to eliminate the "hang time" on both repeaters and we experienced some latency using the 2-meter cross-band channel. Nevertheless, we're already thinking of radio improvements for next year.

Thank you to all our radio operators for a great job at the 45th Palos Verdes Marathon. We hope you can be on the air for the 46th Marathon next May. ■



Ray Day, N6HE, is dwarfed by his antenna at the Sheriff's command post outside the Pt. Vicente Interpretive Center.

PALOS VERDES AMATEUR RADIO CLUB 2011 PALOS VERDES MARATHON TEAM

Aid Stations and PVE Turn:

Don Culler, KJ6FLI
 Bill Harper, WA6ESC
 Joe Locascio, K5KT
 Homer Meek, K6HKT
 Dave Nichols, WB6ZVU
 Walt Ordway, K1DFO
 Matt Orlich, WA6AJC
 Joe Pace NZ6L
 Mike Semos, N6DBS
 Daniel Yang, K6DPY

Command Posts:

Deane Bouvier, N5DQ (L.A. County)
 Ray Day, N6HE (L.A. County)
 Bob Sylvest, AB6SY (Palos Verdes Estates)
 Bryant Winchell, W2RGG (Palos Verdes Estates)

Net Control:

Matthew Cruse, N6MDC
 Diana Feinberg, AI6DF
 Dale Hanks, N6NNW

Van & Rover:

Lovell Chase, KI6VZS

Start/Finish and Expo Areas:

Cynthia Gonyea, KJ6GPG
 Peter Landon, KE6JPM
 Eric Siess, W6EWS
 Sid Wielin, KF6QFH

Parking Areas and Bus:

Dan Colburn, W6DC
 Hal Croyts, KO6M
 Clay Davis, AB9A
 Bill Leighton, KG6WVF
 Chuck McCown, K6CTM
 Bob Sylvest, AB6SY
 Curtis Watanabe, KI6KUK

Relief Operator:

Herb Clarkson, KM6DD

Radio System Development:

Bill Harper, WA6ESC

In About 90 Days: The ARRL Southwest Division Convention Is At The Torrance Marriott

HAMCON 2011 is the name for this year's ARRL Southwest Division Convention and our club is part of it.

From Friday, Sept. 9, through Sunday morning, Sept. 11, hams will find a plethora of useful information at the Torrance Marriott from free seminars and workshops, vendors/exhibitors, and (of course) meeting ham operators from throughout the ARRL Southwest Division.

HAMCON's seminar/workshop schedule wasn't released as of this month's **QRO** deadline, but there's already an impressive list of vendors and exhibitors tentatively listed for the Exhibit Hall (*see sidebar at right*). Some vendors offer discounts for purchases at conventions such as HAMCON—after all, they don't want to carry everything home.

And as with many larger ham conventions, there are the raffle prizes. HAMCON will hold drawings for numerous ham radio items, so it's definitely worth purchasing at least a few tickets.

Attendees may also operate the ARRL's official station W1AW (under the call sign W1AW/6). Plus there are optional banquets to attend for Saturday lunch or dinner, and Sunday breakfast.

PVARC is one of the Los Angeles-area amateur clubs sponsoring HAMCON 2011. Our club is responsible for staffing the Information Desk and we will need two volunteers at the Desk throughout the convention's operating hours. We hope many PVARC members can work at the Information Desk for an hour or two—and you will still have plenty of time to enjoy the Convention program. ■

⚡ Flash: Early-Bird Rates Extended

HAMCON 2011's Early-Bird registration fee of \$15 has been extended through June 30. Register now to save; a registration form appears on the final page of this month's **QRO**.

Tentative List of Vendors in the Torrance Marriott Exhibit Hall at HAMCON 2011

(listings as of June 1, 2011)

Meet representatives from these firms and see / purchase their products

Antennas:

- Comet
- Diamond
- M2
- N6BT
- SteppIR

Amateur radio equipment or electronic component retailers:

- The DX Store
- HamCity.com / Jun's
- Ham4Less.com
- Ham Radio Outlet
- Hi-Tech Liquidators
- Impulse Electronics
- Ni-Cad Lady
- Wired Communications

Organizations and Publishers:

- American Radio Relay League
- CQ Magazine
- Gordon West Radio School
- National Communications
- W2JKJ EduCom

Radio Manufacturers:

- Alinco
- Elecraft
- Icom
- Kenwood
- Yaesu

Accessories and Miscellaneous:

- Byonics
- Embroidery in Motion
- Nifty! Ham Accessories
- SOS Products
- Western Case Co.

