

Palos Verdes Amateur Radio Club



K6PV



PVARC Meets Every third Wednesday at 7:30 p.m,
Hesse Park, Hawthorne Blvd., Rancho Palos Verdes

The IOTA Crew

Ray Day,	N6HE
Dan Colburn,	W6DC
Homer Meek,	K6HKT
Brian Tilley,	KA6UHM
Bob Closson,	W6HIP
Susan Closson	
Bob Sylvest,	AI6SY
Joe Pace,	NZ6L
Bill Leighton,	KG6WVF
Chuck McCown,	K6CTM



For those of you who tuned in from April 1st through the 5th, you know that the April IOTA at Two Harbors, Catalina Island, was a great time!

Mel and Doris Hughes planned everything carefully. When they had to take a medical opt-out, Ray Day, N6HE, and the whole crew under his guidance, just took right over.

For the rest of the tale, you'll find out at the meeting when Ray shows the slides and tells the tales. See you there!



Visit Our Web Site

K6PV

www.palosverdes.com/pvarc

April 2009

The President Pontificates Joe Pace, NZ6L

This has been a very exciting month!

Our Santa Catalina Island IOTA team operated from Wednesday, April 1st to Sunday April 5th. The team battled through the pesky “spaghetti curtain” into France, corresponded with Poland, and worked 49 1/2 states and 327 contacts with about a third of them in CW. Thanks to everyone who made this event a wonderful success and we're looking forward to next year -- hope to see you there!

Next time, we plan to have RTTY operations going, and will time the event for a RTTY contest to make it that much more exciting! Mark your calendar for March 31st through April 4th, 2010. There's a lot to do on the island besides amateur radio – if your spouse enjoys the outdoors – hiking, kayaking, biking, sailing, touring, exploring, etc. This is the place. It's a wonderful community to visit in the off season, and the weather is terrific.

The Palos Verdes Marathon is coming up shortly on Saturday May 2nd. This is longest continuously-run marathon in the country and a Boston qualifier. It's a brutal course, and PVARC is instrumental in maintaining the safety and comfort of the participants. This is a great opportunity to serve the community at-large and practice good operating skills. Thank you to Denzel Dyer for organizing the radio support for the event this year, and to all of us who toe the line to make this an annual success.

Welcome aboard to our new members in March: Thomas Carlson, Eric Mockler, and Chuck McCown!



Jeff Wolf, K6JW, provided us with a unique demonstration of remote station operation at the meeting last month. This is becoming quite popular, and a coworker of mine completed his DXCC using a remote station very similar to Jeff's in the recent past. Jeff showed us that it is reasonably attainable to do this with your own station, using off-the-shelf software, services, and electronics. Thank you Jeff!

We have a lot of activities planned for the year. Following the PV Marathon, we have Field Day, the Rolling Hills 5 & 10K Run, the incredible International Lighthouse Weekend at Pt. Vicente, followed on Sunday with a BBQ on the lighthouse grounds, and then punctuated by our annual Holiday Party in December.

I'm looking forward to seeing you all at these and more events throughout the year.
73,
Joe Pace, NZ6L

de the VP

Knut J. Myhre, N6BNP



It is time again for my contribution to the monthly QRO and this time I will have to mention something about upcoming programs for the club meetings.

As you know, Mel, K6SY, was the one scheduled for the program at the April meeting, but Mel got an illness that put him out of action for at least a couple of months. This meant we had to put together something else for the April and May meetings.

Fortunately, our club has a number of good people willing and able to step forward in a pinch and I am happy to report the program for the upcoming April meeting is secured. Ray, N6HE, will tell those of us who did not go to Catalina for the IOTA event, about the exciting things that happened. Really looking forward to that.

If time permits, Denzel, KG6QWJ, will fill us in about the upcoming PV marathon. I am sure most of the club membership would like to know more about this event which some the club members provide communication service for every year.

