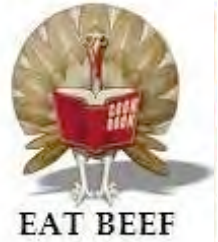


Palos Verdes Amateur Radio Club



K6PV



PVARC Meets the 3rd Wednesday at 7:30 Hesse Park, 29310 Hawthorne Blvd, Rancho Palos Verdes, Ca

3D TV[®]

3D TV is the subject of our November meeting and who better to tell us about it than our resident expert Walt Ordway K1DFO.



Walt says, "You would probably expect that I will tell you which 3D TV's are the best and which ones to buy. Unfortunately not!!! According to Walt, there are lots of "issues" that still need to be solved in the 3D TV industry and the many parts of the 3D TV consumer industry are still struggling to sort it all out.

So, he'll give us a simple overview of 3D TV, (like whether you're going to need special glasses) and then he'll give us a brief picture of some of these issues.

However, one thing we can be confident of, is that Walt will be telling us about it in 3 dimensions unless he figures out how to access another dimension before then.



Visit Our Web Site

K6PV

www.palosverdes.com/pvarc



The President Paces Himself

Joe Pace, NZ6L

***“Heart of that which has no ears, but hears;
No eyes, but sees; no nose, but knows...
Tube V or not Tube V- that is the question!”***

And Varian Master Tubes were the answer. But, not until this pivotal technology had been rediscovered by Heinrich Hertz in the late 1800’s after having been apparently lost for centuries.

My history courses never mentioned that surveillance radar was deftly used by Sir Francis Drake in the defeat of the Spanish Armada or that the Vikings were saved by it numerous times in their adventurous travels. Not until discovering the many beautifully restored historical documents published by the Varian Corporation (<http://www.radomes.org/museum/> - Ancient Radar), who also happened, as it were, to manufacture the sorts of magnetron tubes that make these radars work so darn well, did this all come to light.



We have one of the more recent ancestors of these early radars in RPV on the top of San Pedro Hill. Rather than bamboo and sisal rope, this unit is made of tubes, magnetrons, amplifiers, transformers, waveguides, miles of control cable and wire wrapped circuit boards; an Air Route Surveillance Radar Type 1E developed by Raytheon Corporation that has been in continuous service by the FAA since its installation in 1959. I recently had the opportunity to visit it with one of the FAA engineers that has taken care of its operation for more than 30 years – it’s a beautiful machine.

This is a primary radar facility for high-altitude (en-route) air traffic control, with a range of 200 miles. Coupled with this system, using a separate receiving antenna mounted to the top of the primary radar is the beacon interrogator system (ATCBI-6), which actively communicates with aircraft to receive their squawk (identification) codes, pressure altitude, and send tactical telemetry back to aid sufficiently equipped aircraft with collision avoidance information (for their tactical collision avoidance systems, called TCAS). The primary radar emits about 350 pulses/sec in the 1.3Gz range (2 microsecond pulses) in the neighborhood of 4MW per pulse.

The San Pedro Hill facility is one of 22 in the FAA system using ARSR-1E, though there are about 300 enroute radars in total using several generations of surveillance radars, all feeding into a centralized database and distributed in near real time to air traffic control centers. Presently, the FAA is the sole tenant operating radar at this site – the Air Force facility moved to San Nicholas Island, and their buildings and radome are vacant.

In the bottom photo from the 1970’s you can see a tower in the lower right, which supported an Air Force AN/FPS-27 search radar. The elevator pit is now filled in, but a gigantic log periodic dipole array is in its place, providing FAA long range HF communications. You can see this antenna very well from the gate, and if you’re ever in the area, it’s worth seeing.

Also in this photo, you can see the two large, underground water tanks serving the Palos Verdes Peninsula with potable water. – may these always be full and never fail.

Wishing you a wonderful November,

73,

Joe, NZ6L



Letter From A Club Member

I went to the PVARC (October) meeting, and it was pretty good. As usual, I am reminded why I joined this club - it is the friendliest ham club I've been to. Also well attended & well organized with interesting presentations.

Steve had more than enough material about APRS & GPS. He set up 3 separate radios, 2 mobiles & a ht. He showed some windows APRS software, and explained the technicals of how APRS works. I was hoping to see him send an aprs text message from one to another, but he wanted to get into GPS more, which was actually more interesting than I expected. I learned among other things that there are 24 GPS satellites, 4 each in 6 orbits. Also that the GPS signal is easily jam-able which the military can do on the battlefield.

