



QRO

THE MONTHLY NEWSLETTER OF THE PALOS VERDES AMATEUR RADIO CLUB

OCTOBER 2012

Amateur Radio and the International Space Station

Amateur radio on the International Space Station has evolved considerably since the ISS' first sections were assembled above Earth. With assistance from several PVARC members, Soleado Elementary School in Rancho Palos Verdes was selected this summer as one of 800 schools in the United States for an amateur radio contact with the ISS during the 2012-2013 school year.

PVARC's speaker on October 17 at 7:30 pm is Charles Sufana, AJ9N of Huntington Beach, who has been the Southern California interface between NASA and schools. His role is ensuring schools have the appropriate equipment and antennas for communicating with the ISS. He will also be presenting a video showing the ISS' involvement with amateur radio. ■



PVARC MONTHLY MEETING

"Amateur Radio on the
International Space Station"
Charles Sufana, AJ9N

When: 7:30 pm, Wednesday,
October 17, 2012

Where: Fred Hesse Park
29301 Hawthorne Blvd.
Rancho Palos Verdes

And now, for an entirely different earthly view...

By Diana Feinberg, AI6DF
PVARC President

QRO's front page has featured views of the iconic Pt. Vicente Lighthouse every month since late 2010. These land-side photos were taken from the Pt. Vicente-adjacent area, but who would have known this wonderful lighthouse becomes almost insignificant viewed from other earth-bound angles?

When seen from the Catalina Channel the Pt. Vicente Lighthouse almost disappears against the Palos Verdes Peninsula's semi-bare western landscape. The lighthouse's night lantern, of course, is quite visible from the sea. PVARC member Norm Thorn, K6UU, took the photo at right from a whale-watching boat off Pt. Vicente in early August and the lighthouse is shown dwarfed by the Peninsula's mass.

An interesting fact learned during the 2012 International Lighthouse and Lightship Weekend was that Pt. Vicente and Pt. Fermin Lighthouses were sited so their beams could be seen by keepers from the other lighthouse.

I went atop Pt. Fermin's now deactivated lighthouse during a tour on Friday, August 18. The view was very impressive at sunset and yes, Pt. Vicente's light was clearly visible. But the Pt. Vicente lighthouse itself was just a pinhead on the horizon.

It's often said one photo is worth a thousand words, so I will let these two photos provide the remaining 1,795 words. ■