The next big event in California is the DX convention in Visalia. The eager DX members of our club will be there, some for the whole convention and some for a day or two. It is a good possibility we can get a report about that event at the May club meeting.

Although sunspots are absent these days and one has to utilize every trick in the book to snag the few dx stations on the air, lots of those

tricks certainly will be discussed and revealed at the DX convention in Visalia. The May meeting could therefore be quite interesting.

I also would like to invite our new members and young members to let us know what they feel what the club should provide for programs at the club meeting. There are so many new electronic and communication activities that have evolved over the years that may have appeal to new members of the club. Just drop me an email or you may convey to members of the board your point of view about programming and I can assure all suggestions and proposals will be favorably considered.

We are looking forward to getting Mel, K6SY, back in full operation again, and wish you all the best Mel !

Knut, N6BNP



Treasurer's Report



Bill Harper
April 2009

PVARC Balance	\$2,379.84
John Alexander Fund:	\$1,033.00
Repeater Fund:	<u>\$1,075.66</u>
Total Bank Balance	<u>\$4,488.50</u>

Membership 2009	113
ARRL Members	66

Need a Club Badge?

Contact
Karen Freeman, KG6BNN
310-541-6971



**Need a Club Patch?
Or a Club Jacket?** Get either or
both from
Dave Scholler, KG6BPH
310-373-3816



Board of Directors

President	Joe Pace, NZ6L
Vice President	Knut Myhre, N6BNP
Treasurer	Bill Harper, WA6ESC
Secretary	Bill Leighton, KG6WVF
Past President	Ginger Clark, KG6TAU
Director (1)	Mel Hughes, K6SY
Director (2)	Jeff Wolf, K6JW

Appointed Offices

QRO Editor	Ginger Clark, KG6TAU
Asst to Editor	Paige Omoto, KI6MAH
Web Page Editor	John Freeman, WW6WW
Club Librarian	Bryant Winchell, W2RGG
VE Coordinator	Dave Scholler, KG6BPH
VE Liason	Jeff Wolf, K6JW /Alan Soderberg W8CU
LAACARC Rep	Open

Contacts

QRO Editor	310-378-7894
WebMaster	310-541-6971

Looking for an on-line practice exam for your next upgrade?



Check the PVARC website for all your options at:

<http://www.palosverdes.com/pvarc/VETesting.htm>



Three Weeks To Go and Three Volunteers To Go

Denzel Dyer, KG6QWJ
denzel.dyer@verizon.net

The Palos Verdes Marathon is one of the very oldest continually operating Marathons in the United States. The Palos Verdes Amateur Radio Club has provided radio communication for the Marathon for many years. The race begins at 7:00 AM, Saturday, 2 May, at Point Fermin Park, San Pedro. Runners go west on Paseo del Mar in San Pedro to Western Avenue, north up Western to 25th Street, and west, as 25th becomes Palos Verdes Drive South and then Palos Verdes Drive West. In Palos Verdes Estates, the course leaves PV Drive West and moves to Paseo del Mar. At 1500 Paseo del Mar the runners turn around and go back along the same route. The winner is usually back before 10 AM, but support has to continue until about mid-afternoon.

There are ten aid stations this year (a new one has just been added), each of which needs a radio operator. We also need operators at the start/finish line, with the race director, at the turnaround, and in four vehicles that provide support.

At the moment of writing (Monday morning, 13 April) we have just enough operators, but those at the aid stations would be delighted to have assistants. The aid station operators call for supplies (water, Gatorade, etc.) if the initial stock runs low. They call for help in case of an injured runner, or one who is just unable to keep going. They get the numbers of the leading runners and report those to the race director.

This is a good opportunity to gain some practical experience operating in a net. For the

relatively new hams, it's also a great way to practice using your radio and to find out how well it works, without having all the responsibility for the aid station. It is likely to be a beautiful day, and several of the stations come with ocean views.

I will be saying a few words about the Marathon at the Club meeting Wednesday evening; but you don't have to wait until then to volunteer.