Steve also brought copious amounts of cable adapters, little aprs circuits, and other gear for show & tell. So he really came prepared and able to show off almost anything he mentioned. Oh, he also brought some CDs containing a bunch of APRS software which he offered for \$5, and must have sold about 7 or so.

Anyway, time well spent. Bill Harper showed off a J-pole antenna a shy club member had made using the plans on our website, and there was much talk about the repeater being back online. Hooray for the repeater being back!

Could you make a mention of the PVARC email discussion group in the newsletter? (*And we should mention that it is the idea of Daniel Yang, K6DPY, editor*) Details are on the PVARC webpage, but a lot of people didn't seem to know about it. I personally found that email group quite helpful because when the repeater was offline (and later moved behind the hill from me for additional repairs) I was pretty much out of touch with the club. But when I asked about it in the email group, I got some helpful answers. Oh, and I only knew the repeater was back in its glory because someone posted a message to the email group as well. Obviously an email group is no substitute for the club repeater, but it is possible that when one is not working, the other might be, as it was in this case. So it is a good thing for people to be linked up to the club that way too.

Best,

Dave Nathanson, KG6ZJO

JOTA at the Boy Scout Camporee

Celebrating the 100 Anniversary of the Boy Scouts

October 16th and 17th, 2010

Curtis Watanabe, KI6KUK



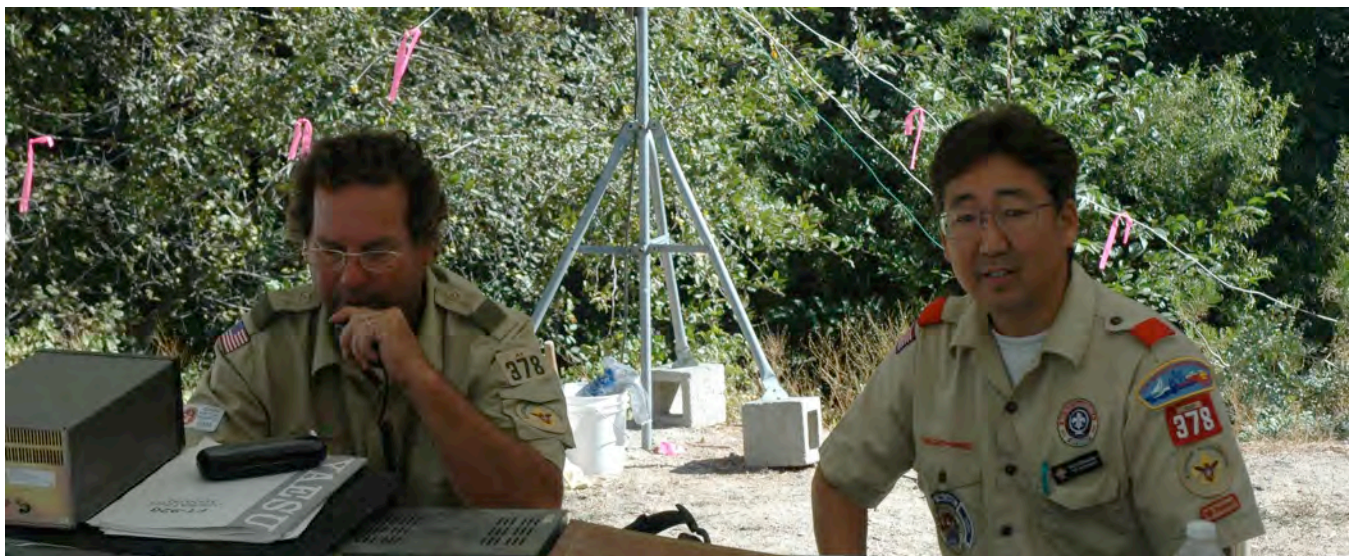
The Boy Scout Camporee in Los Angeles was held at Forest Lawn Scout Reservation in Lake Arrowhead, CA this year on October 15th thru the 17th. Luckily for us, the “All Scout JOTA (Jamboree on the Air)” (www.arrrl.org/jamboree-on-the-air-jota) event also falls on the same weekend.