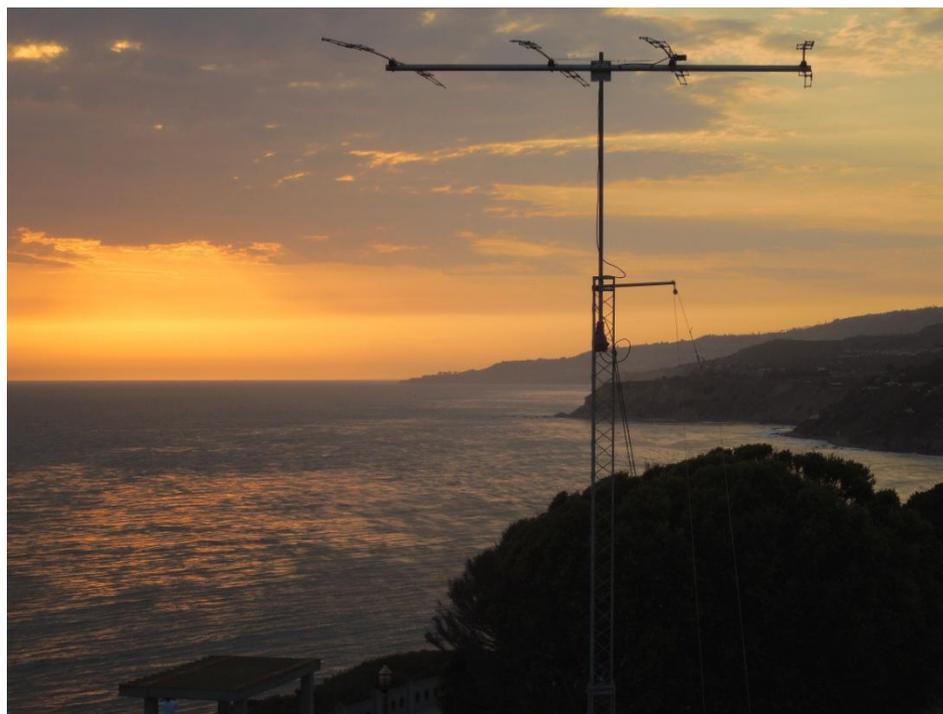


Above: The Pt. Vicente Lighthouse is dwarfed by the Palos Verdes Peninsula's land mass when viewed from the sea.

PHOTO: NORM THORN, K6UU

Below: Seen at sunset from atop the Pt. Fermin Lighthouse, Pt. Vicente is the promontory on the horizon at the center. The amateur radio antenna visible in the foreground is that of the United Amateur Radio Club during their 2012 ILLW.

PHOTO: DIANA FEINBERG, AI6DF



Palos Verdes Amateur Radio Club
Recent Visitors
World Map



Web Browsers Used
to Visit PVARC's
Website

Web Browsers Used to Visit PVARC's Website	% Share
Apple Safari	39
Microsoft Internet Explorer (all versions)	31
Firefox	24
Google Chrome	2
Netscape	2
Opera	2

Left: Screenshot of "SiteMeter" map showing where the most recent 100 IP addresses had visits to PVARC's website on Saturday, Sept. 29, 2012. Right: Browsers used to reach PVARC website during past month.

Palos Verdes Amateur Radio Club
Recent Visitors by Location

Detail	Country	Location	Distance (miles)
1	United States	Redondo Beach, California	24*
2	United States	San Diego, California	86*
3	Malaysia		8,298
4	Canada	Markham, Ontario	2,167
5	? Unknown		?
6	United States	Torrance, California	22*
7	? Unknown		?
8	Costa Rica	San Jos, San Jose	2,712
9	United States		1,202
10	United States	Lake Forest, California	31*
11	China	Ningbo, Zhejiang	6,555
12	France	Fves, Lorraine	5,741
13	United States	Alton, Illinois	1,578
14	United States	Redondo Beach, California	24*
15	United Kingdom		5,261
16	United States		1,202
17	United States	Lake Forest, California	31*
18	? Unknown		?
19	Belgium	Ghent, Oost-Vlaanderen	5,575
20	United States	Mountain View, California	328
21	United States	Waterloo, Alabama	1,701
22	? Unknown		?
23	United States	Hemet, California	64*
24	United States	Redondo Beach, California	24*
25	United States	Carson, California	18*

[\[1\]](#) [2](#) [3](#) [4](#)

Above: Screenshot of "SiteMeter" list shows location of most recent 25 IP addresses to PVARC website on Saturday, Sept. 29, 2012. Rest assured, no information identifying users is obtained or stored. Distances shown appear to be from the City of Commerce area.

It's True: Hams Around the World Often Visit the PVARC's Website

By Diana Feinberg, AI6DF

Please be assured that no one tracks who visits PVARC's website. The club and our webmaster John Freeman, WW6WW, encourage all hams, members or not, to anonymously visit often.

But our site does have an interesting "SiteMeter" utility that shows the general location of IP addresses accessing our site. It will amaze you how far and wide our website travels.

The world map at top left shows the origin points and distances from Los Angeles of the most recent 100 hits on our website one recent Saturday. The table at left shows only the most recent 25 that same morning. (Hello: Malaysia, China, Costa Rica, U.K., France, and Belgium?) More countries were listed in the next 25 hits (not shown).

