

## Palos Verdes Amateur Radio Club



# K6PV



Ever wonder why there are sixty seconds in a minute, 60 minutes in an hour and 24 hours in a day?

All those three-letter acronyms: UTC, TIA, PST ... what do they all mean?

Are those little watches really atomic powered?

Find answers to these and many other timely questions when Dennis Kidder, W6DQ, presents:



## So You Think You Know What Time It Is: A History of Precision Time and Frequency

Dennis was first licensed as WN6NIA in 1969, quickly upgraded and became WA6NIA. In addition to the typical HF, VHF and UHF amateur activities, he operates EME (moonbounce) on 144 MHz.

One of the quirkiest things that Dennis has become is a "Time Nut." These are individuals who pursue accurate time and frequency – as a hobby.

His true passion is collecting "boatanchors" - older, vacuum tube amateur, commercial, and military radios from such companies as Collins Radio, E.F. Johnson, Drake and Hammarlund.

Dennis is a Life Member of the ARRL, an Assistant Emergency Coordinator with Orange County Hospital Disaster Support Communications System (HDSCS), and is the current President of The Associated Radio Amateurs of Long Beach, W6RO. Recently, he traded in his call of 37 years for W6DQ, the callsign of one of his early Elmers.

He is a Principal System Engineer with Raytheon, developing UHF tactical communications systems.

# The Acting President, Who Does Not Pontificate



*Denzel Dyer, KG6QWJ*

For months I have been saying that I didn't want to be the Club President, and I suddenly realized that it was because I figured I wouldn't be able to pontificate at all properly. But maybe I can get by for one month, and with a little luck that will be enough.

First, welcome home from the wilds of Catalina to our IOTA team. From everything that I have heard, they had a very successful time. Perhaps they can get something into this QRO, and the next meeting.

Second, all that time that I was saying I didn't want to be Club President may be paying off. (I have to emphasize the **Club**, just in case the population decides to invite me in place of Obama, Clinton, McCain, or whomever. I like the Marine Band.) Anyway, we will again have nominations from the floor at the meeting, and then, hopefully, an election to fill the presidential vacancy. All you eager volunteers who haven't spoken up before: you still have a chance!

And while we are having an election, we also need a Club decision on a proposed change to the Club Constitution. Last month we elected two non-officer Directors, Curtis Watanabe and Mel Hughes. Minor conflict: The constitution specifies that the Executive Committee (also known as the Board of Directors) consists of the President, Vice-President, Secretary, Treasurer, and Immediate Past President. So that our two new directors can legitimately be voting directors, we need to change that sentence to add "and two elected directors".

Still room for new operators for the PV Marathon, Saturday, 17 May.

OK, this isn't much for pontification, but I have to save a few words for the Vice-President's page.





## De the VP, Denzel Dyer, KG6QWJ

Don't forget our regular meeting at Hesse Park, 7:30 PM on the evening of the 19<sup>th</sup>.

Our speaker will be Dennis Kidder, W6DQ, with his talk on "So you think you know what time it is". A few members who heard this talk at the Convention last fall recommended it very highly. Some may remember him for a couple of previous talks. Dennis is, or was, a local boy, who grew up on Empty Saddle Road in Rolling Hills Estates — first speaker in a while who knows how to find us.

Then in April: Curt Kaplan, KG6GBW. He is forecaster and Weather Spotter/Skywarn Coordinator with the National Weather Service Los Angeles / Oxnard Weather Forecast Office.

The Weather Spotter / Skywarn program is another volunteer program in which hams call in reports of severe weather, rain, etc. I understand that Skywarn is particularly active back East of the Rocky Mountains (there are still some people left there) where their weather makes West Coast storms seem very mild and benevolent.

May and later are still up for grabs - some invitations out, but nothing definite yet. Suggestions welcome - I would particularly appreciate a suggestion for a speaker for our Christmas party who would be as good as David Doody last December.

Field Day coming up in June – room for more operators there.

Lighthouse Picnic at Point Vicente Lighthouse in August.

And for anyone who would like to spend a beautiful day on the coast, I can use a few more operators for the Palos Verdes Marathon, Saturday, 17 May. Loaf around enjoying the view while practicing net operation, and even help out the Marathon! ([denzel.dyer@verizon.net](mailto:denzel.dyer@verizon.net)).