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PALOS VERDES AMATEUR RADIO CLUB 2011 SCHEDULE OF EVENTS



03 JAN 2011

Weekly Club Nets:

All members and guests are invited to check-in to our Club net every Tuesday at 7:30 pm on the K6PV repeater, 447.120 MHz (-), PL 100.0.

Monthly No-Host Dinners:

Prior to each month's General Meeting, join club members (and often our speaker) at 5:30 pm for a No-Host dinner at the Red Onion Restaurant, 736 Silver Spur Road, Rolling Hills Estates.

- June 15th – General Meeting
- June 25th-26th – ARRL Field Day!
- July 20st – General Meeting
- August 13th – RHE 5K/10K Run/5K Walk
- August 19st-21nd – Lighthouse Weekend
- August 21nd – Summer Picnic at Pt. Vicente
- September 5th – Conquer the Bridge Run
- September 9th-11th – HAMCON 2011
- September 18th – Concours d'Elegance
- September 21th – General Meeting
- September 24th – RAT Beach Bike Tour
- October 19th – General Meeting
- November 16th – General Meeting
- December 14nd – Holiday Dinner, Ports O'Call Restaurant, San Pedro

Check-In to PVARC's Nets on K6PV

All members are invited to check in during PVARC's nets every Tuesday from 7:30-8:00 pm on the K6PV repeater.

Let a club officer know if you are interested in serving as a guest net control on the first Tuesday of any month. There's no obligation to serve again as net control, but it's an interesting experience. ■

Free Morse Code Course CD via N6HE

Ray Day, N6HE, received a free CD of the K7QO Morse code course from the FISTS organization while at the Dayton Hamvention last month. Ray says he will be glad to make a copy for any PVARC member who would like one (note: this CD may be freely copied). Contact rayday@cox.net ■

PVARC Members Will Be Assisting PVE and RPV at July 4th Events

Palos Verdes Estates and Rancho Palos Verdes will be staffing "open house" amateur radio operations during their respective 4th of July city festivals. A number of PVARC members belonging to each city's disaster amateur radio organization are involved with these events.

PVE's Neighborhood Amateur Radio Team again will operate and display its mobile command post, this year from Malaga Cove School. At RPV City Hall, the RPV Emergency Communications Center will also be open for public viewing. RPV's Emergency Preparedness Committee is also staffing a booth giving away emergency information and some emergency backpacks. ■

PVARC Treasurer's Report, 06-01-2011

PVARC General Fund	\$2,496.37
John Alexander Fund	\$997.00
Repeater Fund	\$1,251.86
Total Bank Balance	\$4, 745.23

2011 Membership to-date	133
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Palos Verdes Amateur Radio Club

An American Radio Relay League Affiliated-Club

Board of Directors:

President	Jeff Wolf, K6JW
Vice President	Bob Sylvest, AB6SY
Treasurer	Diana Feinberg, AI6DF
Secretary	Chuck McCown, K6CTM
Past President	Joe Pace, NZ6L
Directors:	Clay Davis, AB9A
	Mel Hughes, K6SY

Appointed Offices:

Interim QRO Editor	Diana Feinberg, AI6DF
Asst. to Editor	Paige Omoto, KI6MAH
Webmaster	John Freeman, WW6WW
Club Librarian	Bryant Winchell, W2RGG
VE Coordinator	Dave Scholler, KG6BPH
VE Liaison	Diana Feinberg, AI6DF
LAACARC Rep	Joe Pace, NZ6L
Yahoo PVARC Group Moderator	Daniel Yang, K6DPY

Contacts:

Interim QRO Editor: 310-544-2917, ai6df@arrrl.net
 Webmaster: 310-541-6971, jfree@cox.net

Email us: k6pv@arrrl.net

Website: 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.