Our "SiteMeter" doesn't keep track of anyone's browsing habits, but it does tally the web browsers used (lot of Mac users?) and the "entry page" that landed them on our site. Technical projects (especially antenna designs by Bill Harper, WA6ESC), QRO issues, and our home page are frequent destinations. Google® has obviously done its work to spread our name. ■

PVARC Communication Covers 3rd Annual 62-Mile RAT Beach Bike Tour; Assists Concours d'Elegance

RAT Beach Bike Tour

PVARC operators again provided radio communication for this year's RAT Beach Bike Tour on September 22. Over 500 bicyclists (the largest in this event's three-year history) entered the 2012 tour along three routes covering either 62, 31, or 16 miles through the South Bay. Several entrants experienced bicycle breakdowns requiring the Tour's roving vans with PVARC operators on-board to bring the riders and their bikes back to Redondo Beach's King Harbor. Radio operating conditions were sometimes difficult from the northern end near Marina del Rey and the southeast end in San Pedro, but we got through.

Operating at this year's Bike Tour were: Deane Bouvier, N5DQ; Bob Closson, W6HIP; Steve Collins, K16TEQ; Matthew Cruse, N6MDC; Diana Feinberg, AI6DF; Cynthia Gonyea, AG6NW; Pat Hutchings, W6PBH; and Joe Pace, NZ6L. Matt Orlich, WA6AJC, loaned several Kenwood commercial radios modified for ham use by our Van operators. Our net control point at King Harbor strangely also became the "bike mechanic shop" after a female bicyclist asked if we had a wrench to tighten a camera mount on her handlebar. Other bicyclists saw Deane using his tools and very quickly six more bicyclists lined-up asking for bike assistance.

Concours d'Elegance

The 20th annual Palos Verdes Concours d'Elegance was held Sunday, 17 September, at the Trump National Golf Club with this year's theme being "The French Curve". The event went extremely well and, as in past years, those who organize and manage the Concours d'Elegance need handheld radios to communicate. This year 63 commercial handheld radios were rented with the coordination, distribution, and support of this equipment by ham radio operators in the PVARC. Thanks for a job well done again this year by Herb Stark, KO6RC; Cynthia Gonyea, AG6NW; and Walt Ordway, K1DFO. ■



2012 RAT Beach Bike Tour Net Control:
 (Left) Deane, N5DQ, and Matthew, N6MDC,
 operating the net control point (above) at
 Redondo Beach King Harbor as bicyclists
 queued for departure on the 62-mile course.
 PHOTOS: DIANA FEINBERG, AI6DF

'Tis the Season for Disaster Preparedness

Fall weather brings more than just football each year. It's also the season for disaster preparedness.

Here are just some of the disaster preparedness events in our area during September, October, and November along with local participating radio groups:

- Sept. 22: Palos Verdes Estates Disaster Preparedness Fair (NART)
- Sept. 27: City of Rancho Palos Verdes annual disaster drill and EOC activation (PVAN and DCS)
- Oct. 7: Redondo Beach Disaster Preparedness Fair (RBARA)
- Oct. 13: Beach Cities Joint CERT Organizations "Great ShakeOut" drill at Rancho Palos Verdes City Hall; RPV PVAN radio operator net and interaction with CERT members. (PVAN and DCS)
- Oct. 18: Great California ShakeOut (PVPUSD schools, City of Torrance, other agencies) (TARA, DCS, schools)
- Oct. 20: Manhattan Beach CERT citywide drill
- Oct. 20: San Pedro Emergency Preparedness Fair (PVARC)
- Nov. 8: City of Rolling Hills disaster drill
- Nov. 15: Statewide Hospital Disaster Drill (ARES, DCS)

Ham radio operators will participate in all the above events whether to pass message traffic, operate at field locations, educate others on the importance of amateur radio "when all else fails", or provide other communication assistance.

The October 13th joint CERT drill at RPV City Hall is especially being used for PVAN operators to become known to RPV CERT members in their respective neighborhoods. This drill on a Saturday morning is expected to have much higher radio operator participation than the annual Great California ShakeOut Drill always held on a Thursday morning.

For more information about any of the city or county-affiliated disaster amateur radio groups mentioned click on the following links:

ARES (ARRL LAX area for hospitals): <http://www.areslax.org/>

DCS (Lomita District of L.A. County): <http://www.qsl.net/lmtdcs/>

NART (Palos Verdes Estates): http://www.palosverdes.com/nart/nart_website/Welcome.html

PVAN (Rancho Palos Verdes / Rolling Hills Estates): <http://www.palosverdes.com/pvan/index.htm>

TARA (Torrance): <http://home.earthlink.net/~funsoft/tara/taraweb/>

Finally, Fall is also a great season for ensuring your emergency supplies and kits are up to date, your radio batteries are charged or have plenty of AA cells, and your generators (if any) are properly maintained.

