



QRO

THE MONTHLY NEWSLETTER OF THE PALOS VERDES AMATEUR RADIO CLUB

NOVEMBER 2012

EME on 40 Meters

Dennis Kidder, W6DQ, will be speaking at our November 21st club meeting on the unusual topic of Earth-Moon-Earth communication using a 40-meter dish antenna.

First licensed in 1969 as WN6NIA and soon after as WA6NIA, Dennis eventually traded in his call sign for that of one of his High School Elmers - W6DQ. Fascinated by radio astronomy as a kid, he could have never imagined someday being able to operate EME using one of the larger radio observatories in the world.

In 2005, the San Bernardino Microwave Society was just starting out with the 40-meter EME project at Owens Valley Radio Observatory near Bishop, CA. Dennis' Nov. 21st talk will bring things up to date with what has happened in the ensuing years. The photo at right shows the radio telescope used for 40-meter EME.

Dennis has just retired as a "Senior Principal Multi-discipline Engineer" from a large local defense contractor. Basically (in his own words) that means he knows a little bit about a whole lot of different things ... but the fun part is that he has worked on everything from battlefield communications systems to building airports to flying satellites and even robots painting pickup trucks. ■

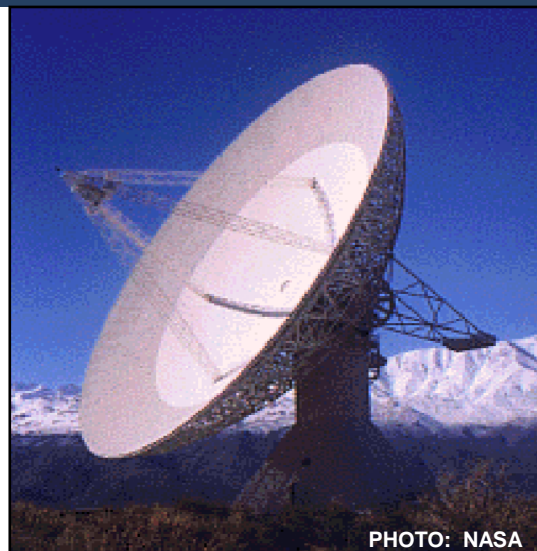


PHOTO: NASA

PVARC MONTHLY MEETING

"EME on 40 Meters"

Dennis Kidder, W6DQ

When: 7:30 pm, Wednesday,
November 21, 2012
Visitors Welcome

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

2012 Field Day Results Are In: The PVARC Did Quite Well

By Diana Feinberg, AI6DF
PVARC President

Last June's ARRL Field Day may have come and gone, but our experiences just flashed back in a very gratifying manner.

2012 Field Day results became available November 1st and the PVARC again scored very well by almost every measure. As shown in Column D of the adjoining table (which updates a similar table in the July **QRO** issue), we again scored 1st among all LAX section Field Day stations in the 2A category (defined as two transmitters plus a VHF/UHF station, all on portable power.) Even more incredible (see next page) we finished 3rd among all 36 LAX Field Day stations regardless of size.

The PVARC ranked 5th among all 2A stations in the ARRL Southwest Division (Column C), which includes some competing powerhouse clubs in San Diego County and Arizona.

Nationally our 2012 score was 259th out of 2,617 Field Day entrants—which ranked us in the top 10%. Within our 2A category only, we were 64th nationally out of 408 2A stations nationwide—but only 10 of those 63 2A stations scoring above us were in West Coast states. Being in the mid-section of our country does have its advantages for Field Day purposes.

PVARC's consistent performance every Field Day characterizes the operating spirit within our club. Unlike many clubs, the PVARC allows highly-skilled operators (such as Rocco, N6KN, and Jeff, K6JW on CW) and newer hams to both experience the thrill of Field Day. We strive to achieve the highest possible score, but we also view Field Day as an opportunity for any member to gain on-air skills in a contest situation. There are many other opportunities for PVARC members to participate on Field Day with station set-up and operation, as well.

