

# Palos Verdes Amateur Radio Club



# K6PV



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

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## 5JOBV --San Andreas (Island) and 6 Meters

Dennis Motschenbacher, K7BV



Most of you have met Dennis Motschenbacher, K7BV through his position with Yaesu as the amiable Vice President for Amateur Radio Sales.

He earned his Novice licence in 1962 and immediately became a devoted fan of DX and contesting. His travels have included a couple of tours of duty in Vietnam with the U.S. Navy and then DXpedition operations from over 40 countries along with visits to 20 others.

As he says, “My richest childhood daydreams centered on visiting exotic places far away and running pileups for days. Pileups of great ops that allow me to run high-rate CW and Phone are my lifeblood.”

His latest journey led him to the Columbian Island of San Andres, (HK0/A) as 5JOBV, a 6-meter-only operation. It’s his stories from this journey that he’ll talk about at our meeting.

“There are many many operators more talented than I will ever be... BUT probably few who love the hobby more than I do!”

With that passion this should be a lively presentation! Don’t miss it.





# The President Paces Himself

Joe Pace, NZ6L

Page 2

Field day 2010 was a great success this year thanks to our organizers and participants: Jeff Wolf, K6JW, Dan, W6DC; Chuck McCown, K6CTM; Ginger, KG6TAU; Dale, N6NNW; Mel, K6SY; Doris, K6KSY; Rocco, N6KN; Bob, W6HIP; Bob, AB6SY; Daniel, KJ6FKS; Bill, KG6WVF; Diana, AI6DF, John, WW6WW, Curtis, AE6CJ; Chris, KA6WNK,; Paige, KI6MAH; Walt, K1DFO; Bill, KB6FB; Sid, KF6QFH, Fran, KF6QFG; Don, KJ6DWF; Isaac, KI6FXM; Gerald, K6MRB, and anyone I have failed to mention who operated the stations and donated their time and materials to make this a great weekend for amateur radio in Palos Verdes.



This year presented us with several challenges, including construction at Peninsula High in the area we normally operate within and sharing space with the American Cancer Society's Relay for Life on the athletic field. But, being a believer in that whatever doesn't kill you makes you stronger, this was a great opportunity for us to work together as a team and adapt to the situation at hand.

And K6PV adapted very well – we worked 731 stations on phone and 834 on CW, gained 670 bonus points, and learned something about Zen and the art of generator maintenance. See Jeff Wolf, K6JW's article in this QRO for the rest of the story!

Very special thanks to everyone who donated to the SP-1 fund for maintenance on the portable tower we use every field day for the CW station. Last year, your contributions made it possible to replace the tires, install new, marine grade combination locks, safety chains and security cables and straps. And this year, your donations enabled us to replace both winches and the tilt-up cable assembly.

For next year, we're planning to replace the tower cables and perform some needed modifications to the jack so that it's easier for one person to handle hitching operations. If you have a couple of bucks burning a hole in your pocket, please consider contributing to the SP-1 fund with your membership renewal this December.

The Rolling Hills "The Hills Are Alive" 5K/10K Run on the horse trails of Rolling Hills Estates is approaching – Saturday, August 14<sup>th</sup>. Please contact Walt Ordway, K1DFO if you would like to participate.



Our next main event is coming up in August: International Lighthouse Weekend, where K6PV operates from the Pt. Vicente Lighthouse followed by our annual picnic on the grounds over the weekend of August 20<sup>th</sup>-22<sup>nd</sup>. This year, we're planning to operate jointly with the US Coast Guard Auxiliary under the special event call K6A.

Lighthouse weekend is not a high-pressure contest, but a very relaxing special event, where operators throughout the world make contacts with lighthouses like ours, and we have a unique opportunity to talk with people in faraway places at other lighthouses and elsewhere. This is a truly enjoyable experience, and I hope that you are available to operate the station. We run from Friday evening until Sunday morning. If you are operating at night, maybe you will catch a glimpse of the Lady of the Light.

We'll have sign-up sheets at our next general meeting on July 21<sup>st</sup> for the picnic pot-luck. Please consider what tasty delectables you might like to bring!