Denzel Dyer KG6QWJ
denzel.dyer@verizon.net



ARRL Report April, 2009 (Includes Four Reports)

Bryant Winchell, W2RGG

[Note: To read the entire article referenced below go to

<http://www.arrl.org/arrlletter/> and click on the appropriate Volume and Number.]



ARRL HAMS TO ACTIVATE MIDWAY ATOLL AS K4M IN OCTOBER 2009

Earlier this year, US Fish and Wildlife Service (USFWS) announced that they would open Midway Atoll to Amateur Radio operations for two weeks only, from October 5-19, 2009. Tom Harrell, N4XP, of Monroe, Georgia, and Dave Johnson, WB4JTT, of Aitkin, Minnesota, have put together a team of 19 operators from all over the world to activate Midway Atoll for a 10 day period as K4M

<<http://www.midway2009.com/>>

GAREC-2009: EMERGENCY COMMUNICATIONS ACROSS BORDERS

The Fifth Global Amateur Radio Emergency Communications Conference (GAREC) -- hosted by the Japan Amateur Radio League (JARL) -- will be held in conjunction with the JARL Ham Fair at Tokyo Big Sight on August 24-25, 2009. Registration for GAREC-2009 will begin in early May. Ref.: *The ARRL Letter Vol. 28, No. 10*

US COAST GUARD TO DISCONTINUE LORAN STATIONS

Last month, the US Coast Guard announced that due to economic conditions, they would be closing down the 24 LORAN-C (Long Range Aid to Navigation) stations operated under the auspices of the USCG. LORAN stations provide navigation, location and timing services for both civil and military air, land and marine users. According to the USCG, LORAN-C is approved as an en route supplemental air navigation system for both Instrument Flight Rule (IFR) and Visual Flight Rule (VFR) operations. The LORAN-C system serves the 48 continental states, their coastal areas and parts of Alaska. Ref.: *The ARRL Letter Vol. 28, No. 10*

HAMS ASSIST WOMAN INJURED IN DESERT

It was a sunny day, not a cloud in the sky, when Hal Whiting, KI2U, Todd Kluxdal, Kluxdal's father and Whiting's two sons decided to go out to the Poverty Mountain area in Arizona to search for airplane crash sites. Whiting, who lives in St George, Utah, and Kluxdal, who lives in Mesquite, Nevada, took two vehicles that day. According to Whiting, they always take two vehicles, just in case a problem pops up: "We always have two spare tires, extra gasoline and a tow rope. We take enough food and supplies to stay two or three days." In addition to the extra equipment, Whiting took the one thing he never goes without -- his ham radio. Ref.: *The ARRL Letter Vol. 28, No. 11* [W2RGG note- this is a very interesting story but too long to include here.]



ARRL RELEASES REVISION OF "EXPERIMENTAL METHODS IN RF DESIGN"

The revised first edition of "Experimental Methods in RF Design" is now available from the ARRL. Co-written and updated by Wes Hayward, W7ZOI, Rick Campbell, KK7B, and Bob Larkin, W7PUA, "Experimental Methods in RF Design" explores wide dynamic range, low distortion radio equipment, the use of direct conversion and phasing methods and digital signal processing. Use the models and discussion included in the book to design, build and measure equipment at both the circuit and the system level. *Ref.: The ARRL Letter Vol. 28, No. 11*

FCC DENIES PETITION TO INCREASE SIZE OF AMATEUR RADIO QUESTION POOL

In April 2008, Michael Mancuso, KI4NGN, of Raleigh, North Carolina, filed a petition with the FCC, seeking to increase the size of the question pools that make up the Amateur Radio licensing exams. Mancuso sought to increase the question pool from 10 times the number of questions on an exam to 50 times more questions. On March 19, 2009, the Commission notified Mancuso that it was denying his petition. *Ref.: The ARRL Letter Vol. 28, No. 11*