This year in Scouting also happens to be BSA’s 100 year anniversary and the Camporee theme was titled “An Old Fashioned Camporee”. There were many events planned such as: Dutch Oven cooking competition, First Aid, Knots, and Compass activities, as well as Knife & Tomahawk throwing, and .22 Rifle & Shot Gun shooting.

Since amateur radio hasn’t been that popular in recent years, the Scouts have sort of lost touch with ham radio. This JOTA event is now on its 53rd anniversary, but the Scout Council didn’t really remember that the JOTA event was happening that same weekend.

I have been trying to bring the fun of ham radio back in back into Scouting with such events as the JOTA and with other backpacking and camping outings. We have done the Radio Merit badge and some of our Scouts visited the PVARC’s Field Day station.

This year’s JOTA was special in that it was the BSA’s 100 year anniversary, so I wanted to make sure that we did set up a station for the Scouts. I had help from a couple of other hams; Tom Chesney, K6BUM, and Mark Lidikay, KE6TNM. We had a few different radios and antennas set up, the one that I was using was my trusty Yaesu FT 897 w/auto tuner and Doris’s 20M beam antenna.





This year's turn out, although not really publicized, was a bit better than the JOTA event two years ago. We had approx. 60 boys who participated on Saturday. We were still a sideline, added event and did have some tough competition with the knife throwing and the .22 rifle and shotgun shooting. Nevertheless, that day, a lot of scouts from all over the country talked to each other on the bands. We also made quite a few contacts from all over, two Canadian Scout troops camping in the snow in the Yukon, a Scout troop in Akita, Japan, and one Life Scout in Ipswich, New Hampshire.



Doris Hughes' antenna

On Sunday afternoon after we got back from camp, Mel and Doris Hughes were gracious enough to open up their home and radio shack for my Cub Scouts and even Girl Scouts. We had seven girls, 14 boys and a few adults . . . all in the same room. The other adults were gathered around in the hallway, the guest bedroom, and in the entryway talking with Doris; it was quite a party.

From talking with some of the parents, the Cub Scouts had a lot of fun. And to everyone's surprise even the Girl Scouts had a lot of fun, so much so that they stayed in Mel's shack probably an hour longer than anyone could have expected. We did reach a Coast Guard Cutter Memorial in Washington, which was pretty cool, but the Cub Scout group in Alaska is where the girls had the best time talking with the boys.

73

Curtis Watanabe

KI6KUK



At Mel Hughes shack.



I Just Upgraded from Tech! (Now what...?)

Jeff Wolf, K6JW

You've studied. You've taken the test to upgrade from Tech and passed and, now, you're a General. Or, maybe, even an Extra. But...now what?

Presumably, the reason you upgraded was to become active on the HF bands that wonderful world from 160 through 10 meters. But how do you get started?

The best way to begin is to do a bit of self-assessment, answering some questions as best you can about your goals and objectives. Sure, you won't be able to answer some of them definitively right now, but take a stab at coming up with answers to the questions that follow and, when you're done, you should have enough self-knowledge to make a start on your HF career. And don't forget that you can always hash things out with more experienced club members. They're never short of opinions!

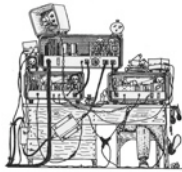
1. What are my goals? There are *so* many possibilities, at least some of which are likely to make the list:
 - What modes do I want to operate? SSB? CW? Digital (RTTY, PSK31 *et al.*)?
 - What bands interest me? Most hams will start with at least four bands: 10, 15, 20, and 40 meters. Don't forget the "WARC" bands (12, 17, 30 meters), though. 17 and 30 meters are especially active and fun, but as we head into another solar maximum 12 is getting active, too. 80 and 160? Well, these do take more effort for the beginner, and



substantially larger antennas.

- What sort of on the air activities would I like to pursue? Do I want to participate in contests? DXing? Casual ragchewing? Chasing awards and collecting the certificates?
 -
2. What are some practical considerations I must take into account?
 - What is my budget for all this, and is it realistic when compared with my initial goals?
 - What specific equipment will I need to reach my goals and, perhaps, how will I have to adjust my wishes to match my budget?
 - What local antenna restrictions and/or permit requirements will I face in my community and, if I need to obtain a permit for my intended structure, what costs will be involved for its issuance?
 - What physical limitations do I have with respect to antenna type and location?
 - How will I deal with station grounding?
 - If I'm going to "run power", i.e., set up a high power station with an amplifier to run substantially more than 200 watts, will I need or want to install a 220 volt line?
 - If I'm going to run high power, is my home electrical service adequate to the proposed power demands. (This is generally not a problem if you're only going to run a "barefoot", i.e., 100-200 watts) transceiver.