73,  
Joe

## Upcoming Event



<http://www.sandarc.net/Convention2010/links.htm>

ARRL Southwestern Division Convention 2010  
San Diego  
September 17th - 19th

## Treasurer's Report

Diana Feinberg, AI6DF  
July 2010

PVARC Balance	\$2,670.41
John Alexander Fund:	\$1,043.00
Repeater Fund:	\$1,143.66
Special Fund	\$ 17.02
Total Bank Balance	<u>\$4,857.07</u>

Membership 2009	127
PVARC currently has members	130
ARRL members are	76

**CLUB NET:** On any given Tuesday @ 19:30 is the PVARC Net on the K6PV repeater 447.120(-)100.0. In West PV, on cross-band 145.710 (simplex) 71.9.

**CW NET:** This is followed by an informal CW Club net on 14.145 MHZ. For more information on the CW net, contact Dan Colburn W6DC or Homer Meek K6HKT or just meet them on the frequency.

PALOS VERDES ARC  
KG6BNN  
KAREN FREEMAN

## Need a Club Badge?

Karen Freeman,  
KG6BNN  
310-541-6971



## Need a Club Patch? Or a Club Jacket?

Dave Scholler, KG6BPH



## Board of Directors

President	Joe Pace, NZ6L
Vice President	Hal Lazar KI6SPB
Treasurer	Diana Feinberg, AI6DF
Secretary	Chuck McCown, K6CTM
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
QRO Proofreader	Rick Murray, K6WXA
Web Page Editor	John Freeman, WW6WW
Club Librarian	Bryant Winchell, W2RGG
VE Coordinator	Dave Scholler, KG6BPH
VE Liason	Diana Feinberg, AI6DF
LAACARC Rep	Joe Locascio, K5KT

## Contacts

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



## Field Day 2010: The Stuff of Legend

Jeff Wolf, K6JW



Another Field Day has come and gone and, although our little band of intrepid operators and support staff ultimately triumphed, this year's event was not without more than its share of tweaks by Murphy. To wit:

- A simultaneous 24 hour event sponsored by the American Cancer Society on the athletic field and approved by the PV Unified School District..
- Major access woes requiring relocation of the CW and VHF/UHF stations due to active construction onsite, and relocation of the SSB station due to noise pollution from the ACS event.
- Parking lot disruption due to the onsite construction.
- Almost burning down the high school

All this adversity turned this Field Day into an exercise that did require some innovative thinking as well as a visit from the fire department, and although moving to another site was one way we might have proactively dealt with the issue, a group decision was made to stick with the high school and make the best of it.

Although the SSB station tent had to be relocated to avoid noise pollution from the loud and occasionally raucous sounds of the ACS Relay for Life event, it was the least affected of our stations, being set up much as it has for many years. CW and VHF/UHF, however, had to be relocated to areas roughly south and a bit west of the athletic field, on a paved extension of the parking lot and near the grass border of the south softball fields. Fortunately, there were no softball games scheduled for the weekend!

Initial numbers were as follows:

- SSB contacts: 731 (includes HF and VHF/UHF)
- CW contacts: 834
- Grand total of contacts: 1565
- Total contact points: 2399
- Power multiplier (x2) adjusted points: 4798
- Claimed bonus points: 670
- Total contact plus estimated bonus points: **5468**
- 2009 total points by comparison: 3930

Clearly, this year's performance was markedly better than last year's. This can be attributed primarily to two factors: better band conditions and the return of Rocco, N6KN to a full CW operating roll this year.

Thanks to all of the following folks who participated in, contributed effort to, or just visited the event: Dan, W6DC; Chuck McCown, K6CTM; Ginger, KG6TAU; Dale, N6NNW; Mel, K6SY; Doris, K6KSY; Rocco, N6KN; Bob, W6HIP; Bob, AB6SY; Daniel, KJ6FKS; Bill, KG6WVF; Diana, AI6DF,



John, WW6WW, Curtis, AE6CJ; Chris, KA6WNK,; Paige, KI6MAH; Walt, K1DFO; Joe, NZ6L; Bill, KB6FB; Sid, KF6QFH, Fran, KF6QFG; Don, KJ6DWF; Isaac, KI6FXM; Bill, K6MRB; and Jeff, K6JW. Thanks also to Cynthia Gonyea, KJ6GPG, a member of the N.W. San Pedro City Council, who visited on Sunday morning and allowed us to claim the “government official” 100 point bonus (and thanks, Cynthia, for buying my FT-857D). Finally, thanks also to Dick Norton, N6AA, and to David Greenhut, N6HD, our local ARRL representatives, for their official visits to our event. If your name hasn’t been included in this listing, it’s because you probably didn’t sign one of the station sign-up sheets, and we apologize for failing to include you.