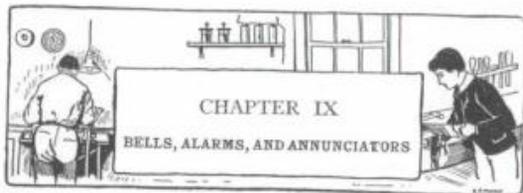
If you need assistance learning more about your radio, just ask us—chances are there's someone in the PVARC who is very knowledgeable about your particular radio model. ■

Revisiting a Simpler Era: How Electronics Was Taught to Young People—100 Years Ago

PVARC member Steve Barryte, KI6GUY, brought to our attention a charming book published in 1913 (but now in the public domain) that taught young people how to make various electrical devices—and learn the mechanics of electricity as well.

It was a reflection on the times that this book by Alfred P. Morgan became entitled, “The Boy Electrician”. Had it been written today Morgan’s title would be “The Young Electrician”. Nowadays many girls are just as into math, science, and technology as boys.

With other articles in this QRO issue about amateur radio on the International Space Station as a prelude to Soledad School’s upcoming contact and the Boy Scouts’ Jamboree on the Air, what makes this 1913 book so charming is the simplicity by which electrical devices could be made then—and the simplicity of the writing. This book is now out of copyright and may be freely downloaded and shared. Click on: http://danielwebb.us/projects/pd_tech_books/the_boy_electrician.pdf to download the scanned book. (Note: this PDF is about 200 MB). “The Boy Electrician” (or now the “Young Electrician”) will evoke many memories of our younger years when times were indeed “simpler.” ■



An electric bell may be bought almost anywhere for twenty-five cents, and from the standpoint of *economy* it does not pay to build one.

A bell is not a hard thing to construct, and the time and money spent will be amply repaid by the more intimate knowledge of this useful piece of apparatus which will be gained by constructing it.

The base is four inches wide and five and one-half inches long.

The magnets consist of two machine bolts, wound with No. 22 cotton-covered magnet wire. Fiber ends are fitted on the bolts to hold the wire in place.

The wire is wound on each of the magnets separately. Cover the cores with two or three layers of paper before winding on the wire. The ends of the wire are led through holes in the core ends. The ends of the bolts are passed through the yoke, and the nuts applied to hold them in place.

The magnets are clamped down to the bell-base by means of a hard-wood strip having a screw passed through it between the magnets into the base.

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BELLS, ALARMS, AND ANNUNCIATORS 141

The armature of the bell is shown in Figure 120. It is made of a piece of iron having a steel spring riveted to

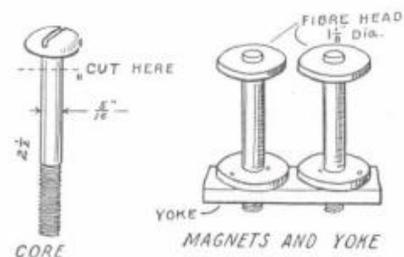


FIG. 119.—Details of the Magnet Spools, and Yoke for an Electric Bell.

it, as illustrated. The armature is fastened to a small block mounted on the lower left-hand corner of the base.

A second block with a contact-point made from an ordinary brass screw by filing the end into the shape shown

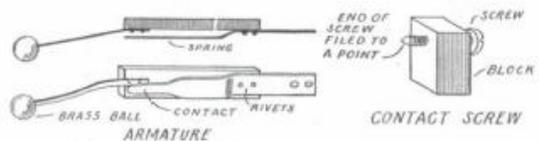


FIG. 120.—Details of the Armature, and Contact Screw.

in the illustration, is mounted on the base so that it is opposite the end of the contact-spring fastened to the armature.

The gong may be secured from an old bell or alarm

The space shuttle Endeavour (OV-105) made 12 flights to the International Space Station carrying crews, supplies, and parts. Thirteen other missions conducted experiments or launched satellites.