- How much future capability do I want to build into my first HF station?
- In other words, is this just going to be a starter effort with the intention of replacement later with more capable equipment, or am I planning on going “whole hog” out of the gate?



As I’ve said, these are just some of the questions you should be asking yourself. Once you have some sense of what you want to do, of what is practical and feasible based upon location and physical characteristics of the station site, and of the budget you’ve got to do it all, you can begin to think about choosing the specific equipment that will meet your needs. And, of course, that’s a whole other subject and where a lot of the real fun begins.

After all, there’s a lot of excitement to be had once all that “stuff” begins to arrive and your shack starts to take shape. Finally, again, don’t forget to tap into the expertise and perspective of experienced club members, folks who’ll be glad to help you answer your questions and choose your gear.

But, enough for now. The bands are heating up and I’ve got to go and chase some DX!



Member in the News

Our very own Bryant Winchell, W2RGG, has been honored by the city of Palos Verdes Estates for his service to the community as founder and chairman of the emergency, Neighborhood Amateur Radio Team (NART).



“Never let the future disturb you. You will meet it if you have to, with the same weapons of reason which today carry you against the present”

Marcus Aurelius.

I discovered that I scream the same way whether I’m about to be devoured by a white shark or if a piece of seaweed touches my foot.

A fool and his money can throw one hell of a party

Giving money and power to government is like giving whiskey and car keys to teenage boys.

P..J. O’Rourke

It’s not whether you win or lose, but how you place the blame.



Editor's Note

This is the end of my five-year run as editor of the QRO and I just wanted to sum up and say goodbye.

In 2005, Bryant Winchell, W2RGG was editing the newsletter and I really wanted to do it. So I offered to help. You know, the old “camel with her nose in the tent” trick. Bryant, who was having eye problems at the time and really didn't enjoy the editing (he says) graciously let me help for four issues and then handed the title of editor right on over.

In 2005 Dave Scholler, KG6BPH, was president, Jeff Wolf, K6JW, Vice President, Bob Landon, W01YX SK, was Treasurer and Rick Murray, K6WXA, was webmaster. Walt Ordway, K1DFO, had given a talk on Cinema of the Future, Jeff was writing about DX, and Bill Harper, WA6ESC, was holding an antenna-measurement exercise. In other words things were pretty much the same as they are now.

Editing the newsletter has been a pure joy for me. I loved fiddling with the layout, and getting articles from club members, And I had a terrific time wandering around the internet stealing ideas from other clubs and finding graphics. One of my favorite stories was about the hams on the raft Kon Tiki. If you haven't read Thor Heyerdahl's book in awhile, I highly recommend it as a great adventure written very well.

I would like to thank the following people for making the QRO work:

Rick Murray who was unfailingly willing to help with layout problems when I got stuck and who found artwork when I couldn't. And who always wrote interesting stuff about and for Lighthouse Weekend when he was in charge of it. He and Bill Harper, WA6ESC, had an interesting series in the QRO called Antenna of the Month, featuring antennas that they built and tested. These can still be found on the PVARC website.

Jeff Wolf, who wrote for the newsletters before I arrived and will probably continue to do so, was reliable and I rarely had to fix anything in his articles—a good writer with interesting stories.

Dan Colburn, W6DC, almost every month emailed and thanked me for doing the QRO. And even though I did the job for the fun of it, I really appreciated his words of appreciation. And thank you also to those of you who occasionally sent messages saying you liked the QRO. Those words meant more to me than I can say.

All the people who wrote occasionally for the QRO like Curtis Watanabe, KI6KUK, sharing his fine work helping scouts to become hams and Mel and Doris Hughes, K6SY & K6KSY, who have always done a lot of work behind the scenes, and Ray Day, N6HE, for his articles and enthusiasm, and Bryant Winchell, W2RGG, for doing the ARRL report for so long, and...hmmm, this is getting long and I'm not done yet. I guess the rest of you are just going to have to know that I send thanks for your contributions and good will.