Rankings for all FD participants submitting event entry data will be published in the December issue of QST. Be sure to check out how we did compared to everyone else when the issue arrives in your mailbox.

The real excitement at Field Day this year, and what will now become a Palos Verdes Amateur Radio Club legend, was an event that occurred on graveyard shift. For those of you who may know the hilarious James Thurber story, “The Night the Bed Fell”, what happened may ring some bells.



It all started innocently enough around 3 AM, when the SSB guys decided to refuel the generator, a unit generously supplied by one of our club members for Field Day every year. Instead of closing the log program and shutting down the computer, the guys just unplugged it, thinking the internal battery in the laptop would allow continuous operation during the operating downtime. Apparently, however, the computer’s internal battery was incapable of holding a charge, and so the computer crashed. Upon bringing it back up, the logging program wouldn’t run properly. Some tweaking did bring it up, but it kept giving error messages and wouldn’t take new contact entries. This turned out to be related to an administrator password/account problem and, once this was resolved, all was well again. Until the generator suddenly conked out, that is.

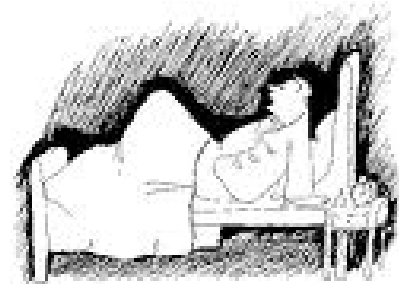
This, it soon became apparent, was because the generator was out of oil, which it shouldn’t have been because it had just been serviced the week prior to FD. The generator’s owner had gone home to sleep, so a call was made to him and, obviously, he suggested refilling the generator with oil. This was done and the generator restarted. Again, the logging program wouldn’t run properly, but this was quickly remedied when it was remembered that the administrator password had to be entered to boot into the proper account to run the program. All was well for a few minutes until smoke began pouring out of the generator. It was urgently shut down and the generator’s owner was again called. He arrived on the scene in minutes.



In the meantime, it had been noted that smoke was now wafting out from under the building next to the generator. Fearing that the smoking generator had somehow set the building on fire, one of the guys called the fire department. Within minutes, two trucks and a hook and ladder arrived, lights flashing and sirens wailing. The local sheriff’s department also responded to the crisis, arriving a bit later to

the scene of the feared conflagration. Upon closer investigation, however, it became obvious that there really was no fire. What had happened was simply that the generator had been overfilled with oil, which led to the smoking, and the smoke had entered the air space under the building through a ground level vent. When the generator was shut down, smoke flow reversed through the same building vent it had entered, making it appear that the building was about to go up in flames. No fire; no problem.

The fire department and Sheriff's Deputies eventually left, the high school was "saved", and our intrepid SSBers went back to scoring contacts. Thus, in truest Thurberesque manner, this was the night the bed fell, er, the high school burned down, and a new club legend was instantly born.



### Elmers?—It's All of Us

*As most of you know, the term "Elmer" first appeared in QST, March, 1971, in the "How's DX" column by Rod Newkirk, W9BRD. He said "Too frequently one hears this sad story: 'Oh, I almost got a ticket, too, but Elmer, W9XYZ, moved away and I kind of lost interest.' Newkirk went on to say, "We need those Elmers....."*

### Ray's Really Nice Elmering-Offer

If anybody's interested in learning about the basics of message traffic handling and traffic net operation, please contact me, Ray, N6HE 310-541-7557 rayday@cox.net .

It's a skill that can be quickly learned, and is, I feel, part of every ham's responsibility to his hobby and community - being able to step in when the stuff hits the fan and help facilitate the handling of radio messages, typically health-and-welfare messages.

Can't hurt to have a skill that might help somebody someday. Why not? Contact me if you're interested...thanks!

### Who's Who? Find an Elmer

Back in 2006, we had a column listing various club members who were willing to Elmer other members. Since it's been awhile, the people may have changed. Here's a list of the people who have mentioned in some form that they'd love to actively Elmer. If you'd like to be on this list, send me an email!