Club Repeaters (Open):

K6PV, 447.120 MHz (-), PL 100.0, CTCSS
 PV-West, 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 of Pt. Vicente Lighthouse by: Daniel Yang, K6DPY



Palos Verdes Amateur Radio Club
 P.O. Box 2316
 Palos Verdes Peninsula, CA 90274
 www.palosverdes.com/pvarc

**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: _____

Member of: (DCS, ARES, PVAN, NART) _____ District _____ Unit ID # _____

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 1st to December 31st year.
 All New and Renewal Member applications must be signed below.

Using amateur radio equipment improperly or ignoring safety practices can lead to injury or other harm. Don't try to perform amateur radio operations you might learn through PVARC or elsewhere unless you are certain they are safe for you. If something doesn't feel right, either: 1) do not do it; 2) look for another approach; or 3) ask for assistance from someone who is more experienced. PVARC wants you and your family to be safe and enjoy amateur radio to its fullest. Your signature below acknowledges that you will take responsibility for keeping safety foremost when working with amateur radio equipment or at events.

Signature: _____ Date: _____

Family Member Signature: _____ Date: _____

PVARC's amateur radio license courses taught by Walt Ordway, K1DFO, will be on vacation during the summer months. Walt's next classes start on September 24th. Please tell your friends, neighbors, and family members.

Two Amateur Radio Courses

FCC "Technician" course (entry level)

FCC "General" course (2nd level)

Each course is 2 sessions

The 2 sessions are on September 24 & October 1

Technician 10:00 AM to 2:00 PM both Saturdays

General 2:15 PM to 5:00 PM both Saturdays

FCC tests will be 10 AM to noon on October 8

The location is Hesse Park

29301 Hawthorne Blvd.

Rancho Palos Verdes

- No pre-registration required -**
- No fee for either course -**
- Taking the FCC Test is \$15 -**

Optional Material

- Gordon West book with all the FCC test questions,
\$22 for the Technician and \$22 for the General -**
- Copy of my Power Point charts,
\$18 for the Technician and \$18 for the General -**

For courses sponsored by the Palos Verdes Amateur Radio Club, students thru grade 12 who get their license will, upon application to the Club, be reimbursed up to a maximum of \$50 to cover the cost of materials and the examination fee.

**For more information contact
Walt, K1DFO, at walt.ordway@yahoo.com**

**ANNOUNCING
THE NEXT SW DIVISION CONVENTION**



HAMCON 2011

ARRL Southwest Division
Amateur Radio Convention
"COMMUNICATIONS
AROUND THE WORLD"

September 9, 10, & 11, 2011

Marriott Torrance South Bay
3635 Fashion Way, Torrance, CA 90503 1-800-228-9290
Hotel Reservation Code: HAMCON

COME JOIN THE FUN
AND

EXPERIENCE WHAT HAM RADIO HAS TO OFFER

CW

W1AW/6

DX

SPECIAL EVENT STATION

LUNCH

VENDORS

ANTENNAS

BANQUET

EXHIBITORS

WOUFF HONG

EVEN SOMETHING TO DO
FOR THAT NON HAM
IN YOUR LIFE

BREAKFAST

TECHNICAL TALKS

EMCOMM

T-HUNTING

RADIO DEMOS

DOOR PRIZES

VE EXAMS

GREAT PROGRAMS

ELMERS

ELECTRONICS

TECHNOLOGY

FOR INFORMATION UPDATES AND THE LATEST NEWS
VISIT OUR WEBSITE: HAMCONINC.ORG



HAMCON 2011

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3635 Fashion Way, Torrance, CA 90503 1-800-228-9290 Hotel Reservation Code: HAMCON

REGISTRATION FORM

ALL ATTENDEES MUST BE REGISTERED - Please list all additional attendees
No Charge for Children under 16 when Accompanied by a Registered Adult

Call Sign: _____ Last Name: _____ First Name: _____

Address: _____ City: _____

State: _____ Zip Code: _____ Email: _____

ADDITIONAL ATTENDEES (all adults must pay admission)

NAME (PLEASE PRINT)	CALLSIGN	CHILD	ADULT
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