To all who participated or just showed up at the PVARC's 2012 Field Day, thank you again. Here's to another great PVARC effort next June. ■

Field Day Year	(A) PVARC Total Points	(B) PVARC Rank among all U.S. & Canada Field Day stations	(C) PVARC Rank, all 2A in South-West Division	(D) PVARC Rank, all 2A in LAX Section
2012	5,188	259 th of 2,617	5 th of 24	1 st of 8
2011	4,492	341 st of 2,632	6 th of 24	1 st of 5
2010	5,468	219 th of 2,617	5 th of 31	1 st of 8
2009	3,930	391 st of 2,603	9 th of 27	3 rd of 7
2008	4,160	332 nd of 2,409	4 th of 27	1 st of 9
2007	3,216	511 th of 2,331	6 th of 28	2 nd of 7
2006	5,242	223 rd of 2,169	4 th of 30	2 nd of 5
2005	6,216	162 nd of 2,199	3 rd of 32	2 nd of 8
2004	7,118	126 th of 2,242	3 rd of 30	2 nd of 7
2003	6,192	126 th of 2,079	4 th of 37	3 rd of 8
2002	6,246	194 th of 2,099	3 rd of 28	1 st of 7

2012 results for all Field Day stations in ARRL's LAX section: The PVARC ranked 3rd highest of 36 as just a 2A station

#	Call	Score	Category	QSOs	Power Mult	GOTA Call	Section	Participants	Club
1	N6GA	9,995	4AB	1,079	5		LAX	8	Zuni Loop Mtn Expeditionary Force
2	W6TRW	6,840	7A	2,538	2	K6OUE	LAX	42	W6TRW ARC
3	K6PV	5,188	2A	1,446	2		LAX	29	Palos Verdes ARC
4	W6TOI	4,218	5A	1,553	2		LAX	32	
5	WA6P	4,100	2A	1,031	2		LAX	49	ARES Los Angeles NW District
6	K6TI	3,788	4A	797	2	W6TOP	LAX	45	T-CEP Disaster Radio Team
7	W6QET	3,622	2A	1,089	2		LAX	15	Los Angeles ARC
8	W6KA	3,478	4A	784	2		LAX	34	Pasadena RC
9	K6CCR	3,370	3F	734	2	K6RMP	LAX	46	
10	K6AA	3,274	3A	747	2		LAX	30	United Radio Amateur Club
11	W6RO	3,048	6A	631	2		LAX	51	ARA of Long Beach
12	W6CIT	2,890	1E	290	5		LAX	1	
13	W6SD	2,860	3A	681	2		LAX	35	San Fernando Valley ARC
14	W6SCE	2,232	4A	436	2	WB6UCD	LAX	10	
15	W6T	2,132	2A	473	2	K6T	LAX	60	South Bay ARC
16	N2EW	1,488	4A	314	2		LAX	4	NBC Burbank ARC
17	K6HBC	1,474	2F	361	2		LAX	8	
18	W6JW	1,330	2A	355	2	N7TN	LAX	15	Santa Clarita ARC
19	AD6IZ	1,168	2A	257	2		LAX	15	Crescenta Valley ARC & Glendale Em Aux Radio Serv
20	WO6M	1,090	1B1B	104	5		LAX	1	
21	K6DXN	1,000	5A	175	2		LAX	8	Inland ARS
22	WA9STI	994	1E	325	2		LAX	1	
23	K6OX	942	5A	226	2		LAX	11	
24	K6TY	942	1E	123	2		LAX	4	
25	W6YV	876	2A	113	2		LAX	3	USC ARC

Table Above: Screenshot from ARRL 2012 Field Day database, results for ARRL Los Angeles section; only first 25 of 36 shown.
http://www.arrl.org/results-database?fd_category=&fd_power=&fd_sct=LAX&ss_call=&sort0=&sort1=&sort2=&event_id=37444

Hmmm....How does the “Zuni Loop Mountain Expeditionary Force” with only eight operators accumulate 9,995 points to place 1st among all Field Day stations in the ARRL's LAX section?