GLOBAL SIMULATED EMERGENCY TEST SCHEDULED FOR APRIL IARU

Region 1 has invited the HQ stations of IARU Member-Societies, as well as the EOCs of Emergency Communications Groups (ECGs), to participate in the 2009 Global Simulated Emergency Test (GlobalSET), on Saturday, April 18, 2009 from 1100-1500 UTC. The GlobalSET will take place on and near the emergency Center of Activity (CoA) frequencies on 80, 40, 20, 17 and 15 meters, +/- QRM. IN the US, ARES groups that will be representing EOCs need to register through their IARU International Emergency Communications Coordinator. Registrations should be mailed to ARRL Emergency Preparedness and Response Manager Dennis Dura, K2DCD, and must include the call sign (this will be used as the name of the ECG) and the EOC that the ECG is representing, as well as a list of the names and call signs of all operators involved. *Ref.: The ARRL Letter Vol. 28, No. 11*

FCC CLARIFIES WHAT CONSTITUTES AN AMATEUR RADIO REPEATER

In December 2007, Gary Mitchell, WB6YRU, President of the Northern California Packet Association (NCPA), filed a Petition with the FCC, asking for the Commission to clarify the definition of a repeater. According to Part 97, Section 3(a)(39), a repeater in the amateur service is "[a]n amateur station that simultaneously retransmits the transmission of another amateur station on a different channel or channels." *Ref.: The ARRL Letter Vol. 28, No. 12*

NORTH DAKOTA HAMS HELP TO HEAD OFF RIVER FLOODING

Early on Friday, March 27, the Red River -- the natural boundary separating North Dakota and Minnesota -- rose to 40.32 feet, more than 22 feet above flood stage and inches more than the previous high water mark of 40.10 feet set April 7, 1897. According to Mark Johnson, KC0SHM, President of the Red

River Radio Amateurs (RRRA), hams are "substantially involved" with the flood operations. "This flooding event is impacting residents in both North Dakota and Minnesota" he told the ARRL. "National Weather Service forecasters are predicting that the river will crest to 41 feet, maybe even as high as 43 feet, by Saturday."

Johnson said that on March 22, officials in North Dakota's Cass County and Minnesota's Clay County requested the assistance of local amateurs. Hams set up local nets on the W0ILO repeater system, using 444.875+ and 145.350-. "Initially, hams supported the area, helping out with coordinating food and water requests for the Salvation Army and Red Cross," he said. "In addition, Clay County hams have been heavily involved with coordinating sand and sandbag logistics." *Ref.: The ARRL Letter Vol. 28, No. 12*



FCC PROPOSES NEW RULES FOR MEDICAL DEVICES OPERATING ON 70 CM BAND

On March 20, the FCC issued a Notice of Proposed Rulemaking proposing to allocate spectrum and adopt service and technical rules for the utilization of new implanted medical devices that operate on 413-457 MHz (70 cm). According to the Commission, these devices, called implanted neuromuscular microstimulators, would greatly expand the use of functional electric stimulation to restore sensation, mobility and function to those persons with paralyzed limbs and organs; they would be implanted in a patient and function as wireless broadband medical micro-power networks (MMNs). The Amateur Radio Service has a secondary allocation in the 70 cm band.

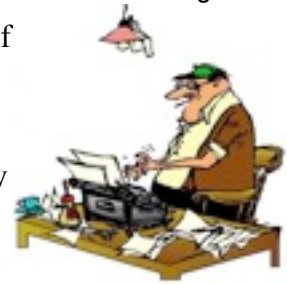
The FCC said that several proponents claim that this technology "could revolutionize medical treatment and therapy for millions of people living with brain and spinal cord injuries and neuromuscular disorders such as multiple sclerosis, polio, cerebral palsy and ALS (amyotrophic lateral sclerosis, often referred to as 'Lou Gehrig's Disease'), as well as numerous other neurological disorders. It could be used in conjunction with next-generation prosthetic limbs to provide wireless sensation and control to the prostheses. Of particular note, this technology can provide an important tool in the medical treatment and care of numerous US soldiers who suffered spinal cord, brain and other serious injuries in Iraq, Afghanistan and other missions abroad." *Ref.: The ARRL Letter Vol. 28, No. 12*