Most assignments can be handled with a hand-held radio working on the 440 MHz band. Three or four need more power and antenna, but we have two of those taken care of.

February 20, 2008  
 PVARC Meeting Minutes  
 Bill Leighton, KG6WVF



Joe Locascio, K5KT brought the meeting to order and after the pledge of allegiance, asked members to introduce themselves and report what they had been doing.

Bill Pomeranz, KB6FB, took the opportunity to thank participants in at the recent DCS drill.

Mel Hughes, K6SY announced the International DX Convention to be held at Visalia Airport April 25-April 27. Additional Information is available at the Southern California DX Club web site, SCDXC.ORG.

Joe talked about the many current opportunities for DX that are available, even at the current sunspot minimum. He also announced the next Christmas Banquet date, Dec 5 2008, and reminded us of the IOTA Dxpedition to Catalina March 7-10 and Field Day in June.

HF items: Jeff Wolf, K6JW and Joe both have HF radios for sale. Proceeds will be donated to the club. Bill Pomeranz volunteered the use of his station so that members without HF radios can still become active in HF.

The following slate of club officers , running unopposed, was elected:

President	(open... candidates needed)	
Vice President	KG6QWJ	Denzel Dyer
Treasurer	WA6ESC	Bill Harper
Secretary	KG6WVF	Bill Leighton
Director	KI6KUK	Curtis Watanabe
Political Liaison	K6SY	Mel Hughes
Past President	K5KT	Joe Locascio

This month's guest speaker was John Haslet who, inspired by Thor Hyerdahl has made two voyages (so far) by balsa raft in the seas off Ecuador and Panama. Ham radio provided the only communication during the voyages. This proved critical in dealing with certain hazards like penal colonies, shipworms, and disintegrating ropes.

### Harvey Hetland, N6MM -- SK

Former ARRL Los Angeles Section Communications Manager from Altadena, was killed in an accident last week while bicycling through La Tuna Canyon in the San Fernando Valley. A significant contributor to Amateur Radio over the years, Harvey served stints as manager of the Southern California Net, editor of the Southern California DX Club Bulletin, president and bulletin editor for the Pasadena Radio Club, member of the CQ Magazine Contest Committee, ARRL, QSL Bureau volunteer, and QSL manager for a number of Dxpeditions.

He had recently retired from the faculty of Pasadena City College. The writing talent of the many legendary Hetland-authored Amateur Radio bulletins over the years was later redirected into sets of instructional materials produced for the specialized classes he developed and taught to his PCC students. A memorial service was held March 13, in Pasadena.

### Rod Dinkins, AC6V -- SK

The Southwestern Division lost another significant contributor to Amateur Radio on February 16, when Rod Dinkins, AC6V, of Oceanside, passed away due to a ruptured aneurysm. Amateurs worldwide have used his comprehensive Amateur Radio website, [www.ac6v.com](http://www.ac6v.com), to find information on many aspects of our avocation. Rod is also remembered as a prime mover in the success of the division's largest radio club, the Palomar Amateur Radio Club. Rod's efforts with newcomers were noteworthy and particularly appreciated. Rod had a career in the electronics industry, which included authoring of technical manuals.

A memorial service with full military honors was held March 13, in San Diego.



### BILL HARPER'S TREASURER'S REPORT MARCH 2008

PVARC BALANCE	\$2,371.03
JOHN ALEXANDER FUND	803.00
REPEATER FUND	957.66
TOTAL BANK BALANCE	\$4,131.69
MEMBERSHIP 2007	121 MEMBERS
RENEWED SO FAR 2008	85 MEMBERS
ARRL MEMBERS	54

### Board of Directors

President	Open
Vice President	Denzel Dyer, KG6QWJ
Treasurer	Bill Harper, WA6ESC
Secretary	Bill Leighton, KG6WVF
Past President	Joe Locascio, K5KT

### Appointed Offices

QRO Editor	Ginger Clark, KG6TAU
Editor Emeritus/ Proofreader	Bryant Winchell, W2RGG
Graphics Guy	Rick Murray, K6WXA
Web Page Editor	Rick Murray, K6WXA

### Contacts

QRO Editor	310-378-7894
WebMeister	310-544-0982

## PVARC Election Day -- Part Deux

### We've Elected a Vice President, Secretary, and Treasurer We Are Still Missing a President

Ginger Clark, KG6TAU

Since the nominating committee has been unable to find anyone willing to run for President and since we were unable to find someone to run for president at the election meeting, someone had to step in to do the job. Denzel is adamant that it's a job he doesn't want. So this month's meeting we will be entertaining nominations from the floor for a new president.