Never heard of the Zuni Loop group? Here's their competitive advantage: They station themselves at an elevation of nearly 6,000 feet in the San Gabriel Mountains overlooking the Antelope Valley, operate QRP (5-watts or less) and rely almost entirely on CW. Multipliers for using QRP and CW combine to magnify their 1,079 QSO's into 9,995 points.

Note the 2nd-place LAX Field Day station ahead of our K6PV was the nearby W6TRW club operating in the 7A category and simultaneously on many bands. Your **QRO** Editor worked them on 80-meter SSB around 3 am on Field Day's Sunday morning. ■

PVARC Public Service: 2012 Activity Year Concludes

The PVARC's seven annual public service events have concluded for 2012 and we look forward to next year's activity cycle. This year we operated on amateur radio frequencies at: Habitat for Humanity's first "Palos Verdes Ride for Habitat"; the Palos Verdes Half Marathon; Rolling Hills Estates' "Hills Are Alive 5K/10K"; the "Conquer the Bridge" race over L.A. Harbor's Vincent Thomas Bridge; the RAT Beach Bike Tour; Mary's Promenade of the Peninsula run/walk; and the San Pedro Emergency Preparedness Fair.

Many PVARC members also participated in the government-affiliated and hospital disaster amateur radio groups serving our area. Here are reports on our final two club events in 2012:

Mary's Promenade of the Peninsula 5K Run/Walk

PVARC operators again provided radio communication at the third annual Mary's Promenade of the Peninsula 5K Run/Walk on Sunday 14 October. Nearly 580 people either ran or walked the course that started at 8:30 AM at the Mall's East end and also ended there. There were no injuries or other problems during this year's event.

The fastest completion time was a male runner who finished the five kilometers in 14 minutes and 58 seconds. The last walker finished about 1 hour and 7 minutes after the event started. The race director gave dozens of awards for male and female runners in many age groups. The event will be held again next year on a date to be determined.

The radio operators who supported this year's event were: Brad Migneault W6BJM, Denzel Dyer KG6QWJ, Cynthia Gonyea AG6NW, Herb Stark KO6RC, Herb Clarkson KM6DD, Matthew Cruse N6MDC, and Walt Ordway K1DFO.

San Pedro Emergency Preparedness Fair

The PVARC operated several mobile and handheld radios at San Pedro's Emergency Preparedness Fair on October 20th at Peck Park. Our canopy and display had an excellent location near the entrance to Peck Park's Community Center building, capturing significant foot traffic. Unlike many such fairs, the organizers nicely provided extra chairs for visitors at our display to sit and talk leisurely about amateur radio instead of standing and quickly passing. Next to our setup was the American Red Cross with their vehicles and displays. Representing the PVARC were: Cynthia Gonyea, AG6NW; Diana Feinberg, AI6DF; and Jack Reeves, K6JWR. ■



Left: PVARC had a canopy with working amateur radios and antennas displayed at San Pedro's Emergency Preparedness Fair in Peck Park on October 20.

PHOTO: ASHLEY GRAYSON, KJ6YCH

Boy Scouts' "Jamboree on the Air" Aboard USS Iowa Had Exciting New Venue—and More Hams to Help

By Curtis Watanabe, KI6KUK

Saturday October 20, 2012, we participated in the 55th Annual, Boy Scout JOTA (Jamboree on the Air) event on the USS IOWA (BB-61) in San Pedro. Our hours of operation were basically the hours that the ship was open to the public which was from 10:00am - 4:00pm.

JOTA is a World Wide, 48 hour, scouting event where Scouts all around the world try to contact each other via the Ham Radio. This will include approximately 700,000 Scouts throughout 150 different countries.

We had 2 HF stations, 2 UHF/VHF stations and 1 station contacting Satellite passes. Our special event call sign was K6B and the Battleship Iowa Amateur Radio Association (BIARA) team had the opportunity to use their NI6BB call sign for the first time.

The past several years that I have been running the JOTA, I have either done it by myself or was able to get the support from maybe 1- 2 other operators.