* Get Ready for ARRL Field Day 2009: The official 2009 ARRL Field Day Web page is up and running. This page includes a summary of available resources, with links to Field Day forms and rules, logos and reference links. The page also includes a quick link to the map-based Field Day Station Locator where users can search for public Field Day sites. *Ref.: The ARRL Letter Vol. 28, No. 12*

ARRL COMMENTS ON FCC'S PROPOSED ESTABLISHMENT OF RURAL BROADBAND PLAN

On March 10, 2009, the FCC invited comments via a Public Notice concerning the establishment of a comprehensive rural broadband strategy as part of the Department of Agriculture's Food, Conservation and Energy Act of 2008, commonly known as the 2008 Farm Bill. Per the American Recovery and Reinvestment Act of 2009 (Recovery Act), Congress required the FCC to develop a "comprehensive na-

tional broadband plan." According to the FCC, they, Congress, and the Secretary of Agriculture "have repeatedly recognized the importance of ensuring access to advanced telecommunications and information services to all Americans, with a special focus on rural and hard-to-serve areas." The proceeding provided an opportunity for the ARRL to express its concerns about broadband over power lines (BPL) that the FCC has yet to satisfactorily address. *Ref.: The ARRL Letter Vol. 28, No. 13*



NEW VIDEOS PROMOTING FIELD DAY, AMATEUR RADIO TECHNOLOGY, AVAILABLE FROM ARRL

Two new video Public Service Announcements (PSAs) -- one promoting ARRL Field Day and another showing the technical side of Amateur Radio -- are now available from the ARRL Web site. "These videos are great for PIOs, clubs and hams in general to use in promoting the fun side of Amateur Radio," said ARRL Media and Public Relations Manager Allen Pitts, W1AGP. "The Field Day PSA is meant to be posted on Web sites, added to e-mails and shared via the Internet," Pitts explained. *Ref.: The ARRL Letter Vol. 28, No. 13*

FCC DENIES NEW YORK HAM'S REQUEST FOR PRB-1 RULING

On March 27, the FCC notified Thomas Morrison, AB2PP, of Yonkers, New York, that it was denying his petition concerning an Amateur Radio antenna support structure Morrison had installed at his home. In his December 2008, petition, Morrison requested the Commission rule that the City of Yonkers did not provide "reasonable accommodation" in its building permit requirements per PRB-1 with regard to the installation of the support structure. *Ref.: The ARRL Letter Vol. 28, No. 13*

GERMAN AMSAT TEAM TRANSMITS, RECEIVES SIGNALS FROM VENUS

On March 25, a group from AMSAT-DL bounced radio signals off the surface of Venus, marking the first time Amateur Radio operators have bounced radio signals off another planet. According to AMSAT-DL President Peter Guelzow, DB2OS, the Earth-Venus-Earth (EVE) transmission is another step in preparing for a mission to Mars. According to an AMSAT-DL press release, the team's transmitter was generating about 6 kW CW on 2.4 GHz. Guelzow said that signals were sent from a ground control station at the IUZ Sternwarte observatory in Bochum: "After traveling almost 100 million kilometers and a round trip delay of about 5 minutes, they were clearly received as echoes from the surface of Venus. This was the first German success to receive echoes of other planets. In addition, this is the farthest distance crossed by radio amateurs, over 100 times further than echoes from the moon (EME reflections)." *Ref.: The ARRL Letter Vol. 28, No. 13*

ARRL RELEASES 2009-2010 REPEATER DIRECTORY

With more than 20,000 listings for VHF/UHF repeaters across the US and Canada, "The ARRL Repeater Directory 2009-2010" is a must have. Once again, the ARRL is offering two sizes of the "Repeater Directory"--pocket size and desktop. *Ref.: The ARRL Letter Vol. 28, No. 13*