If you can't make the meeting, nominations by e-mail are encouraged. Send them to Denzel Dyer at [denzel.dyer@verizon.net](mailto:denzel.dyer@verizon.net).



### Proposed Constitution Change:

Denzel Dyer

The Club Constitution specifies that:

“The officers of the club shall be: a President, a Vice President, a Secretary, and a Treasurer. These officers and the immediate Past President shall constitute the club executive committee for the purpose of conducting club business.”

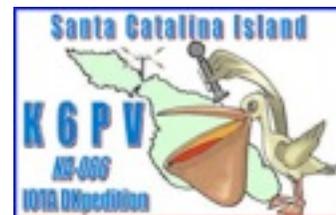
At the February meeting, we elected two Directors, Curtis Watanabe and Mel Hughes.

They certainly should be voting Directors, and to make that official, we need to change the Constitution to read:

“The officers of the club shall be: a President, a Vice President, a Secretary, and a Treasurer. These officers, ~~and~~ the immediate Past President and two elected directors shall constitute the club executive committee for the purpose of conducting club business.”

The executive committee (board of directors) approved the change at its March meeting.

As usual, if you can't make the meeting, votes by e-mail are encouraged. Send them to Denzel Dyer at [denzel.dyer@verizon.net](mailto:denzel.dyer@verizon.net)



**WE'RE BACK FROM OUR IOTA WEEKEND  
AT TWO HARBORS, CATALINA,  
AND WE HAD A GREAT TIME!**

**CURTIS WATANABE, KI6KUK**

As you know, this past March 7<sup>th</sup>-10<sup>th</sup> we had our 2<sup>nd</sup> successful IOTA Expedition at Two Harbors Catalina Island. We had a great time and made over 250 contacts; mostly throughout the continental US and some DX contacts.

Everyone helped out as a team to set up the equipment; we all had a chance to work the radios. We did have some time to explore the island a bit; we were able to sit down, relax and have some great conversation with each other and to get to know each other a little better.

I want to thank our IOTA team; Ray, Dave, Ginger, Joe, Marian, Homer, his daughter Andrea, and myself who went to the island and participated with this event.

I want to thank Ginger Clark for graciously planning, purchasing, and preparing all of meals for our event.

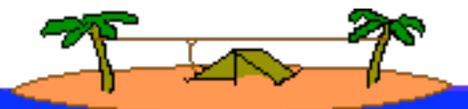
I want to thank Mel & Doris Hughes for the use of their equipment and for spotting us on the DX reports and the internet.

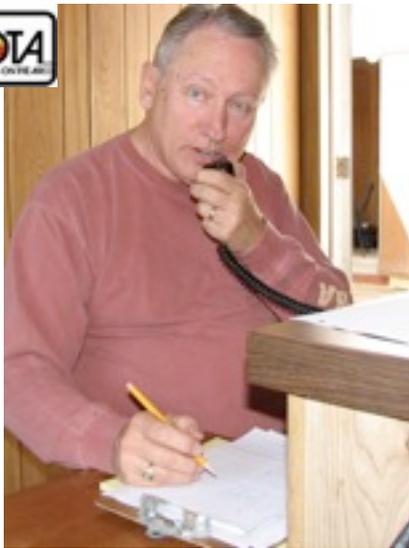
I want to thank Bill Harper for his antennas and other technical help.

I want to thank Rick Murray for the usage of his equipment and for being our Pilot station and keeping us and the PVARC in touch with each other.

I want to thank Denzel for the Vice President's support.

And last but not least, I want to thank You, the members of the PVARC, for your support.





## Palos Verdes Marathon!

It is said to be the second oldest Marathon operating continuously in the US next only to the Boston Marathon.