I am thrilled to say that this year we had the support from approximately 30 ham radio operators collectively from the newly-formed BIARA (Battleship IOWA Amateur Radio Association, NI6BB), plus the South Bay Amateur Radio Club and the Palos Verdes Amateur Radio Club. Additional support came from the Los Angeles Area Council, BSA.

PVARC members participating were: Bill Pomeranz KB6FB, Daniel Yang K6DYP, Peter Landon KE6JPM, Walt Ordway K1DFO, Brian Okamoto KJ6RVX, Bob Closson W6HIP, and myself, Curtis Watanabe KI6KUK. Tom Chesney, W6BUM, from Torrance also helped us.

Unfortunately, we didn't have as much of a turn-out of Scouts as we thought. We did promote our event throughout Los Angeles County. And due to the amount of phone calls and e-mails that I

received from people throughout Los Angeles as well as Orange County and the San Gabriel Valley expressing interest, we thought that the turn out would have been higher. There were several factors that I now realize may have deterred Scouts from participating in our event this year.

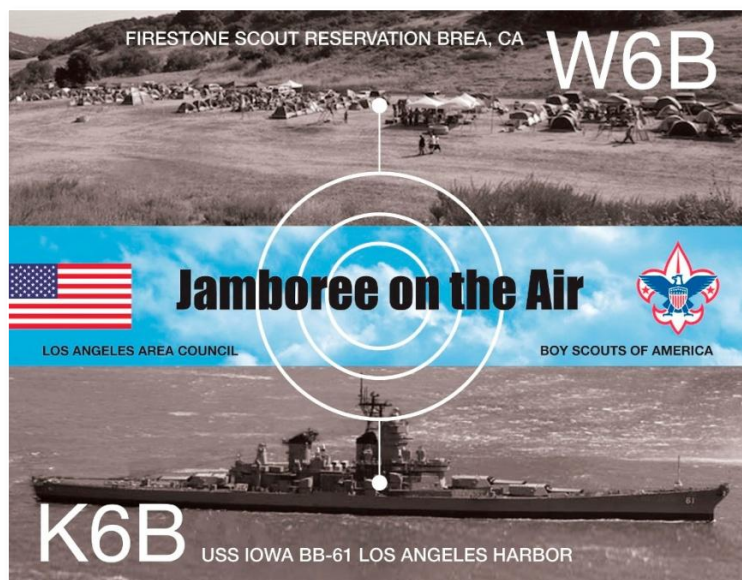
We did have around 25 Scouts that came by to operate the radios and went thru the Radio Merit Badge Course. We contacted around 77 stations, and each station could have had several Scouts who were able to get on the radio.

We also had a 2nd station for the Los Angeles Area Council located at Firestone Scout Reservation in Brea at a multi-camporee event. Their special event call sign was W6B.

This year we provided a QSL card, shown below. The photos and card design were put together by my son Jordan, who is a "Life" Scout. My brother & sister-in-law Dean & Marjorie Chin, who are designers, completed the final touches.

We are planning to do this event again at the same locations and times for JOTA 2013. Thank You PVARC for all of your support. ■

See photos on next page ►



Photos from the Boy Scouts' Jamboree on the Air, October 20-21, 2012

Photos: Curtis Watanabe, KI6KUK



Above: Dan Yang, K6DPY, teaches part of the Radio Merit Badge class aboard the USS Iowa.



Left: Walt Ordway, K1DFO (seated at left) and Bill Pomeranz, KB6FB (seated at right), guide a Scout on the HF bands.

Below: Overview of the Scouts' operating position aboard the USS Iowa's rear deck.



Ham Radio Factoid: “How Many Contests Are There?”

Reprinted from the ARRL's Nov. 7, 2012, Contest Update newsletter:

“How many contests are there throughout the year? Well, there are rather a lot!

In 2012, the Contest Corral database tracks 440 different contests. The online WA7BNM and SM3CER contest calendars have even more, especially sprint and regional contests in Europe.