PVARC Member Photos of Endeavour's Final Flight

Right photo: Endeavour flies over Los Angeles International Airport on September 21, 2012, before ending its final voyage. Several hundred people appear to be atop the Westin Hotel on Century Blvd.

PHOTO: GARY PARSONS, KJ6NIY

Bottom photo: K6JWR captured the exact moment of Endeavour's final touchdown, September 21, 2012, on LAX's south runway, overseen by a NASA chase plane.

PHOTO: JACK REEVES, K6JWR



Endeavour's final land-based journey will be from LAX to the California Science Center in Exposition Park on October 12-13, 2012.

Boy Scout “Jamboree on the Air” Aboard USS Iowa

This year’s Boy Scout “Jamboree on the Air” is looking for a few more volunteers to operate and explain ham radio on Saturday-Sunday, October 20-21 aboard the battleship USS Iowa in San Pedro. The USS Iowa’s hours of operation will restrict the Scouts’ Jamboree to daytime periods.

Contact PVARC member Curtis Watanabe, KI6KUK, at curtisw0007@gmail.com if you are interested in this Boy Scout-sponsored event. (Note: This is not a PVARC event.) Last year’s Boy Scout Jamboree on the Air was also held in Los Angeles Harbor aboard the SS Lane Victory, then anchored near the USS Iowa’s current site. ■

PVARC Booth at San Pedro’s Emergency Preparedness Fair

The PVARC has been asked to have an amateur radio display at the San Pedro Community Councils Emergency Preparedness Fair on Saturday, October 20, from 10 am to 2 pm at Peck Park. We’ll have a canopy there with informative displays about amateur radio, along with typical ham equipment and information on licensing. We hope to also contact the Scouts aboard the USS Iowa that day.

This event fostering disaster preparedness is jointly sponsored by the Northwest, Central, and Coastal San Pedro Community Councils. ■

New Amateur Licenses Earned

Congratulations go to PVARC member Kees Steeneken, KJ6YUT, for upgrading to General class at PVARC’s VE session on Saturday, October 6. Additionally, five earned a Technician license and two others became General class. PVARC’s Volunteer Examiners were: Dave, KG6TAW; Diana, AI6DF; Jerry, KI6RRD; and Matthew, N6MDC. Dave, KG6BPH served as the session coordinator.

Walt’s, K1DFO, next license classes for Technician and General levels are Saturdays, Nov. 10 and 17 at Hesse Park, with a PVARC VE session on Dec. 1 due to the Thanksgiving weekend. His first classes in 2013 will be Feb. 23 and March 2, with our VE session on March 9. ■

WELCOME NEW MEMBERS OF THE PALOS VERDES AMATEUR RADIO CLUB IN 2012

Robert Hanel, KJ6RAA

Gary Parsons, KJ6NIY

Steve Mandich, K6NT

Gina Mandich, KF6MYQ

Robert King, KI6EAI

Jack Reeves, K6JWR

Ken Carr, K6HRN

Dick McKay, K6VGP

Barbara Alexander, KJ6OVW

Brian Okamoto, KJ6RVX

David King, KI6EAJ

Warren King, KJ6TLG

Wayne Barnhart, N6QCU

Harlan Rector, N9XZL

Brad Perranoski, KJ6UML

Leroy Radcliffe, KI6EAO

John Boccaccio, KJ6VVG

Alan LeFever, KF6BTO

Chris Storey, KA6WNK

Tom Bell, KJ6YCM

Mary Ann Bell, N6ZHR

Norm Thorn, K6UU

Denise Thorn, KF6VTN

Kees Steeneken, KJ6YUT

Ray, N6HE, Becomes an ARRL “Official Observer”

PVARC member Ray Day, N6HE, was recently named an Official Observer by the ARRL.

As the ARRL website explains, “The Official Observer (OO) program has been sponsored by the ARRL for more than 85 years to help Amateur Radio operators assist each other to operate their stations in compliance with Federal Communications Commission (FCC) regulations.”