This year, the Marathon will be run on Saturday, 17 May, beginning 7 AM

The route is from Point Fermin (San Pedro) to Western Avenue, then to 25<sup>th</sup> St. and west on Palos Verdes Drive South and Palos Verdes Drive West, then returning by the same route.

The weather is almost guaranteed to be warm and beautiful (though not guaranteed by me!). We will have operators at the beginning/end at Pt. Fermin, and at nine aid stations along the route.

Most of those locations require only a hand-held 440 MHz radio. One (Aid Station 2) is notorious, but that one now appears manned with a backup. Another is a problem, and if all goes well for the Marathon it can be handled by the backup for Aid 2. We hope to put an operator at the turnaround point in Palos Verdes Estates, another location that requires a good antenna. We usually have two mobile "Rovers" patrolling the course, one east of the slide and one west of it. There is room for at least one more. We also have operators riding with two vans for transport of supplies and injured/worn out runners. We will also have contact with (but don't operate) two or three ambulances. The race begins at 7 AM, and the real runners are back mid-morning. Others take longer, and we seem to have a few walkers who finish mid-afternoon. (Bring lunch!)

There is also room for backup for the Net Control operator. Someone else should have the information at hand just in case. That, to be sure, will put you in the line of succession as Net Control — no way am I going to handle that as long as Walt Ordway did!

For lots more information including maps, check the Club Web site: [www.palosverdes.com/pvarc](http://www.palosverdes.com/pvarc), and click on "News and Events".

Denzel Dyer KG6QWJ ([denzel.dyer@verizon.net](mailto:denzel.dyer@verizon.net))



Be There or Be Square

# FIELD DAY 2008 JUNE 28-29

## Jeff Wolf, K6JW

I am writing this on one of the most important secular holidays of the year: Oscar Sunday, a day when celebrities shine and I typically begin to hear the sweet song of the bluebird of Field Day, calling me ever so seductively with promises of adventure, excitement, and a very cold night in a tent trying to eke out a few more contacts on 40 CW for the PVARC.

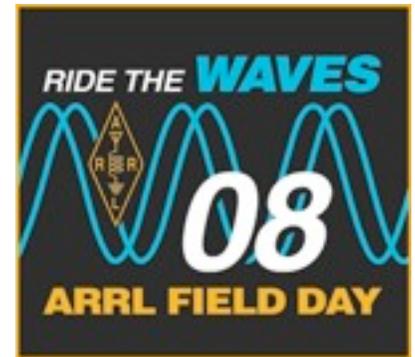
The PVARC Field Day event in its present form began life in 1990, as a small group of Club members on the Board resolved to create a Club activity that would foster the development of emergency and contest operating skills in its membership. The first years were full of enthusiasm, if only attracting a skeleton crew of dedicated hams to get it up and keep it running. The event grew steadily through the 90s, however, and has become one of the two major operating activities run by the Club each year, the other, of course, being our participation in International Lighthouse and Lightship Weekend every August.

For all but three or four of the past 18 Field Days, I have been both privileged to be, and burdened with the task of being, the chief organizer of the event. Over the course of my tenure as chairman and in those few years when I was unable to serve but participated (except for 1992, when I was laid up after back surgery!), I have seen the event develop into a fairly well organized, almost mechanical annual occurrence. Last August, I wrote in QRO that I felt the event needed re-thinking and new blood, and that I would not serve again as the event's organizer. I put out a call for someone else to take on the job. Although a couple of Club members have offered to help, no one has come forward to chair the event. Of course, this has not inhibited certain members from con-

tinuing to tell me how I could do a better job than they apparently feel I have to date.

Field Day is a critically important event for the PVARC because it demonstrates to our community in a highly visible way that we are here and ready to serve in case of emergency. We publicize the event in local newspapers, are visited by local officials as well as ARRL officers, and we know that keeping the event vital and visible keeps us on the map. Over the years, we've watched as our standing in our 2A operating class has continually improved, with us rising from near the bottom of the rankings in each December's listing in QST to the lower portion of the middle third. Not bad for an event we have purposely designed to foster skills for newcomers and de-emphasize competitive behavior. Nevertheless, we have seen support from the wider Club membership, never very extensive to begin with, fall off to distressingly low levels. Last year's participation was, in a word, abysmal.