SOLAR UPDATE

Tad "The warm Sun thaws the benumbed Earth" Cook, K7RA, this week reports: Our Sun is in the news again, unfortunately not due to any hoped-for activity, but for the eerie quiet instead. The Sun is surprisingly calm by several measurements, including the large number of spotless days *Ref.: The ARRL Letter Vol. 28, No. 13*



ITALIAN HAMS RESPOND AFTER EARTHQUAKE

An earthquake that registered between 5.8 and 6.3 magnitude struck the town of L'Aquila -- the capital of Italy's Abruzzo region, about 65 miles northeast of Rome -- early on the morning of April 6. News reports say the quake has killed more than 250 people, with at least 50,000 left homeless. Cluster spots reported that two HF frequencies -- 7045 and 3640 kHz -- were being used for emergency communications. Local hams also reported that various VHF frequencies were also being used. *Ref.: The ARRL Letter Vol. 28, No. 14*

NEW ARRL ADVANCED EMERGENCY COMMUNICATIONS COURSE IN THE WORKS

Over the past several months, ARRL staff have been reviewing the Amateur Radio Emergency Communications online course program and have decided to combine two of the three Emergency Communications courses. According to ARRL Education Services Manager Debra Johnson, K1DMJ, the review included a critical examination of the course content, as well as methods of course delivery and interrelationships with government organizations. Johnson said that the decision was made to revise the Level 3 course to become a new Advanced Emergency Communications Course; this, she said, will replace both the current Level 2 and Level 3 courses. The new advanced course is set to be released during the last quarter of 2009. *Ref.: The ARRL Letter Vol. 28, No. 14*

FCC, INDIANAPOLIS POLICE DEPARTMENT ADDRESS UNLICENSED OPERATIONS

In response to an investigation by the FCC, the Indianapolis Metropolitan Police Department (IMPD) has taken action to prevent further use of Amateur Radio frequencies by unlicensed officers. Any Amateur Radio equipment in the cruisers of unlicensed officers was removed by order of IMPD Chief of Police Michael T. Spears. According to the FCC, some IMPD officers were using the radios to supplement their normal communications channels, including using amateur frequencies for tactical communications during drug surveillance. As part of its inquiry, the FCC reminded the IMPD of the large number of tactical channels available on a secondary basis to police departments from the public safety pool of frequency allocations *Ref.: The ARRL Letter Vol. 28, No. 14*



Pacificon 2009 to be hosted by EMMCOMM WEST, May 1, 2, and 3, at the Circus Circus Hotel, Reno, NV

The Mt. Diablo Amateur Radio Club had decided not to sponsor the Pacificon Convention this year. They have done an outstanding job of running Pacificon every year since 1992. This decision was made by their Pacificon Committee, based on the current economic downturn, and unsuccessful negotiations with the host hotel. EMMCOMM WEST, the second largest Amateur Radio Convention in the Pacific Division, has very kindly accepted a marriage of the two events.

The keynote speaker will be Steve Ewald, WV1X, Field Organization Supervisor from ARRL HQ; and the banquet speaker will be Riley Hollingsworth, K4ZDH, who was in charge of Amateur Radio rules enforcement at the FCC when he retired. I hope many of you will be able to attend this year's Pacificon. More information is available at <pacificon.org>.

See you at EMMCOMM WEST/Pacificon!