And finally, thank you very much to the people who read the QRO.
88s, Ginger /KG6TAU

“It's a poor sort of memory that only works backwards,” Lewis Carroll

P. S. I was going to wait until I had a replacement editor but circumstances have scurried me out a little sooner than I meant to go. I've called three people who would make fine editors but they've all said no because of time-constraints. The job isn't as difficult as I made it look. To anyone who wants to give it a try, I'll send you a copy of the newsletter that John WW6WW used to create that has fewer graphics, is very informative, and works just fine.

kg6tau

Quotes and Comments

First and foremost, happy Veterans Day to all you veterans representing all the services
And a happy 235th birthday to the United States Marine Corp!

Just in from K6JW: The Field Day stats are on the ARRL website. I've done the math, and here's how we did:

Total entries in class 2A: 424.

We ranked 50th!

Total entries in class 2A in the ARRL Southwestern Division: 31.

We ranked 5th!

Total entries in class 2A in the LAX Section: 8:

We ranked #1. That's right.

First in our class in LAX!!!

Good for us!

73, JW

“Don't be afraid to take a big step if one is indicated. You can't cross a chasm in two small steps,”

--David L. George

“What luck for rulers that men do not think,”

--Adolf Hitler

When written in Chinese, the word "crisis" is composed of two characters. One represents danger and the other represents opportunity.

--John F. Kennedy

Posterity: you will never know how much it has cost my generation to preserve your freedom. I hope you will make good use of it.

-- John Quincy Adams

“Democracy is two wolves and a sheep deciding what's for dinner.

Liberty is a well-armed lamb contesting the vote,”

--Benjamin Franklin

A free country is one where it is safe to be unpopular

--Adlai Stevenson.

For the truth is that I already know as much about my fate as I need to know. The day will come when I will die. So the only matter of consequence before me is what I will do with my allotted time. I can remain on shore, paralyzed with fear, or I can raise my sails and dip and soar in the breeze.”

Richard Bode

Percussion Maintenance: “The fine art of whacking the heck out of an electronic device to get it to work again”

“A man about to speak the truth should keep one foot in the stirrup” old Mongolian saying

Opportunities

November

November 6 & 13th, Saturdays - Walt Ordway's Tech and General Classes See flyer page 18

November 17, Wednesday General Meeting

November 20, Saturday Radio Amateur's Traffic School presented by Kate Hutton. See flyer page 16.

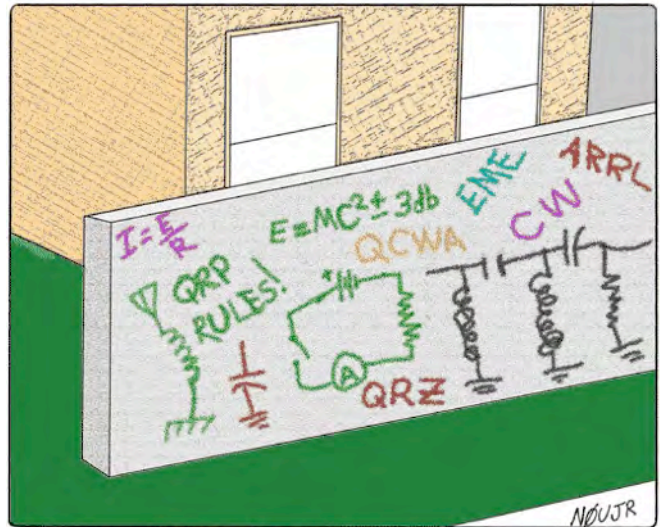
December

December 15, Wednesday--Holiday Dinner--Pt. Vicente Interpretive Center. Happy Hour at 6 p.m., Dinner at 7 p.m. Tickets from the treasurer, AI6DF.

January 2011

January 22, Saturday--Disaster Emergency Communications. Field exercise, How to use five key ICS forms, A review of new SBECS emergency management software - time Torrance Memorial Medical Center (west Tower Auditorium, 3330 Lomita Blvd., Time: 0803-1200

January 29, Saturday Palm Springs Hamfest - see flyer page 17.



Ham graffiti.

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
Directors:	Mel Hughes, K6SY
	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	Diana Feinberg, AI6DF
LAACARC Rep	Joe Locascio, K5KT

Contacts

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

Treasurer's Report

AI6DF

November 2010

PVARC Balance	\$3,434.67
John Alexander Fund:	\$ 956.00
Repeater Fund:	<u>\$ 1,168.66</u>
Total Bank Balance	<u>\$ 5,559.33</u>

Total Membership 2010	134
New Members 2010	12
ARRL Members	77



Need a Club Badge?