“Official Observer appointees have assisted thousands of Amateur Radio operators to maintain their transmitting equipment and comply with operating procedures and regulations. The object of the OO program is to notify amateurs of operating and technical irregularities before they come to the attention of the FCC and to recognize good operating practices,” the ARRL says.

Official Observers monitor such problem areas as frequency instability, harmonics, hum, key clicks, broad signals, distorted audio, over deviation, out-of-band operation and other issues. Ray says his first area to monitor will be overdriven PSK-31 signals. ■

Dates Set for PVARC’s 2013 IOTA DXpedition to Catalina

Twenty-six miles across the sea is where we will be on February 20-24, 2013. The PVARC will again operate from Two Harbors on Catalina Island’s isthmus for our annual Islands on the Air DXpedition.

Ray Day, N6HE, will again serve as DXpedition leader bringing his extensive array of ham radio gear, tools, antenna materials, and good spirit. Last year our participants brought nearly 1,000 pounds of equipment, food, and supplies altogether.

We’ll be staying at the same campground in Two Harbors whose staff has been very accommodating to us. If you want to experience handling a DX pileup without going halfway around the world it doesn’t get better than this. ■



The Traditional Suggestion Box

The Electronic Suggestion Box

What Would You Like to See?

The PVARC currently has 151 members with various interests and experience in amateur radio. Our hobby is wide-ranging, with many operating and technical facets to explore. Some of us can devote a lot of time to ham radio, others much less.

Our question is: What would **you** like to see for a future PVARC program, operating event, QRO issue, or other club activity? How could we enhance the value of your club membership?

Please provide your suggestions at:

ai6df@arrl.net (Diana) and ab9a@arrl.net (Clay)

We are open to any suggestions for best serving our members’ amateur radio needs. ■

40-Meter Earth-Moon-Earth Topic Set for Nov. Meeting

Our November club meeting will feature the presentation on 40-Meter Earth-Moon-Earth communication by Dennis Kidder, W6DQ.

Dennis recently relocated from Orange County to eastern Kern County which required rescheduling his talk. But he will be returning to L.A. County for our Nov. 21 club meeting at Hesse Park. ■

PVARC's 2012 Holiday Dinner Now Taking Reservations

As mentioned in previous **QRO** issues, PVARC will hold its December 12th holiday dinner at the Il Toscano Italian Restaurant in Torrance's Waltheria area.

A complete menu and other information appears on page 12 of this **QRO** issue. Please note that a Vegetarian main meal option is also available upon request with your reservation. Choices for the other three main meal entrees will be given to your waiter during the dinner's first course.

We will soon be announcing our guest speaker for this dinner. As usual, we'll have our prize raffle of many ham radio and related items.

Our club Treasurer Bob Sylvest, AB6SY, is taking your reservations by mail and at our October and November club meetings. We hope to see you on December 12th at this new venue. ■

DINNER REGISTRATION

Palos Verdes Amateur Radio Club
2012 Annual Holiday Dinner
Il Toscano Restaurant, Torrance

Price per person: \$42

Number of people attending: _____

Vegetarian main meal option? _____

I would like to donate: \$5 ___ \$10 ___ \$15 ___

Other amount _____

Amount enclosed: \$ _____

Please make check payable to the **Palos Verdes Amateur Radio Club**. (Donations are applied towards club expenses for the evening.)

Name _____

Call Sign _____

Palos Verdes Amateur Radio Club

An American Radio Relay League Affiliated-Club

Board of Directors:

President	Diana Feinberg, AI6DF
Vice President	Clay Davis, AB9A
Treasurer	Bob Sylvest, AB6SY
Secretary	Peter Landon, KE6JPM
Past President	Jeff Wolf, K6JW
Directors:	Ray Day, N6HE
	Joe Pace, NZ6L

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

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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: Early morning sunlight on the Pt. Vicente Lighthouse in early September. PHOTO: AI6DF

Palos Verdes Amateur Radio Club 2012 Calendar

January						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
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15	16	17	18	19	20	21
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April						
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29	30	31				

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28	29	30	31			

February						
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May						
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August						
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November						
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March						
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June						
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30						