Antennas  
CW

Bill Harper, WA6ESC  
Homer Meek, K6HKT,  
Dan Coleburn, W6DC

Education/Classes  
Message Traffic

Walt Orway, K1DFO  
Ray Day, N6HE



## Thanks to All Who Worked the 2010 Palos Verdes Marathon for PVARC

Diana Feinberg, AI6DF

*This ran last month without the list of people to be thanked.*

*Here's Diana's message in its entirety:*

We would like to thank the following PVARC members and two friends from Loyola Marymount for providing amateur radio communications and other support during the 2010 Palos Verdes Marathon on May 15<sup>th</sup>.

*2010 Marathon Operators from PVARC:*

Steve Collins, KI6TEQ, Aid 4  
 Melody Colbert, KI6SPA, Finish/EMS  
 Matt Cruse, N6MDC, Net Control  
 Lora Dodell, KF6JLF, Aid 8  
 Marty Dodell, KF6VSY, Aid 6  
 Diana Feinberg, AI6DF, Net Control  
 Dale Hanks, N6NNW, Standby at Net Control  
 Bill Harper, WA6ESC, Aid 9 and 440 cross-band operator (Lunada Bay)  
 Walt Lang, KJ6CAS, PVE Turn (Paseo del Mar)

Joe Locascio, K5KT, Aid 5  
 Marian Locascio, K5KKT, Aid 5  
 Chuck McCown, K6CTM, Relief Operator  
 Homer Meek, K6HKT, Aid 3  
 Paige Omoto, KI6MAH, Aid 5  
 Walt Ordway, K1DFO, Aid 7 and street traffic control at the Terranea  
 Joe Pace, NZ6L, Aid 1 and 440 cross-band operator (San Pedro)  
 Bill Pomeranz, KB6FB, Aid 2  
 Mike Semos, N6DBS, Aid 10  
 Sid Wielin, KF6QFH, Race Director Shadow  
 Bryant Winchell, W2RGG, PVE P.D. Command Post

*From Loyola Marymount University:*

John Beckwith, N6JCB, Rover 1 (Motorcycle), east of slide area  
 Jim Keene, WA0FMB, Rover 2 (SUV), west of slide area



## A Final Field Day Request

Jeff Wolf, K6JW

As many of you know, I've been trying for several years to find someone else to chair Field Day for the club. Having done it both formally and by default for something like 17 out of the event's past 21 years, I have felt for some time that I should step back in favor of fresh leadership that might just introduce some new thinking to revitalize the Club's annual effort.

My attempts to entice someone to take over from me have not met with success, however, and so I have decided to announce now, well in advance, that it is my intention for next year to serve as a participant and contributor to the event but *under someone else's leadership*.

I do hope a club member will step forward to accept the job, and I pledge to support and assist that person to whatever extent is necessary to make next year's event a success. I wish to be clear, however, that if this important PVARC activity is to continue into the future, someone (or several someones) must take over and give me a break.

73 es gud DX,  
 Jeff, K6JW

## Solar 'Current of Fire' Speeds Up

Science@NASA

Submitted by Brent Lee Cameron, N9NJS

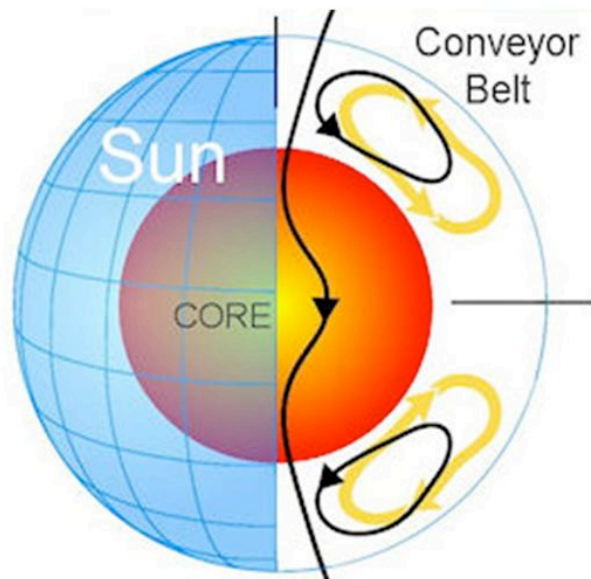
**March 12, 2010:** What in the world is the sun up to now?

