

Palos Verdes Amateur Radio Club



K6PV



This Month's Speaker

John Haslett

Voyage of the Mantenao - A rafting adventure with a ham radio angle

In the 1990s, John Haslett and friends, built and sailed rafts based on the design of the huge sailing rafts used by the ancient Manteno people of Ecuador who had an active maritime trading culture up and down the coast of the Americas. Haslett's purpose was to contribute to a body of knowledge about these people, his impetus was the book by Thor Hyerdahl, *Kon Tiki*, and his life's goal was to be an adventurer like his hero Hyerdahl.

Haslett gave a talk about his adventures at this year's Hamcon, which is where we discovered him, and we're fortunate that he's available to give another of his lively lectures at our meeting this month.

Table of Contents	
President	2-3
Treasurer	3
V. P.	4
W6WXA - SK	5
Elections	6
IOTA	7
Marathon	8
ARRL Report	9-10
Opportunities	11
Tech. Class	12
Treasurer Plea	13
Application	14



John Haslett and crew on their raft, the Mantenao.



President and Close Personal Friend

The President, K5KT, Pontificates

Well.. didn't this past year just sail by rather fast?? It sure seems that way. It also seems they (the years) keep going by faster...as we get older, anyway!

Well, another of our close friends is now a silent key – namely Jim Murray, W6WXA. Sad to see him go now too! Just seems to remind us that life is short, tenuous, and unpredictable. Enjoy things as you can!!

February is the month for Club Elections. The current BOD recommends the following slate of officers:

President:	- OPEN -	<u>This can be YOU!</u>
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 is my last column as your President. I do hope someone will step up and take the mic/key for this year!

Please be aware that there are several of us that have already served as your President for TWO years – among them are K5KT, KG6BPH, KO6ZC, KC6WYX* (actually Jack did it THREE years), and KO6UA. There is no feasible reason for anyone to have to serve for more than two years with the wealth of individuals (Club members) capable of doing the job. With the available experience to support the President and BOD, there is little reason to fear or shy away from this being YOUR year! Please call me or contact a member of the BOD for further information. Believe me this is OUR Club (too) and we want it to continue... **BOTTOM LINE** is that if you volunteer, **YOU WILL NOT** (be allowed to) **FAIL!!!** Every effort will be available to help you and insure your success.... **NOW....** Aren't you ready to volunteer?? **YOU** should be!!

Now, back to my usual 'ranting's.' HF Contest season continues! If you have not tasted an HF contest, what are you waiting for. It IS exciting and rewarding. Jump in! Do it!! There are numerous contests over the next many months to allow for you to join in the fun. There is the upcoming ARRL Int'l DX CW Contest next weekend (16 and 17 Feb); the CQ 160 Meter SSB Contest on 23 and 24 Feb; ARRL Int'l DX SSB Contest on 1 and 2 Mar; among numerous other contests (to jump into and have FUN!). Contesting IS FUN and allows one to develop more and better communications skills not available with our routine VHF/UHF operations. Anyone interested should check the ARRL, CQ, and other, relevant contest sites for more information. In addition, you can check with me, Mel – K6SY, or Jeff – K6JW for more information.

Just think, after this month, you won't have to read so much about how much FUN HF and HF Contesting are!!

But, I think there is a high likelihood that the Antenna of the Month will continue! How lucky we are to have such Antenna experts as Bill (a REAL professional Antenna Engineer) and Rick! More 'show and tell' please.

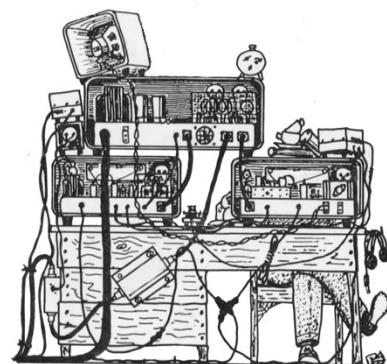
OK, enough of this...

I want to thank Denzel Dyer, KG6QWJ; Bill Harper, WA6ESC; Ginger Clark, KG6TAU; Mel Hughes, K6SY; Bryant Winchell, W2RGG; Dave Scholler, KG6BPH, and Bill Leighton, KG6WVF for all their help as members of the Club Board of Directors as well as Rick Murray, K6WXA; and Herb Stark, KO6RC for all their efforts and support during my term as your President. The year's interesting Programs – thanks Denzel, very enjoyable Lighthouse weekend and Club Picnic – thanks Bill and Rick, Christmas Holiday Party - thanks Herb, QRO – thanks Ginger, Club Website – thanks Rick, were all more fun and memorable with their care and feeding! I also realize that the Field Day activity was the success it was because of Jeff and Mel as well as others that were there to help with equipment and antennas setup and take down as well as operations!