Because of the importance of the event to our Club, I cannot simply walk away from it if no one comes forward to chair it. On the other hand, I still feel strongly that the event should be run by those with fresh ideas, including by those who've never hesitated to make suggestions to me over the years but who've never stepped up to take any active role in implementing them. So, in trying to figure out how best to respond to the dilemma we are facing this year, I have developed a plan for the event which I hereby set forth for all to consider. To make it easy to understand, I will set it out simply in the following bulleted points:



FIELD DAY 2008  
JUNE 28-29  
Jeff Wolf, K6JW

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- Barring substantial collapse of support, there will be a PVARC Field Day event as usual in 2008.
- I will arrange for the high school permit and work with the Club Treasurer to obtain the insurance verification for the PVPUSD.
- If there is to be an SSB station, it will be the responsibility of someone in the Club to organize it and supervise its operation.
- For many years, I have covered the "graveyard shift" for CW, but I do not plan to do it this year. If there is to be a CW station (an issue for Club consideration), it will be taken down in the late evening unless someone comes forward to cover the night-into-early-morning shift.
- Since Mel, K6SY will not be available to organize the VHF/UHF and GOTA stations this year, there will be no such operations unless someone else comes forward to organize them.
- I will, as in the past, provide the logging software, process the data and do the submission to the ARRL for the Club. At the conclusion of the event, it will be the responsibility of the computer owners to provide me with copies of their logs that can be merged to create the composite log. (The log file in the logging program can easily be copied or exported for this purpose.)
- I will NOT, under any circumstances, transcribe by hand any logging information from scratch sheets. If contacts aren't in the computer log files



when I get them, they won't be counted.

- In May or early June, I will assess whether there is enough support to warrant staging the event. If there is not, then I, personally, will withdraw from any further efforts on behalf of the activity. (If the event is not held, I will either participate with another group or will plan to operate from my backyard under my own call sign as a QRP CW station, the precise class to be determined at a later date. In the event of the latter, visitors would be welcome but operating opportunities would, obviously, be limited.)

My goal in all this is not to be curmudgeonly, but to encourage (flush out of the woodwork) wider participation with the infusion of new ideas into the event. Let's ask some fundamental questions: Does the Club membership care about any of this? If so, is there any interest in doing things differently? Changing the venue? Go-

ing to all natural power? Replacing CW, which only appears to interest a very few of us, with digital operation (PSK-31, RTTY)? Organizing a Saturday afternoon onsite picnic? What do YOU want to do, and what are you willing to do to accomplish it? Will anyone come forward to help make Field Day a fresh event for the PVARC? Will YOU?

*NOTE: There are a number of Club members who have given much to the Club's Field Day activities over the years, and for their support, I am eternally grateful. I have sensed, however, that they, too, have become somewhat tired and that they are participating in rote manner, much as I. It's time for them to get a break, too!*

## ARRL Summary Report March 2008

compiled by Bryant Winchell, W2RGG



### **NEW ARRL VOLUNTEER EXAMINER MANUAL NOW ONLINE**

The ninth edition of the ARRL VEC/VE Manual <[http://www.arrl.org/arrlvec/vemannual/](http://www.arrl.org/arrlvec/vemmanual/)> is now online on the ARRL Web site. The manual, the most complete source on the Amateur Radio Volunteer Examiner Program, has everything you need to know in order to be an ARRL Volunteer Examiner. *Ref.: The ARRL Letter Vol. 27, No. 6*

### **FLORIDA HAMS HELP OUT WHEN NWS GOES DARK**

On Tuesday, February 12, a tornado touched down in Cocoa Beach, Florida. Unfortunately, National Weather Service (NWS) alerts failed due to problems with phone circuits. Dennis Decker, Warning Coordinator Meteorologist with the NWS in Melbourne, said two of their four transmission lines went down that afternoon around 3:30, but were back up five hours later. Messages are carried to towers via telephone, he said.