Thanks and 73,

Bob Vallio, W6RGG
Director, Pacific Division



April 17 - 19
DX Convention in Visalia

This is the 60th anniversary of an informative and fascinating weekend
Lots of fun!

for more information go to <http://dxconvention.org>

2009

March							April						
Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7	5	6	7	1	2	3	4
8	9	10	11	12	13	14	12	13	14	15	16	17	18
15	16	17	18	19	20	21	19	20	21	22	23	24	25
22	23	24	25	26	27	28	26	27	28	29	30		
29	30	31											
May							June						
Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
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3	4	5	6	7	8	9	7	8	9	10	11	12	13
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17	18	19	20	21	22	23	21	22	23	24	25	26	27
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31													
July							August						
Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
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5	6	7	8	9	10	11	2	3	4	5	6	7	8
12	13	14	15	16	17	18	9	10	11	12	13	14	15
19	20	21	22	23	24	25	16	17	18	19	20	21	22
26	27	28	29	30	31		23	24	25	26	27	28	29
							30	31					
September							October						
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		1	2	3	4	5					1	2	3
6	7	8	9	10	11	12	4	5	6	7	8	9	10
13	14	15	16	17	18	19	11	12	13	14	15	16	17
20	21	22	23	24	25	26	18	19	20	21	22	23	24
27	28	29	30				25	26	27	28	29	30	31
November							December						
Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7			1	2	3	4	5
8	9	10	11	12	13	14	6	7	8	9	10	11	12
15	16	17	18	19	20	21	13	14	15	16	17	18	19
22	23	24	25	26	27	28	20	21	22	23	24	25	26
29	30						27	28	29	30	31		

Date	Destination	Contact for more info
January 21 @1930 (Wed)	General Meeting	
February 14 @Noon (Sat)	IOTA Planning Meeting	Mel Hughes, K6SY
February 18 @1930 (Wed)	General Meeting	
March 18 @1930 (Wed)	General Meeting	
April 1-5 (Wed-Sun)	IOTA Trip to Catalina	Mel Hughes, K6SY
April 15 @1930 (Wed)	General Meeting	
May 2 (Sat)	Palos Verdes Marathon	Denzel Dyer, KG6QWJ
May 20 @1930 (Wed)	General Meeting	
June 17 @ 1930 (Wed)	General Meeting	
June 27-28 (Sat-Sun)	Field Day!	We need a coordinator for 2009!!
July 15 @1930 (Wed)	General Meeting	
August 8 (Sat)	Rolling Hills 5/10K Run	Walt Ordway, K1DFO
August 14-16 (Fri-Sun)	Pt. Vicente Lighthouse Event	Bob Closson, W6HIP
August 16 (Sunday)	ANNUAL PICNIC	Joe Pace, NZ6L
August 19 @1930 (Wed)	General Meeting	
September 16 @1930 (Wed)	General Meeting	
October 21 @1930 (Wed)	General Meeting	
November 18 @1930 (Wed)	General Meeting	
December 16 (Wed)	HOLIDAY PARTY at PVIC	Joe Pace, NZ6L



K6PV
Palos Verdes Amateur Radio Club
P.O. Box 2316
Palos Verdes Peninsula, CA 90274
www.palosverdes.com/pvarc

New Membership Application and Member Renewal Form

New: _____ or Renewal: _____ Membership Date: _____

Individual _____ (\$15/Year) or Household and/or Family Membership _____ (\$17/Year)

(Applying) New Member Information: or Member Renewal: same as Last Year? YES___NO___

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 Date: _____
(Only: Month - Day)

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

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

Name _____ Call _____ Class _____ ARRL _____ Birth Date: _____
(Only: Month - Day)

Name _____ Call _____ Class _____ ARRL _____ Birth Date: _____
(Only: Month - Day)

Name _____ Call _____ Class _____ ARRL _____ Birth Date: _____
(Only: Month - Day)

Individual membership (\$15.00) \$ _____
Household and/or Family membership (\$17.00) \$ _____
Donation to the John Alexander Fund \$ _____
Donation to the Repeater Fund \$ _____
Donation to PVARC \$ _____
Cash: _____ or Check #: _____ Date _____ TOTAL \$ _____

Please make checks payable to: Palos Verdes Amateur Radio Club (PVARC)

NOTE: Dues are based on January 1st to December 31st of the calendar year.