THANKS TO ALL OF YOU, once again for your special efforts and support to the Club and me! My best wishes for another memorable year for the Palos Verdes Amateur Radio Club

Vy 73

Joe



**BILL HARPER'S
TREASURER'S
REPORT
FEBRUARY 2008**

PVARC BALANCE	\$2,482.03
JOHN ALEXANDER FUND	803.00
REPEATER FUND	924.66
TOTAL BANK BALANCE	\$4,209.69
MEMBERSHIP 2007	121 MEMBERS
RENEWED SO FAR 2008	51 MEMBERS
ARRL MEMBERS	36

Board of Directors

President	Joe Locascio, K5KT
Vice President	Denzel Dyer, KG6QWJ
Treasurer	Bill Harper, WA6ESC
Secretary	Open
Past President	Dave Scholler, KG6BPH

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



De the VP, Denzel Dyer, KG6QWJ

Programs: If you're not coming to Club meetings, you have been missing some programs that I thought were very good. In December, Dave Doody of JPL gave a great presentation on the Cassini spacecraft and its observation of Saturn, and the dinner was outstanding.

If you didn't attend the January meeting, you missed Joe Moell's talk on radio direction-finding and transmitter hunting, including the picture of the transmitter hidden in a bikini top.

Now: For February: First, the Club election. When I last checked, we still don't have a candidate for President. Try it! You'll like it!

Then our speaker is John Haslett, who made two attempts to float balsa rafts from Ecuador to Hawaii. He kept in touch using amateur radio, and has promised to pay special attention to radio in his talk.

March: Dennis Kidder, "So you think you know what time it is". A few members who heard that talk at the convention last Fall though it was great.

April: Curtis Kaplan, of NOAA, on The Skywarn program and Weather Spotters.

After that, I expect to get back to some other recommended people, probably including some who will demonstrate new equipment. I haven't actually forgotten the suggestions I have received, and still welcome more.

Now, just to keep this column interesting, here are two slightly radio-related items: I just got a new catalog from American Science & Surplus (www.sciplus.com).

Innumerable things you can easily get along without, though a friend has had great pleasure from the Screaming Flying Monkey. A bit of humor scattered through the listings. The radio connection? Well, there is a 50-yard spool of adhesive 2-inch wide 4-mil aluminum ribbon, \$7.50. That should be a challenge to antenna designers! It occurs to me that if you try 1500 watts you may get some infrared radiation. Perhaps even visibly red. And if that doesn't attract your attention, for \$12.50 you can get a radio-controlled thirteen-inch rat! (That includes the tail.)

Then, in case you like solo rock climbing, there is a news item that reports on the SPOT Satellite Messenger. It is a device about the size of a cell phone. Press one of three buttons, and it collects your GPS position, then sends it as an e-mail or cell phone text message to a satellite with one of three pre-selected messages, which may include 'I'm OK' or 'HELP'. \$170 plus \$100/year. (Wall St. Journal, 30 January, D5). As a reformed backpacker, I think I will get more for my money with the rat.

Thor Hyerdahl's Kon Tiki



Jim Murray, W6WXA SK

It is with great regret that we report the passing of long-time ham and PVARC member Jim Murray, W6WXA, at age 85. Jim had a heart attack less than two years ago, and last Wednesday February 13, with his family by his bedside, his heart just finally gave out.

Jim had been a ham since 1946 and was well known for his home-brew receivers and transmitters, which he designed and built from the ground up. He was also an avid model plane builder. Before he stopped driving, you could often find him at the TRW Swap meet searching for parts for his hobbies and the rest of his time in his shop putting his finds to good use. In the later years, his son, PVARC webmaster Rick, K6WXA, would drive him.

Jim had a long career at Hughes Aircraft as manager of the front-end lab, a group charged with creating special test equipment for the company's other projects. The test equipment his group designed and built helped Bird and Blue Bird communications satellites, and the old GAR 9 Guided Rockets.

Under Jim's direction, the front-end lab group of about 25 people worked and played together. A social group of lab group members was formed and they went camping about once a month and used surplus police, ambulance, and commercial radios which they modified for the ham bands, to talk between their cars. They called their group the Phugahwees for reasons unknown.