Of the 440 tracked in Contest Corral, 326 (74%) are HF-only and 35 (8%) only use the VHF+ bands. 73% feature CW - the most popular contest mode by nearly 2-to-1 over Phone (46%) and Digital (37%). Even though there are 22 more contests this year, the proportion of CW:Phone:Digital remains almost exactly the same. “ ■

ARRL's QST Magazine Now Has An App For That

ARRL members using Apple iOS mobile devices-- iPhone, iPad, and iPod touch--can now download a new dedicated app to access the digital edition of **QST**. The app allows ARRL members to read **QST** online or choose to download individual issues of the journal for offline reading.

- **Free--** The **QST** app is free in the Apple App Store at: <https://itunes.apple.com/us/app/qst/id531766442?mt=8>. You must be an ARRL member to access individual issues of **QST** as you will need to log into the app using your ARRL website login and password.
- **QST Catalog--** Browse all available digital issues.
- **My QST Library--** Download issues of **QST** directly to your device for offline reading.

The ARRL reports that currently there is no equivalent **QST** app for Android or Windows mobile devices, but **QST** continues to be viewable with any web browser on almost any device. ■

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

Get Your Dinner Reservations in by Dec. 1 for a Special Prize

We now have an "early RSVP" prize drawing just for those who RSVP for our Holiday Dinner by December 1st—with a special prize awaiting.

A complete menu and other information for the PVARC's 2012 Holiday Dinner at Il Toscano in Torrance on Wednesday, December 10, appear on page 10 of this **QRO** issue. The RSVP form is below. Please note a Vegetarian main meal option is available upon request with your reservation. Choices for the regular meal entrees will be taken by your waiter during the first served course.

ARRL LAX Section Manager David Greenhut, N6HD, is our guest speaker, presenting the 2012 Swains Island DXpedition where he was one of the radio operators on this interesting South Pacific journey. Following David's presentation we'll have the special drawing for early RSVPs and then our usual prize raffle of many ham radio and related items. ■

Palos Verdes Amateur Radio Club 2012 HOLIDAY DINNER REGISTRATION 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 _____ (Donations are applied towards club expenses for the evening.)

Amount enclosed: \$ _____

Please make check payable to:

**Palos Verdes Amateur Radio Club, PO Box 2316,
Palos Verdes Peninsula, CA 90274 (or pay at Nov.
21 meeting.)**

Name _____

Call Sign _____

◆ 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	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
K6PV Repeater Trustee	Mel Hughes, K6SY
VE Coordinator	Dave Scholler, KG6BPH
VE Liaison	Diana Feinberg, AI6DF

Contacts:

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

Email us: k6pv@arrl.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.

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 in the morning on a very windy day, November 9, 2012. PHOTO: AI6DF

Palos Verdes Amateur Radio Club 2012 Calendar

January						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

April						
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22	23	24	25	26	27	28
29	30					

July						
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15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

October						
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7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

February						
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19	20	21	22	23	24	25
26	27	28	29			

May						
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20	21	22	23	24	25	26
27	28	29	30	31		

August						
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12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

November						
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March						
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25	26	27	28	29	30	31



June						
S	M	T	W	T	F	S
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17	18	19	20	21	22	23
24	25	26	27	28	29	30

September						
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16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

December						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
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 presentation of David Greenhut, N6HD, on Swains Island DXpedition and prize raffle.

RSVP by December 1st for entry in separate special prize drawing in addition to main 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;
- 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:
*(see form on Page 8 or pay at
November 21 club meeting)*

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



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

**NEW MEMBER &
 MEMBERSHIP RENEWAL FORM**

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

Last Name: _____ **First Name:** _____ **Spouse:** _____

Street Address: _____

City: _____ **Zip:** _____

Phone: Home _____ [] **Work** _____ [] **Cell** _____ []
 (please indicate [x] which number(s) [limited to two] you would like included in the PVARC roster)

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.**

In applying for or renewing my membership in the Palos Verdes Amateur Radio Club, 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:** _____



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 next sessions are on 23 February & 2 March 2013

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 9 March 2013

The Palos Verdes Amateur Radio Club will make a brief presentation at 9:30 AM at the start of the 23 February 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

The Desert Radio Amateur Transmitting Society

invite you to attend the 4th annual * * * Palm Springs HAMFEST!