Contact

Karen Freeman, KG6BNN
310-541-6971



Need a Club Patch? or a Club Jacket? You can get either from Dave Scholler, KG6BPH

310-373-8167

Club Net News

On any given Tuesday at 19:30 you'll find the PVARC Net on the K6PV repeater at 447.120 (-) 100.0. In West PV where it's sometimes difficult to hit the repeater, **Bill Harper, WA6ESC**, has cross-banded it at 145.710 (simplex) 71.9. Thanks Bill!

Homer Meek, K6HKT, our net control operator for the third Tuesday night PVARC net, is turning over the job to **Daniel Yang, K6DPY**.

Thank you Homer for your years as Net Controller! And welcome Daniel!

Promenade of the Peninsula 5K

Walt Ordway, K1DFO

On 10-10-10 was the first Promenade of the Peninsula 5K race. The race was basically 3 laps around the Peninsula mall. It went very well. We'd like the following folks for their radio support for the event: Brad W6BJM, Lovell KI6VZS, Matthew N6MDC, Herb KO6RC, John WW6WW, Karen KG6BNN, Jay KI6FVY, Curtis KI6KUK, Melody KI6SPA and Walt K1DFO.

Member in the News

We reported this last month but didn't have the photograph. So here it is again. If you read your October QST you might have noticed a familiar name on Page 20. Jeff Wolf, K6JW sent them a photo of the Wolf's home.

In the front, their neighborhood beautification award sign shows clearly and in the back, equally clearly, is Jeff's state-of-the-art tower.

Obviously the city of Rolling Hills Estates knows an attractive and well-made tower.



Thanks to automated reading programs,
our very own Paige Omoto, KI6MAH, is finally on the internet!
Drop her an email (which includes your call sign) at: paigeomoto@gmail.com.
Welcome to the cyber-world Paige!



Flash!
 We Have The Date For
 the Next IOTA at Two Harbors!
It's.....it's.....
 ..- . -... ..- -... ..- -... ..- -... ..-
 . -... ..- -... ..- -... ..- -... ..- -... ..-
 Oh For Pete's Sake Man! What
 is it in plain english?!

That's easy!

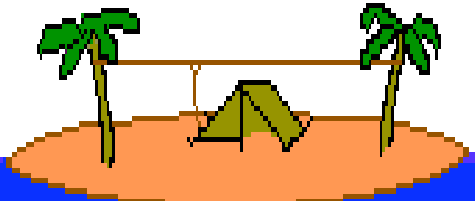
The dates for the IOTA this year are:

Wednesday, February 23, 2011

through

Sunday February 27, 2011.

Save that date and call or email Ray Day, N6HE for the particulars at 310-541-7557 or rayday@Cox.net. There will be more information in the QRO closer to the date, of course, and the president's weekly Sunday email message always has good information.





OUR HOLIDAY PARTY SPEAKER WILL BE

THE ALWAYS-ENTERTAINING

JEFF WOLF, K6JW

*LESSONS LEARNED FROM
52 YEARS IN AMATEUR RADIO*

COME SEE WHAT JEFF WOLF HAS LEARNED

*AND SINCE WE HAVE THE SAME CATERER AS LAST
YEAR, WE KNOW HOW EXCELLENT THE FOOD IS.*





*Palos Verdes Amateur Radio Club
Annual Christmas Holiday Dinner*

At the Beautiful

Point Vicente Interpretive Center

31501 Palos Verdes Drive West, Rancho Palos Verdes

Wednesday, December 15th, 2010

Happy Hour at 6:00 PM, followed by dinner and program at 7:00 PM

Dinner Menu:

Macadamia encrusted Salmon with a pineapple vanilla butter sauce; Carving station with Sirloin of Beef plus Leek Mashed Potatoes, Vegetables, Rolls & Butter. A Dinner Salad is included with mixed greens, pecans, sliced apple and gorgonzola with a Raspberry Vinaigrette. Appetizers include an Assorted Cheese Platter with Gourmet Crackers and Artichoke Dip or Shrimp with Cocktail Sauce. Dessert follows with a Cheesecake Bar with an array of toppings.

\$39.00 per person.