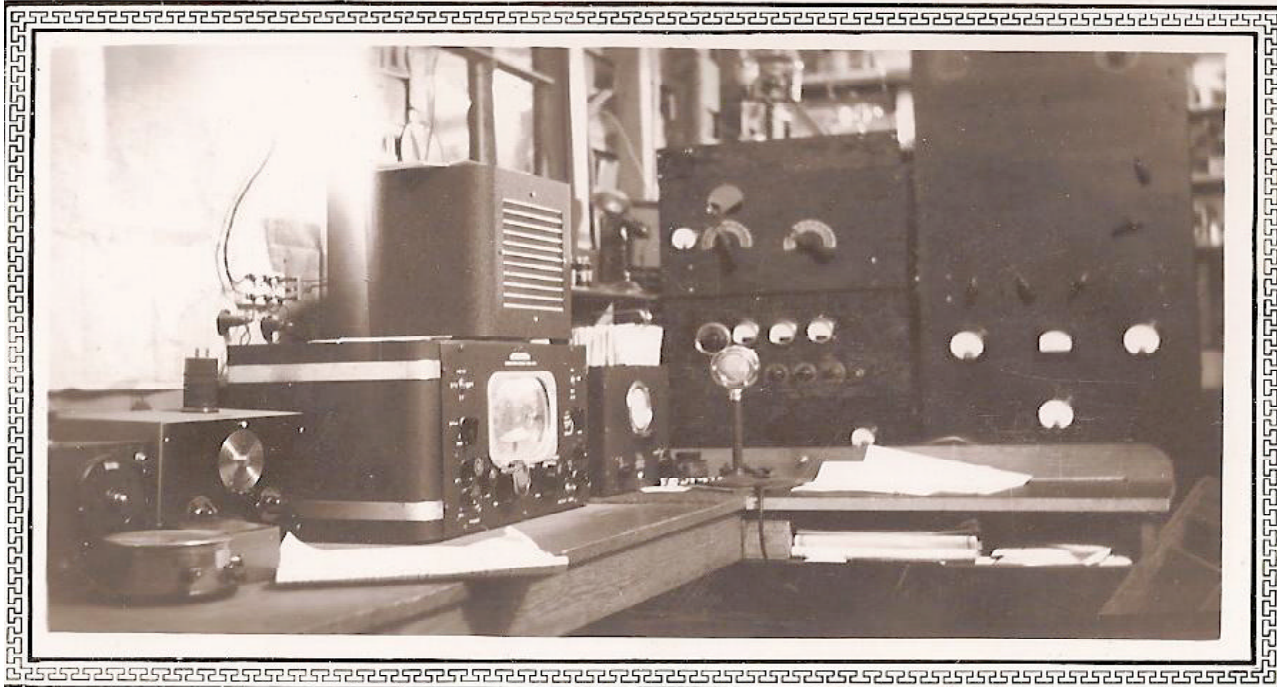
Jim was also a willing participant or maybe even a perpetrator of some pretty good practical jokes. Being a laid-back, easygoing guy, he took it in stride when someone in his group epoxied his coffee cup to the bench every few months. And he was pretty easy going about the weather balloon someone put in his new office and filled with water, although he had to spend that day getting the water out of the balloon before they could haul it away and he could get into his office again. When they alligator-clipped a wire in his car engine to make the horn blow every time he put on the brake, and then lined the sidewalk to watch, he took it in stride.

But Jim Murray gave as good as he got, for instance when he put the security guard's desk and chair in the ladies' bathroom while the guard was on break.

The Phugahwees were all Hams and Jim's son, Rick, learned everyone's call by listening to them on the camping trips when he was a teenager, which is how he recognized WA6ESC when Jim and Rick went to their first PVARC meeting about 4 years ago. Bill Harper is an ex- Phugahwee, having worked for Jim for about 16 years in the 60s and 70s.

Jim was a second-generation ham and Rick, whose vanity call is close to his Dad's, carries on the Murray tradition. In addition to Rick, Jim leaves behind another son, Harold, a daughter, Cheryl, two grandsons and two granddaughters. The Club sends them all the very best and wishes them well

The Murray Family Tradition



Ham shack of W6NNN, the late Richard Murray, father of the late Jim Murray, W6WXA, and grandfather of namesake Rick Murray, K6WXA. W6NNN's shack was in Santa Barbara, California and this picture was taken around 1939.



PVARC Election Day

This month we elect a
Board for 2008. and
we seem to have a problem.



I'm not coming out until it's over!

The nominating committee has been unable to find anyone willing to run for President. It's a job, although not a particularly difficult one. Actually, it's as easy or as difficult as you want to make it. We've had hard-working Presidents, and not such hard-working Presidents and none has sunk us yet. We just need a President.

To this end, we're asking everyone to send in a name of someone they'd like to see as President. Email or call Bill Harper with your names. Harper has a new email address: wa6esc@arrl.com. His phone number hasn't changed. We'll also have the opportunity to submit names at the beginning of the meeting. At the end of the meeting, after the speaker has spoken, Bill Harper will read off the names of people suggested and we can vote on it.