Saturday, January 26
9:30 A.M. to 4:30 P.M.

<http://www.desertrats.am>

Bring your ham gear to sell, no fee charged for selling if you bring own table and chairs. Or bring it to the club table (commission to the club) ...we'll handle the sale.

Food! Fun! Admission only \$2 Bucks!

Talk-in frequency:

146.940- PL 107.2

WD6RAT Desert RATpeater
Daily Nets Thursday thru Sat.
8 A.M. - Noon - 6 P.M.

An official  Sanctioned Event

HAMFEST!

Email us for more info:
Susie & Gary:
sboskovich@dc.rr.com
or Ricki deRat:
ricki.d.rats@gmail.com

Riverside County ARES
riversidecountyares@gmail.com
~Check ze Tweets @hamradio
@RivCoARES

Lots of vendors and exhibits!

D-star

Rouend Industries
Ham Radio Outlet
Quake Safe Kits
Alpine Antennas
Hi Tech Liquidators
Hi-Q Antennas
Alinco & GRE AMERICA
Survival Mode Kits
Hipham T-shirts
Omnitec Antennas
Bud's Engraving
Impulse Electronics
Nifty Accessories

ARES-CERT-RACES-MARS-CAP
Gordon West W5YI Group
Amateur Television Network
KAGPGN - Military Radios

Check website for the most up to date list.



Jan 26, 2013. follow the rat @desertrats.am

Event Coordinators Gary Boskovich
KD6QLT and Susie Boskovich KD6TVO
760-328-9662 sboskovich@dc.rr.com

Nearby Hotel: Saguaro

Sunrise & E. Palm Canyon, Palm Springs
760-323-1711 call for best room rate.

RSVP: RV Dry Camping reservations for vendors: sboskovich@dc.rr.com

Vendor Set-up time 7:00-9:00 AM

Driving Directions:

Take I-10 to Palm Drive exit
Go South on Gene Autry tr.
Cross Hwy. 111
(turns into Matthew Dr.)
Follow the RAT...
4193 Matthew Dr. is on left
map @ desertrats.am

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 photo at the top shows the Pt. Vicente Lighthouse early on a windy morning, November 9, 2012. The photo at right center shows the 40-meter radio telescope at Owens Lake, California, used for 40-meter earth-moon-earth communication.

Page 2: The table on the right side shows the PVARC's Field Day rankings during recent years.

Page 3: A large table shows the PVARC's 2012 Field Day results among all 36 entrants in the ARRL's LAX section.

Page 4: The photo at the bottom has the caption, "PVARC had a canopy with working amateur radios and antennas displayed at San Pedro's Emergency Preparedness Fair in Peck Park on October 20. PHOTO: ASHLEY GRAYSON, KJ6YCH "

Page 5: The photo at the bottom shows the special QSL card designed for the Boy Scouts' Jamboree on the Air during October 20-21.

Page 6: The three photos have the captions, "Above: Dan Yang, K6DPY, teaches part of the Radio Merit Badge class aboard the USS Iowa. **Left:** Walt Ordway, K1DFO (seated at left) and Bill Pomeranz, KB6FB (seated at right), guide a Scout on the HF bands. **Below:** Overview of the Scouts' operating position aboard the USS Iowa's rear deck." All photographs by Curtis Watanabe, KI6KUK.

Page 9: The club's annual calendar of activities is shown.

Page 10: An illustration of holiday ornamentation is at the top of our holiday dinner announcement.

Page 11: Our club's membership application is shown.

Page 12: The photo at top left shows a Kenwood HT transceiver in the announcement for Walt Ordway's next ham radio license classes.

Page 13: This page is a flyer announcing the Desert RATS Hamfest in Palm Springs during January 2013.