For any questions, please contact:

Joe Pace, pace@nz6l.net, 310-831-3750



Catered by "Entertaining Friends" of Torrance



Thank You. We would like to acknowledge the following PVARC members whose kind donations to our named Funds during the past year helped support our club's activities.

THE JOHN ALEXANDER FUND

KF6LIX Dale Carlson

The John Alexander Fund reimburses students under 18 for up to \$50 of expenses they incur to take PVARC's licensing classes and exams.

K6PV REPEATER FUND

W6ZZX Richard Archey
 W6PNZ Ed Atkinson
 KI6GTH Michael Barry
 KF6LIX Dale Carlson
 AI6DF Diana Feinberg
 KE6SYL Jim Haire
 W0HAX John Ickes

PVARC's Repeater Fund provides for on-going maintenance and repair of the K6PV repeater.

K6PV utilizes a Kenwood commercial repeater which was repaired for a receiver problem this summer.

SP-1 FUND

KI6GUY Steven Barryte
 KF6LIX Dale Carlson
 KG6TAU Ginger Clark
 W6HIP Robert Closson
 KI6TEQ Steven Collins
 KG6QWJ Denzel Dyer
 Candy Fletcher
 N6NNW Dale Hanks
 W6AGP Donald Hirst
 W0HAX John Ickes
 W6NBK Nigel Keep
 KJ6CAS Walter Lang
 KI6SPB Hal Lazar
 KG6WVF William Leighton
 WA6MEM Gary Lopes
 N6BNP Knut Myhre
 NZ6L Joe Pace
 NX6C Ted Spiegel
 KC6G Gregory Sue
 AB6SY Bob Sylvest
 KG6ZAW Samuel Tepper
 W2RGG Bryant Winchell
 K6JW Jeff Wolf
 ...and several others

Our SP-1 Fund mostly covers PVARC's 40-foot antenna tower trailer, used for Field Day and emergency communication needs.

In 2009, the SP-1 Fund provided for new tires on the tower trailer. This year we replaced the tower's two winches and in 2011 we will replace the lift cables.

ARES® Southwest District Presents



75th Anniversary



The Radio Amateur's NTS "Traffic School"

By: Kate Hutton K6HTN,
LAX Section Traffic Manager



What: Training and exercise in message handling skills for all emergency communications volunteers

When: Sat., November 20, 2010, 10:00am*-1:00pm

Where: Providence Little Co. of Mary Hospital, 1300 W. 7th St., San Pedro. Go to: East entrance, 1st Floor, DeMucci Room

RSVP/Cost: Not required / \$0.00

Speaker: Kate Hutton K6HTN, ARRL/LAX Section Traffic Manager

Questions: Mercedes Prado K6MMP, SW DEC 310.422.0881

You'll learn to:

- **Relay** messages ("radiograms") around the US & Canada
- **Apply** CW, SSB, FM & digital modes
- **Participate** in the NTS system and other valuable public service volunteer opportunities
- **Explain** the non-dependability on infrastructure such as the telephones, cell towers, or internet
- **Use** this mode as a vital message in a disaster

What to bring:

Pen/pencil and pad, glasses (if needed), and lunch (snacks, brown bag, water, etc.). **Radio not required.** Novice to experienced welcome.

Class Description:

The three-hour training will focus on how to compose and handle formal radio messages ("radiograms"). Examples and class exercises will focus on the format and methods used by the American Radio Relay League (ARRL) National Traffic System (NTS), which have been in place since 1915. These best practices have been optimized over 95 years for high efficiency and accuracy. The ARES and CERT message forms are based on the NTS format because it works. In the age of cell phones and Internet, the NTS still exists for basically three reasons: 1) to be there when disaster strikes and normal communication is unavailable, 2) to train emergency communicators in accurate and efficient message handling and 3) because many hams enjoy honing these basic operating skills. Operating on the NTS traffic nets is an excellent way to prepare emcomm volunteers for handling formal, written traffic in a disaster

About the Speaker:

Dr. Kate Hutton K6HTN is ARRL Los Angeles Section Traffic Manager and in charge of the NTS amateur radio nets that move traffic in and out of Los Angeles. Affectionately known as "Earthquake Kate," she is also a world-renowned seismologist frequently interviewed by the media for her professional commentary. Kate holds a BA/MS/Phd in Astronomy and an Extra Amateur Radio License. K6HTN@arrl.net.