In today's issue of *Science*, NASA solar physicist David Hathaway reports that the top of the sun's Great Conveyor Belt has been running at record-high speeds for the past five years.

"I believe this could explain the unusually deep solar minimum we've been experiencing," says Hathaway. "The high speed of the conveyor belt challenges existing models of the solar cycle and it has forced us back to the drawing board for new ideas."

The Great Conveyor Belt is a massive circulating current of fire (hot plasma) within the sun. It has two branches, north and south, each taking about 40 years to complete one circuit. Researchers believe the turning of the belt controls the sunspot cycle.

**Below:** An artist's concept of the sun's Great Conveyor Belt.



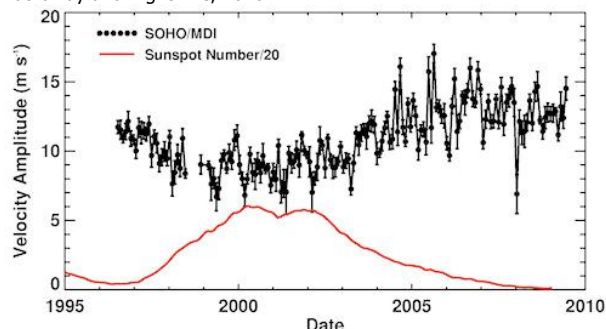
Hathaway has been monitoring the conveyor belt using data from the Solar and Heliospheric Observatory (SOHO). The top of the belt skims the surface of the sun, sweeping up knots of solar magnetism and carrying them toward the poles. SOHO is able to track those knots—Hathaway calls them "magnetic elements"—and thus reveal the speed of the underlying flow.

"It's a little like measuring the speed of a river on Earth by clocking the leaves and twigs floating downstream," Hathaway explains.

SOHO's dataset extends all the way back to 1996 and spans a complete solar cycle. Last year, Lisa Rightmire, a student of Hathaway from the University of Memphis, spent the entire summer measuring magnetic elements. When she plotted their speeds vs. time, she noticed how fast the conveyor belt has been going.

A note about "fast": The Great Conveyor Belt is one of the biggest things in the whole solar system and by human standards it moves with massive slowness. "Fast" in this context means 10 to 15 meters per second (20 to 30 miles per hour). A good bicyclist could easily keep up.

**Below:** The velocity of the Great Conveyor Belt (a.k.a. "meridional flow") since 1996. Note the higher speeds after ~2004. credit: Hathaway and Rightmire, 2010.



The speed-up was surprising on two levels.

First, it coincided with the deepest solar minimum in nearly 100 years, contradicting models that say a fast-moving belt should boost sunspot production. The basic idea is that the belt sweeps up magnetic fields from the sun's surface and drags them down to the sun's inner dynamo. There the fields are amplified to form the underpinnings of new sunspots. A fast-moving belt should accelerate this process.

So where have all the sunspots been? The solar minimum of 2008-2009 was unusually deep and now the sun appears to be on the verge of a weak solar cycle. Instead of boosting sunspots, Hathaway believes that a fast-moving Conveyor Belt can instead suppress them "by counteracting magnetic diffusion at the sun's equator." He describes the process in detail in *Science* ("Variations in the Sun's Meridional Flow over a Solar Cycle," 12 March 2010, v327, 1350-1352).

The second surprise has to do with the bottom of the Conveyor Belt.

SOHO can only clock the motions of the visible top layer. The bottom is hidden by ~200,000 kilometers of overlying plasma. Nevertheless, an estimate of its speed can be made by tracking sunspots.

"Sunspots are supposedly rooted to the bottom of the belt," says Hathaway. "So the motion of sunspots tells us how fast the belt is moving down there."

He's done that—plotted sunspot speeds vs. time since 1996—and the results don't make sense. "While the top of the conveyor belt has been moving at record-high speed, the bottom seems to be moving at record-low speed. Another contradiction."

Could it be that sunspots are not rooted to the bottom of the Conveyor Belt, after all? "That's one possibility" he



notes. "Sunspots could be moving because of dynamo waves or some other phenomenon not directly linked to the belt."



**Above:** An artist's concept of the Solar Dynamics Observatory (SDO). Launched in Feb. 2010, SDO will be able to look inside the sun to study the conveyor belt in greater detail, perhaps solving the mysteries Hathaway and Rightmire have uncovered.