December						
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30	31					

 Club Activity  Club Public Service

2012 Major Contest Dates

 ARRL  CQ Magazine and Other

Jan. 7-8: ARRL RTTY Roundup
 Jan. 21-23: ARRL January VHF Sweepstakes
 Jan. 28-29: CQ Worldwide 160-Meter (CW)
 Feb. 11-12: CQ Worldwide RTTY WPX
 Feb. 18-19: ARRL DX (CW)
 Feb. 25: North American RTTY QSO Party
 Feb. 25-26: CQ Worldwide 160-Meter (SSB)
 Mar. 3-4: ARRL DX (SSB)
 Mar. 24-25: CQ Worldwide SSB WPX
 May 26-27: CQ Worldwide CW WPX
 Jun. 9-10: ARRL VHF QSO Party
 Jun. 23-24: ARRL Field Day 
 Jul. 14-15: IARU HF Championship
 Jul. 21-22: CQ Worldwide VHF
 Aug. 4-5: ARRL UHF Contest
 Sept. 29-30: CQ Worldwide RTTY DX
 Oct. 6-7: California QSO Party
 Oct. 27-28: CQ Worldwide SSB DX
 Nov. 3-4: ARRL Sweepstakes (CW)
 Nov. 17-18: ARRL Sweepstakes (SSB)
 Nov. 24-25: CQ Worldwide CW DX
 Dec. 1-2: ARRL 160-Meter Contest
 Dec. 8-9: ARRL 10-Meter Contest

PVARC Nets

Join in every **Tuesday** at 7:30 pm on K6PV, 447.120 MHz (-), PL 100.0. All members and guests are invited to check in and share information.

PVARC Meetings

7:30 pm on **3rd Wednesday** of every month, except August and December, at Fred Hesse Park, 29301 Hawthorne Blvd., Rancho Palos Verdes. Guests always welcome. Optional no-host dinner at 5:30 pm before club meetings at the Red Onion Restaurant, 736 Silver Spur Road, Rolling Hills Estates.

August 19: Annual family picnic at Pt. Vicente Lighthouse in conjunction with International Lighthouse & Lightship Weekend.

December 12: Holiday dinner, Il Toscano Restaurant in Torrance.

PVARC Public Service Events

April 21: Habitat for Humanity's "Palos Verdes Ride for Habitat" Bike-A-Thon
May 19: Palos Verdes Half Marathon & 5K
August 11: Rolling Hills Estates "Hills Are Alive" 5K/10K
Sept. 3: L.A. Harbor "Conquer the Bridge" Race
Sept. 22: RAT Beach Bike Tour
Oct. 14: Mary's Promenade 5K/10K
October 13 & 18: Great California ShakeOut
October 20: San Pedro Emergency Preparedness Fair

PVARC's Islands on the Air Annual DXpedition

Feb. 22-26: Two Harbors, Catalina Island.



Please Join Us for the Palos Verdes Amateur Radio Club's
Annual Holiday Dinner

Il Toscano Restaurant, 24590 Hawthorne Blvd., Torrance

Wednesday, December 12, 2012

Meet and Greet beginning at 6:30 pm,

Dinner at 7:00 pm, followed by program and prize raffle

Served Dinner

Antipasto

Mozzarella and other cheeses, herbs, fresh and marinated vegetables, and grilled peppers arranged around a fresh salad

1st Pasta Course

Ravioli in Light Crème Sauce

2nd Pasta Course

Penne Pasta in a Tomato Sauce

Piatto Principale (main meal), your choice, served with vegetables:

New York Steak/Roast, carved;

Chicken Marsala – sautéed chicken in Marsala wine reduction-based cream sauce; or
Fresh Salmon.