(*Our ARES SW regular meetings are held at **9:00am** on 3rd Wednesday of every month. Presentations follow about an hour ++later. For this and other presentation ideas, contact Mercedes K6MMP, SW District Emergency Coordinator at K6mmp@arrl.net or visit our website at WWW.ARRLAX.org

The Desert Rats and the Palm Springs DX Club

invite you to attend the 2nd annual * * * \$1 admission with raffle ticket.

HAMFEST - RAFFLE - WINTER FIELD DAY

Bring your ham gear to sell, no fee charged for selling if you bring own table and chairs. Maybe you only have one or 2 items for sale put it on our single items table with a sign and tell us your reserve price... (for a small commission to the club) ...we'll handle the sale.

**Saturday,
January 29
9:30 A.M. to
4:30 P.M.**

**CHECK OUT OUR
WEBSITE!**

<http://www.desertrats.am>

Talk-in frequency:
146.940- PL 107.2
WD6RAT Desert RATpeater
Daily Nets Thursday thru Sat.
8 A.M. - Noon - 6 P.M.



HAMFEST!



Directions:

Take I-10 to Palm Drive Exit.
Turn onto Gene Autry Trail
(becomes Matthew Dr. as it
crosses Hwy. 111)
Follow the RAT...
4193 Matthew Dr. is on left

Winter Field Day 2011 Special Event Station

Email us for more info:
Peter Reinzuch VE7REZ - President of 'the Desert RATS' Club
ve7rez@desertrats.am
Evan DeRouen KI6WNF - EC Riverside County ARES
riversidecountyares@gmail.com
~Check ze Tweets @hamradio @RivCoARES

- Lots of vendors and exhibits! Check website for the most up to date list.
- ICOM YAESU
- Buds Engraving Alpine Antennas
- Byonics Old Military Radios
- EDS Emergency Pack
- Ham Radio Outlet
- Impulse Electronics

ARRL
DX
Store
W5YI
RF Stuff



only \$1 incl... e raffle tick... ford and Gordon West

Event Coordinators Gary Boskovich KD6QLT and Susie Boskovich KD6QVO 760-328-9662 sboskovich@dc.rr.com

Nearby Hotel: Holiday Inn, corner of Sunrise & E. Palm Canyon, Palm Springs 760-323-1711 call for best room rate.

RSVP: RV Dry Camping reservations for vendors: sboskovich@dc.rr.com Vendor Set-up time 7:00-9:00 AM



Two Amateur Radio Courses

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

FCC **“General”** course (2nd level)

Each course is 2 sessions

The 2 sessions are on November 6 & 13

Technician 10:00 AM to 2:00 PM both Saturdays

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

FCC tests will be 10 AM to noon on Nov. 20

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 \$15 -

Optional Material

- Gordon West book with FCC test questions,
\$22 for Technician and \$23 for General -
- Copy of my Power Point charts, \$18 -

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



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

NEW MEMBER & MEMBERSHIP RENEWAL FORM

NEW: _____ or RENEWAL: _____ MEMBERSHIP DATE: _____

Last Name: _____ First Name: _____ Spouse: _____

Street Address: _____

City: _____ Zip: _____

Phone: Home _____ Work _____ Cell _____

Email address: _____

(Unless otherwise noted emails will be sent to the applying member only)

License Call: _____ License Class: _____ ARRL Member _____ Birth Mo./Day: _____

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

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

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

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

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

Individual membership (\$15.00) \$ _____

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

Donation to the John Alexander Fund \$ _____

Donation to the Repeater Fund \$ _____

Other Donation to PVARC \$ _____

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

Please make checks payable to: Palos Verdes Amateur Radio Club; Dues based on January 1st to December 31st year. All New and Renewal Member applications must be signed below.

Using amateur radio equipment improperly or ignoring safety practices can lead to injury or other harm. Don't try to perform amateur radio operations you might learn through PVARC or elsewhere unless you are certain they are safe for you. If something doesn't feel right, either: 1) do not do it; 2) look for another approach; or 3) ask for assistance from someone who is more experienced. PVARC wants you and your family to be safe and enjoy amateur radio to its fullest. Your signature below acknowledges that you will take responsibility for keeping safety foremost when working with amateur radio equipment or at events.

Signature: _____ Date: _____

Family Member Signature: _____ Date: _____