What researchers really need is a good look deep inside the sun. NASA's Solar Dynamics Observatory, launched in February 2010, will provide that when its instruments come online later this year. SDO is able to map the sun's interior using a technique called helioseismology. SOHO can do the same thing, but not well enough to trace the Great Conveyor Belt all the way around. SDO's advanced sensors might reveal the complete circuit.

And then...? "It could be the missing piece we need to forecast the whole solar cycle," says Hathaway. Stay tuned for that.

The preceding article was taken from the April 2010, *Podunk Hollow News*, the official Newsletter of the Egyptian Radio Club, Inc. in Illinois. They have some great articles from Science@NASA. You can find them at [www.w9aiu.org](http://www.w9aiu.org).

## Upcoming Events



## Islands on the Air-Two Harbors



## Lighthouse Weekend

July 2010						
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

August 2010						
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				

September 2010						
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		

October 2010						
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						

November 2010						
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				

December 2010						
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	

Schedule of Events	
July 21 <sup>st</sup>	– General Meeting
August 14 <sup>th</sup>	– RHE 5K/10K Run/5K Walk
August 20 <sup>th</sup> -22 <sup>nd</sup>	– Lighthouse Weekend
August 22 <sup>nd</sup>	– Summer Picnic at Pt. Vicente
September 15 <sup>th</sup>	– General Meeting
September 18-19 <sup>th</sup>	– Concours d'Elegance
October 20 <sup>th</sup>	– General Meeting
November 17 <sup>th</sup>	– General Meeting
December 15 <sup>nd</sup>	– Holiday Dinner @ PVIC

# Club Business



## The Red Onion

Join other Club members, and the evening's speaker, for dinner at the Red Onion before our meetings each month.

We have the back room and we meet there at 5:30. Plenty of time to chat, eat, and get to Hesse Park by 7:30. We had a pretty good turnout for the first ones and there's plenty of room for more.

Since the Red Onion doesn't give separate tabs, sometimes it's a little difficult to figure the individual costs. On this page, you'll find a handy chart created by Jeff Wolf, computing food, tax and tip, so you'll know just what you owe.

The Red Onion is at 736 Silver Spur Road, RHE. (310-377-5660). Hope to see you there.

## PVARC Dinner Bill Table

<b>PVARC DINNER BILL TABLE</b>				
<b>Food +/- Drink</b>	<b>9.75% Tax</b>	<b>18% Tip</b>	<b>Total</b>	<b>You Pay</b>
\$10.00	\$0.98	\$1.80	\$12.78	<b>\$13.00</b>
\$11.00	\$1.07	\$1.98	\$14.05	<b>\$14.00</b>
\$12.00	\$1.17	\$2.16	\$15.33	<b>\$15.00</b>
\$13.00	\$1.27	\$2.34	\$16.61	<b>\$17.00</b>
\$14.00	\$1.37	\$2.52	\$17.89	<b>\$18.00</b>
\$15.00	\$1.46	\$2.70	\$19.16	<b>\$19.00</b>
\$16.00	\$1.56	\$2.88	\$20.44	<b>\$20.00</b>
\$17.00	\$1.66	\$3.06	\$21.72	<b>\$22.00</b>
\$18.00	\$1.76	\$3.24	\$23.00	<b>\$23.00</b>
\$19.00	\$1.85	\$3.42	\$24.27	<b>\$24.00</b>
\$20.00	\$1.95	\$3.60	\$25.55	<b>\$26.00</b>
\$21.00	\$2.05	\$3.78	\$26.83	<b>\$27.00</b>
\$22.00	\$2.15	\$3.96	\$28.11	<b>\$28.00</b>
\$23.00	\$2.24	\$4.14	\$29.38	<b>\$29.00</b>
\$24.00	\$2.34	\$4.32	\$30.66	<b>\$31.00</b>
\$25.00	\$2.44	\$4.50	\$31.94	<b>\$32.00</b>
\$26.00	\$2.54	\$4.68	\$33.22	<b>\$33.00</b>
\$27.00	\$2.63	\$4.86	\$34.49	<b>\$34.00</b>
\$28.00	\$2.73	\$5.04	\$35.77	<b>\$36.00</b>
\$29.00	\$2.83	\$5.22	\$37.05	<b>\$37.00</b>
\$30.00	\$2.93	\$5.40	\$38.33	<b>\$38.00</b>
\$31.00	\$3.02	\$5.58	\$39.60	<b>\$40.00</b>
\$32.00	\$3.12	\$5.76	\$40.88	<b>\$41.00</b>
\$33.00	\$3.22	\$5.94	\$42.16	<b>\$42.00</b>
\$34.00	\$3.32	\$6.12	\$43.44	<b>\$43.00</b>
\$35.00	\$3.41	\$6.30	\$44.71	<b>\$45.00</b>