REGISTRATION OPTIONS	Price	Qty	Total
EARLY BIRD (Postmarked/Submitted by May 31, 2011) Convention Pin Included Extended to June 30, 2011	\$15.00	_____ @ \$15.00 =	\$ _____
PRE-REGISTRATION (Postmarked/Submitted by Aug. 1, 2011)	\$18.00	_____ @ \$18.00 =	\$ _____
ON-SITE REGISTRATION	\$20.00	_____ @ \$20.00 =	\$ _____
Convention Pins (While Supplies Last)	\$ 5.00	_____ @ \$ 5.00 =	\$ _____
Breakfast Tickets	\$25.00	_____ @ \$25.00 =	\$ _____
Luncheon Tickets	\$30.00	_____ @ \$30.00 =	\$ _____
Banquet Tickets _____ Beef _____ Chicken _____ Vegetarian	\$45.00	_____ @ \$45.00 =	\$ _____
Excursion (Bus Tour from Hotel to The Getty Museum)	\$30.00	_____ @ \$30.00 =	\$ _____
Seating is limited - Reserve your seat now!		TOTAL:	\$ _____

Mail / Make Checks Payable To:
HAMCON, INC.
P.O. Box 333
Pomona, CA 91768
For Information Updates Visit
HAMCONINC.ORG

STAFF USE ONLY

Date Received: _____ # Adults Registered _____
Children Registered _____ # Pins Ordered _____
Check # _____ Receipt # _____
Comments: _____

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

Certain software programs for converting the text of PDF files into spoken words reportedly have difficulty converting short stand-alone text items such as photo captions. The following are captions for all photographs and illustrations in this month's QRO combined into a larger body of text to facilitate conversion into speech.

On page 1, the illustrations across the top show the Point Vicente Lighthouse, the PVARC logo, the ARRL Field Day 2011 logo, and the ARRL diamond-shape logo. The illustration at the lower right shows the DVD label for "The Last Big Field Day" documentary.

On page 2, the photo at upper right shows our club president, Jeff Wolf, K6JW. The photo at lower right shows a Yaesu FT-857D radio and the caption says: A Yaesu FT-857D HF/VHF/UHF transceiver is being raffled for "Early Bird" registrants to HAMCON 2011. Early Bird registration has been extended until June 30. PHOTO CREDIT: YAESU / VERTEX STANDARD, USA

On page 3, the photo at the bottom of the page is of the Elecraft KX3 radio and the caption says: The intriguing 10-watt Elecraft KX3 transceiver was introduced last month at the Dayton Hamvention. Note the plug-in CW paddles on the bottom for portable use. A separate amplifier also plugs into the radio to provide 100-watt output. PHOTO CREDIT: ELECRAFT, INC.

On page 4, the caption of the photo at the bottom right says: Elements of the PVARC's CW operation during Field Day 2010. PHOTO: JOHN FREEMAN, WW6WW

On page 5 in the article about PVARC's Field Days Usually Do Have Something "New" Each Year there are three photographs. The caption of the top photograph says: Is that an antenna? Bob Sylvest, AB6SY; Rocco Lardiere, N6KN; Dan Yang, K6DPY; and Dan Colburn, W6DC, put it all together at Field Day 2010. (Photo by Bob Closson, W6HIP). The caption of the center photograph says: John Freeman, WW6WW (left), logging and Bill Leighton, KG6WVF, operating on SSB in 2010. (The photo is from John's camera, but who took the picture?) The caption of the bottom photograph says: A festive all-day and night charity walk-a-thon adjacent to our SSB station had plenty of music. (Photo by Bob Closson, W6HIP)

On page 7, the photo caption says: The Pt. Vicente Lighthouse on a clear day, photographed by Daniel Yang, K6DPY. Note the flags flying towards the west—a sign of Santa Ana winds.

On page 8, the article about the Palos Verdes Marathon contains two photographs. The caption of the top photo says, Runners pass Aid Station 4 in Lunada Bay as Bill Harper, WA6ESC, monitors the situation. (Photo by Matt Orlich, WA6AJC). The photograph at the top right says: The badge of Sid Wielin, KF6QFH, again "Shadow" to the Marathon director.

On page 9, after the continuation of the article about the Palos Verdes Marathon the photograph on the left side says: Ray Day, N6HE, is dwarfed by his antenna at the Sheriff's command post outside the Pt.Vicente Interpretive Center.

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