"That's a big issue when the National Oceanic and Atmospheric Administration (NOAA) weather alerting radio is not working," said Brevard County Emergency Management Director Bob Lay. The county went into backup mode, using the volunteer emergency alert system. The NWS activated Amateur Radio operators to help get the word out about the tornado warning. "We have ham operators to tell us when they see something," Decker said. *Ref.: The ARRL Letter Vol. 27, No. 6*

### **CALIFORNIA HAM TO FACE ADMINISTRATIVE LAW JUDGE**

On February 12, the FCC issued a Hearing Designation Order (HDO) <[http://fjallfoss.fcc.gov/edocs\\_public/attachmatch/DA-08-361A1.pdf](http://fjallfoss.fcc.gov/edocs_public/attachmatch/DA-08-361A1.pdf)> to William F. Crowell, W6WBJ (ex-N6AYJ), of Diamond Springs, California to determine if his application for renewal of his Amateur Radio license should be granted. The HDO stated: "The record before [the FCC] indicates that Crowell has apparently willfully and repeatedly engaged in and continues to engage in unlawful Commission-related activities, including, but not limited to, intentionally causing interference and/or interruption, transmitting music and one-way communications, and using indecent language on amateur frequencies. Based on the information before us, we believe that Crowell's apparent past and continuing course of misconduct raises a substantial and material question of fact as to whether he possesses the requisite character qualifications to be and remain a Commission licensee. Accordingly, we hereby designate his application for hearing." Crowell initially filed his renewal application February 28, 2007. *Ref.: The ARRL Letter Vol. 27, No. 6*

### **SOLAR UPDATE**

Tad "He who kisses the joy as it flies lives in eternity's sun rise" Cook, K7RA, this week reports: No sunspots appeared this week. Solar flux was about the same as last week. *Ref.: The ARRL Letter Vol. 27, No. 6*

**\* Notes for Amateurs Visiting Australia:** According to the Australian Communications and Media Authority (ACMA), Amateur Radio operators traveling to Australia who wish to operate in that country do not need to apply for an Australian Amateur Radio license. This new policy, effective February 15, 2008, allows amateurs who hold a non-Australian Amateur Radio license to operate up to 90 days under a Class License <[http://www.acma.gov.au/WEB/STANDARD/pc=PC\\_1311](http://www.acma.gov.au/WEB/STANDARD/pc=PC_1311)>; licensees who will be in Australia for more than 90 days will need to apply for an Australian Amateur Radio license. -- Information provided by Roger Hickey, W6MSC *Ref.: The ARRL Letter Vol. 27, No. 6*



### **KOSOVO AND DXCC**

Kosovo declared its independence from Serbia on February 17, setting off new speculations on what this means to Amateur Radio and specifically, to the DXCC program. ARRL DXCC Manager Bill Moore, NC1L, said he understands that there are many questions about the DXCC status of Kosovo, especially concerning whether or not the new state will be added to the DXCC list. *Ref.: The ARRL Letter Vol. 27, No. 7*

### **NEW ARRL SECTION MANAGERS IN SAN DIEGO, LOUISIANA AND VIRGINIA**

In the only contested Section Manager race this winter, Steve Early, AD6VI, was elected ARRL San Diego Section Manager with 332 votes; his opponent, Pat Bunsold, WA6MHZ, received 264 votes. Election ballots were counted February 19 at ARRL Headquarters *Ref.: The ARRL Letter Vol. 27, No. 7*

### **SOLAR UPDATE**

Tad "Tipt round with silver from the Sun's bright eyes" Cook, K7RA, this week reports: No sunspots yet, and the sun has been blank for 17 days *Ref.: The ARRL Letter Vol. 27, No. 7*

### **CURRENT DXPEDITIONS CLIPPERTON ISLAND**

An overseas possession of France, Clipperton Island is a coral atoll in the North Pacific. About nine square kilometers, it lies southwest of Mexico and west of Costa Rica and has no permanent inhabitants. Bob Grimmick, N6OX, will lead an international team of 21 amateurs to the atoll for a DXpedition set to begin March 7 for 10 days. Clipperton currently ranks as #21 on the DXCC list of most-wanted entities. Logs will be uploaded to Logbook of the World <<http://www.arrl.org/lotw/>> once TX5C's official log has been certified. *Ref.: The ARRL Letter Vol. 27, No. 9*

### **SOLAR UPDATE**

Tad "When the flush of a new-born Sun fell first on Eden's green and gold" Cook, K7RA, this week reports: Following five days of no sunspots, we saw one (number 984) on March 5 and 6, but it is fading off the west limb of the Earth-facing portion of the Sun. *Ref.: The ARRL Letter Vol. 27, No. 9*