The Constitution only gives people the right to pursue happiness. You have to catch it yourself.

*Benjamin Franklin*

"The power of accurate observation is frequently called cynicism by those who don't have it." -

*George Bernard Shaw*

Ignorance is the Mother of Adventure!

*Hagar the Horrible*

Don't let what you cannot do interfere with what you can do.

*John Wooden*

### Got Time On Your Hands?

This from Steven Barryte--a website showing how you can make antennas from household objects. A New Zealand website:

<http://www.usbwifi.orconhosting.net.nz/>





**Did you go to the HAMCON in Torrance in 2007?  
Did you wonder where the PVARC booth was?  
Well now's our opportunity to be there!**

Next year's Southwestern division HAMCON will be held in Torrance in 2011. at the Marriott Hotel in Torrance.

This is our opportunity to contribute towards making this a great success, to help further public awareness of amateur radio, and, what the heck, to let everyone know what a great club PVARC really is! At this month's meeting, we'll be discussing opportunities to help out. Please put your thinking caps on! In addition to hosting a booth, we can help organize a ladies program, or maybe figure additional technical sessions, or even be part of the mysterious, legendary Wouff-Hong ceremony. Bring your ideas to the meeting and (ahem) volunteer!



**Yaesu FT-1802M/E 2 Meter (VHF) (only) FM Transceiver.**

This unit is BRAND NEW in it's original box, complete with all the things that come with the Radio as it would off the shelf.

It has selectable Power level up to 50 Watts output; Expanded Receive - 136 - 174 MHz; 221 Memories; 10 NOAA Weather Broadcast Channels; built-in CTCSS & DCS Encoder/Decoder functions; Smart Search (TM) function; among other useful things. It is 5.4" x 1.6 x 5.7" and weighs 2.6#.

I would like \$150 for this Brand New, late technology unit.

I also have a USED but very nice **Yaesu FT 8100R Dual Band (VHF/UHF) unit.** Call or email for details.

Joe, K5KT, 310 541-5495 and/or K5KT@arrl.net



*This is only a partial list of what Bob, W6ODI, has for sale. If you're looking for something, ask him:*

2-Motorola Radios SP 10 with chargers

2-Columbia FSR radios with chargers

1-Heathkit RCL bridge, Model 1B5281

1-Yaesu 355 counter to 200 MHZ

1-Gertch Mod FMB Frequency Standard

2-15-watt trumpet speakers

1-20-watt horn speaker

1-Philmore PA amp = 15 watt

And for the builder: A number of the following: Video switches, transducers, capacitors, transformers, resistors, rectifiers, connetors, diodes, bulbs, connectors, and misc.

Contact Bob, W6ODI 310-541-2363



FOR SALE

West Mountain Radio RIGblaster M8: This is an interface that goes between your HF radio and your computer. It allows you to run voice and digital (PSK-31, RTTY, etc.) modes without having to plug and unplug cables from your radio. Includes interface, cable to connect unit to an 8 pin mic connector on your radio (other adapter cables are readily available if your radio uses another type of mic connector), manual, and power cable. You supply a serial cable or a serial-to-USB converter cable (whichever you need for your setup) and a couple of 1/8" mono or stereo connector patch cables. Price: \$50 (was \$100 new). Call Jeff, K6JW at 310-373-5970.