(A Vegetarian main meal is also available--please specify in advance with reservation)

Dessert

Tiramisu

Coffee and Tea; No-host Wine and Beer

\$42.00 per person, in advance

Please send your payment to:
(or pay at our October &
November club meetings)

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



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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:** _____

Other amateur radio groups you belong to: _____

Additional Household and/or Family Members (if Applicable):

Name _____ **Call** _____ **Class** _____ **ARRL** _____ **Birth Mo./Day:** _____

Name _____ **Call** _____ **Class** _____ **ARRL** _____ **Birth Mo./Day:** _____

Name _____ **Call** _____ **Class** _____ **ARRL** _____ **Birth Mo./Day:** _____

Individual membership (\$15.00) \$ _____

Household and/or Family membership (\$17.00) \$ _____

Donation to the John Alexander Fund \$ _____

Donation to the Repeater Fund \$ _____

Other Donation to PVARC \$ _____

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

Please make checks payable to: Palos Verdes Amateur Radio Club; Dues based on January 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.palosverdes.com/pvarc/constitution.htm> or upon request.)

Signature: _____ **Date:** _____

Family Member Signature: _____ **Date:** _____

Family Member Signature: _____ **Date:** _____



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 700,000 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 sessions are on 10 & 17 November 2012

Technician 9:30 AM to 2:00 PM both Saturdays

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

FCC tests will be 10:00 AM to Noon on 1 December 2012

The Palos Verdes Amateur Radio Club will make a brief presentation at 9:30 AM at the start of the 10 November Technician class on how to get further involved with amateur radio.

The location is Fred 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 (sold at cost)

- Gordon West book with all the FCC test questions,

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

- Copy of PowerPoint charts: \$18 for the Technician, \$18 for the General.

For courses sponsored by the Palos Verdes Amateur Radio Club, students thru grade 12 who pass their examination at a PVARC VE 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.

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

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

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

Page 1: The Pt. Vicente Lighthouse is shown in mid-morning on the top of this page. The logo at center right is of the Amateur Radio on the International Space Station project.

Page 2: The photo at upper right has the caption, "The Pt. Vicente Lighthouse is dwarfed by the Palos Verdes Peninsula's land mass when viewed from the sea. PHOTO: NORM THORN, K6UU". The bottom right photo has the caption, "Seen at sunset from atop the Pt. Fermin Lighthouse, Pt. Vicente is the promontory on the horizon at the center. The amateur radio antenna visible in the foreground is that of the United Amateur Radio Club during their 2012 ILLW. PHOTO: DIANA FEINBERG, AI6DF"

Page 3: Left illustration: Screenshot of "SiteMeter" map showing where the most recent 100 IP addresses had visits to PVARC's website on Saturday, Sept. 29, 2012. Right illustration: Shows the Web Browsers used to reach PVARC website during past month. 39% of visits to PVARC's website used the Apple Safari web browser. Bottom illustration is a table with the caption, "Screenshot of "SiteMeter" list showing location of most recent 25 IP addresses to PVARC website on Saturday, Sept. 29, 2012. Rest assured, no information identifying users is obtained or stored. Distances shown appear to be from the City of Commerce area. "

Page 4: The article about the RAT Beach Bike Tour has two photos at the bottom with the caption, "2012 RAT Beach Bike Tour Net Control: (Left) Deane, N5DQ, and Matthew, N6MDC, operating the net control point (above) at Redondo Beach King Harbor as bicyclists queued for departure on the 62-mile course. PHOTOS: DIANA FEINBERG, AI6DF "

Page 6: The illustration on the bottom half of the page shows two pages from the 1913 book, "The Boy Electrician", which is now in the public domain.

Page 7: Two photos of the space shuttle Endeavour's final landing at Los Angeles International Airport are shown, with the text: "The space shuttle Endeavour (OV-105) made 12 flights to the International Space Station carrying crews, supplies, and parts. Thirteen other missions conducted experiments or launched satellites. **Right photo:** Endeavour flies over Los Angeles International Airport on September 21, 2012, before ending its final voyage. Several hundred people appear to be atop the Westin Hotel on Century Blvd. PHOTO: GARY PARSONS, KJ6NIY. **Bottom photo:** K6JWR captured the exact moment of Endeavour's final touchdown, September 21, 2012, on LAX's south runway, overseen by a NASA chase plane. PHOTO: JACK REEVES, K6JWR."

Page 8: The text box on the right lists our club's new members in 2012.

Page 9: The photo at top right shows a suggestion box.

Page 11: Shows the club calendar.