**OPPORTUNITIES 2008**

**MARCH**

**19 Club Meeting** Dennis Kidder wrestles with Time and Wins. Hesse Park, 7:30 p.m.

**APRIL**

**16 Club Meeting** Curt Kaplan of NOAA-- Skywarn and Weather Spotter programs. Hesse Park, 7:30 p.m.

**25-27-International DX Convention-Visalia**

**MAY**

**17-P. V. Marathon;** Contact Denzel Dyer

**21-Club Meeting**

**JUNE**

**14 2:00-5:30 Technician License Class course Part 1** Walt Ordway

**18 Club Meeting - 7:30 - Hesse Park**

**21 10:00-2:00 Technician License Class course Part 2** Walt Ordway

**28-29 - Field Day!** Jeff Wolf

**JULY**

**16 Club Meeting - 7:30 - Hesse Park**

**AUGUST**

**15-17 Lighthouse Weekend**

**17 Club Picnic at the Lighthouse**

**SEPTEMBER**

**OCTOBER**

**NOVEMBER**

**DECEMBER**

**5 - Holiday Party -- Interpretive Center**



The Northern California and Southern California DX Clubs trade off running this international convention held each year in Visalia, California.

The southern California DX Club is hosting the event this year April 25-27, and it is being co-chaired by our very own Mel Hughes, K6SY.

Preregistraton cost is \$80 (until March 23) but of course you'll want the convention polo shirt and maybe extra raffle tickets. Certainly this convention is a most inexpensive way to meet, mingle, and learn from, some of the top DXers in the world.

For more information, go on-line to their site at [www.dxconvention.org](http://www.dxconvention.org). Or, talk with Mel, K6SY, at the next meeting.

Either way, be sure to save the week-end of April 25-27th.

**Need a Club Badge?**

Contact Karen Freeman, KG6BNN  
310-541-6971



**Need a Club Patch? \$5**

**Or How About a Club Jacket?**

To order one, check with one of the Board members at the Club meeting.



See more pictures of the IOTA on the PVARC website at <http://www.palosverdes.com/pvarc/>

# **Amateur Radio Course**

**FCC “Technician” course (entrée level)**

**The course is 2 sessions**

**The 2 sessions are on June 14 & 21**

**2:00 PM to 5:30 PM on June 14**

**10:00 AM to 2:00 PM on June 21**

**The Date for the FCC test will be provided on June 14**

**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 \$14 -**

## **Optional Material**

- Study book with FCC test questions, \$15 -**
- Copy of my Power Point charts, \$10 -**

**Students (thru grade 12) who take this course and get their license  
will be reimbursed up to \$40 by  
The Palos Verdes Amateur Radio Club**

**For more information contact  
Walt, K1DFO, at [walt.ordway@yahoo.com](mailto:walt.ordway@yahoo.com)**



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

**New Membership Application and Member Renewal Form**

New: \_\_\_\_\_ or Renewal: \_\_\_\_\_ Membership Date: \_\_\_\_\_

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

(Applying) Member Information: **Member Renewal same as Last Year? YES\_\_NO\_\_**

Last Name: \_\_\_\_\_ First Name: \_\_\_\_\_ Spouse: \_\_\_\_\_

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ Zip: \_\_\_\_\_

Home Phone: \_\_\_\_\_ Work Phone: \_\_\_\_\_

Email address: \_\_\_\_\_  
*(Unless otherwise noted emails will be sent to the applying member only)*

License Call: \_\_\_\_\_ License Class: \_\_\_\_\_ ARRL Member? \_\_\_\_\_

Member of: DCS/RACES/ARES/PVAN \_\_\_\_\_ District \_\_\_\_\_ Unit ID # \_\_\_\_\_

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

Name \_\_\_\_\_ Call Sign \_\_\_\_\_ Class \_\_\_\_\_ ARRL \_\_\_\_\_

Name \_\_\_\_\_ Call Sign \_\_\_\_\_ Class \_\_\_\_\_ ARRL \_\_\_\_\_

Name \_\_\_\_\_ Call Sign \_\_\_\_\_ Class \_\_\_\_\_ ARRL \_\_\_\_\_

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

Dues are based on the January 1<sup>st</sup> to December 31<sup>st</sup> calendar year.