## Two Amateur Radio Courses

FCC "Technician" course (entrée level)  
FCC "General" course (2<sup>nd</sup> level)

Each course is 2 sessions-- July 24 AND July 31

Technician 10:00 AM to 2:00 p.m. both Saturdays

General 2:15 PM to 5:00 p.m. both Saturdays

FCC tests will be 10 a.m. to Noon on Aug 7

Hesse Park, 29301 Hawthorne Blvd. Rancho Palos Verdes

No pre-registration required, No fee for either course -

But taking the FCC Test is \$15 -

Optional Material

- Gordon West book with FCC test questions:

\$21 for Technician and \$23 for General

- Copy of my Power Point charts, \$15 -

Students (thru grade 12) who take this course and get their license will be reimbursed up to \$50 by the Palos Verdes Amateur Radio Club

For more information contact

Walt, K1DFO, at [walt.ordway@yahoo.com](mailto:walt.ordway@yahoo.com)



This Page And The Next Are Courtesy of Mel Hughes, K6SY- Thanks Mel!

2010 ARRL Southwestern Division
Amateur Radio Convention
September 17, 18 & 19
San Diego, California



Page 17

Four Points, By Sheraton Hotel San Diego
8110 Aero Drive, San Diego CA 92123 Phone: (858) 277-8888
http://www.sandarc.org/

Registration Form

Please list additional Attendees - ALL ATTENDEES MUST BE REGISTERED
No charge for Children 16 or under when Accompanied by a Registered Adult

How did you find out about the Convention?

Radio Web search Ham Club News Paper Other

Call Sign: Last Name: First Name:

Address: City

State: Zip Code: E-mail:

Kids / Adults Call Sign Name (please print)

Table with 3 columns: Item, Price, and Total. Items include Early Bird Dated before May 31, 2010 (\$15.00), Convention Pins Included (\$18.00), At Door Registration (\$20.00), DX Breakfast (\$23.00), Banquet Tickets Dinner (\$43.00), Convention Lunch (\$25.00), 2010 Convention Pins (\$5.00), 2006 Convention Pins (\$3.00), 2002 Convention Pins (\$3.00), and QSL Card Checking.

SANDARC Convention
C/O R. Boehme W2IRI
10340 Everell Pl.
Santee, CA 92071

Web Form ver 1.03

Staff Use Only
Registration Date
Amount
Check #
# Pins given
Receipt Signed up
Other
Other

# Amateur Radio Antenna Defense Foundation

## What is ARADF?

ARADF is a California corporation that has been approved by the Internal Revenue Service as a public charity under Section 501(c)(3) of the Internal Revenue Code.

## What is the purpose of the Foundation?

ARADF was formed to encourage the retention and expansion of approved Amateur Radio antenna installations by helping fund litigation by Amateurs against local jurisdictions that fail to comply with federal and state antenna preemption statutes

## Where will the money to do this come from?

Funding for ARADF's activities will come from donations (generally tax-deductible) by Radio Amateurs and by friends of Amateur Radio, both individual and corporate.

## Who runs the Foundation?

ARADF is run by a Board of Directors whose members include:

Marty Woll N6VI, Leonard Shaffer WA6QHD, Art Goddard W6XD and Gayle Olson K6GO. All directors of the Foundation serve without compensation.

## How will ARADF support help Amateurs in antenna-unfriendly cities?

Even in these days of shrinking municipal budgets, most cities, with attorneys on staff, can run up the time and cost for any Amateur seeking judicial relief from oppressive local antenna regulations. By providing financial support for lawsuits, ARADF can help level the financial imbalance that usually works in the city's favor. If one Amateur in a jurisdiction is successful, it is more likely that others in the same community won't have to resort to the courts in order to get reasonable accommodation and that noncompliant codes and ordinances will be amended.

## Will contributions be earmarked for specific cases?

In order to preserve the deductible nature of contributions, all amounts received will be kept in a general fund. This also provides the most flexibility in selecting cases to be supported and deciding on the extent of that support.

**Questions?** E-mail us at [ARADF@SOCAL.RR.COM](mailto:ARADF@SOCAL.RR.COM) or speak with any of our directors.

**Add to our "war chest"!** Make a contribution to ARADF. Simply fill in the form below and send it with your check to **ARADF, P.O. Box 5434, Chatsworth, CA 91313-5434**

Enclosed is my check for \$ \_\_\_\_\_ payable to Amateur Radio Antenna Defense Foundation

Name \_\_\_\_\_ Callsign \_\_\_\_\_ or Company \_\_\_\_\_

Mailing address \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

If you would like to receive updates on ARADF activities, please print your e-mail address below

E-mail: \_\_\_\_\_