It goes without saying that if you'd rather not be President, and you think your name might come up, you should probably be at the Wednesday night meeting so you don't find yourself the President of PVARC on Thursday morning.



THE DATE'S SET AND WE'RE GOING BACK!

FRIDAY, MARCH 7TH
THROUGH
MONDAY, MARCH 10TH

WE'LL BE BACK AT TWO HARBORS, CATALINA, FOR ANOTHER IOTA (ISLANDS ON THE AIR) DXPEDITION.

IF YOU MISSED THE CLUB'S FIRST IOTA, YOU HAVE ANOTHER CHANCE TO 'ROUGH' IT WITH US IN A BEAUTIFUL SPOT, TALK WITH PEOPLE AROUND THE WORLD, AND EARN A NIFTY IOTA PATCH!

WE'LL HOLD IT RAIN OR SHINE (SINCE WE'RE NOT REALLY ROUGHING IT, YOU KNOW) SPOUSES ARE WELCOME, OF COURSE! THERE'S PLENTY FOR THEM TO DO IF THEY DON'T WANT TO TALK WITH THE WORLD.

SINCE WE AREN'T HOLDING THIS IN OUTER MONGOLIA OR ON THE ROCKS THAT DISAPPEAR WITH THE TIDE, YOU CAN COME FOR THE DAY OR YOU COULD STAY FOR THE WHOLE TIME. THE CATALINA EXPRESS SCHEDULE IS INCONVENIENT, BUT IT IS DAILY. (IF IT WERE CONVENIENT, WHERE WOULD BE THE CHALLENGE?)

THIS YEAR CYCLE 24 MAY BE IN ITS INFANCY, BUT DEFINITELY HERE WITH SUNSPOTS EMERGING. WITH THE BEGINNING OF DAYLIGHT SAVINGS TIME AND SUMMER JUST AROUND THE CORNER, WE HAVE HIGH HOPES OF MAKING MORE DX CONTACTS.

TWO YEARS AGO, THE BAND CONDITIONS WEREN'T PARTICULARLY WONDERFUL, AND STILL WE MADE OVER 175 CONTACTS INCLUDING KAMCHATKA (RUSSIAN PENINSULA), THE BAHAMAS, AND EUROPE.

SIGN UP WITH CURTIS WATANABE, OUR INTREPID LEADER AT:

CD5 WAT@VERIZON.NET OR
310-377-9774 OR
AT THIS MONTH'S MEETING



Palos Verdes Marathon!

The Palos Verdes Marathon is scheduled for Saturday, 17 May. The Club has provided communications support to the Marathon for many years, and is up again for 2008.

So far, somewhat over half of last year's operators have said they will be back this year, and it's still early, but there will be room for more. If you haven't worked the Marathon before, consider it this year.



The biggest advantage of operating is, of course, that you have an excuse for not running. Aside from that, though, this is a good place to get some practical experience on net operation while being helpful, close to home, and out a nice Spring day. You also get a Marathon T-shirt! Remember your PVARC badges!

The Marathon starts at Point Fermin Park and goes up into Palos Verdes Estates, then does a U turn and returns to Point Fermin. We plan to have operators with the race director, at Point Fermin, at the various aid stations along the route, and at the U-turn. There will be two or three rovers in vehicles moving along the course.

For most of the aid stations, a hand-held transceiver operating in the 440 Mhz band works fine. The PVE end of the course has been difficult, and two or three positions there need mobile units with better than average antennas, and a good eye (ear?) for location. Rick Murray will be back to handle a particularly challenging aid station location at the corner of 25th Street and Western Avenue. He had excellent results last year with a Yagi bouncing his signal off Catalina.

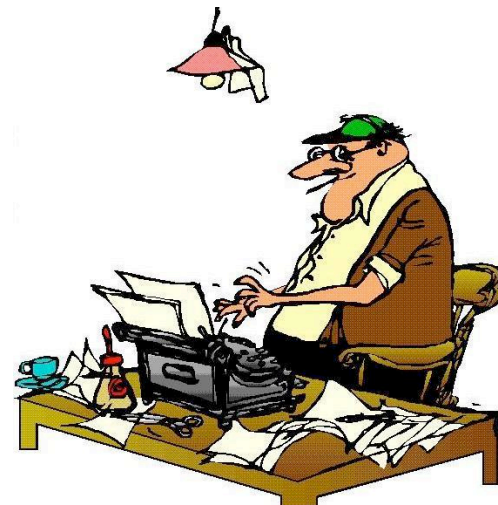
Interested? See www.palosverdes.com/pvarc, or www.palosverdes.com/kiwanis for more information, or check with me: Denzel Dyer, 310-541-5320 (days) or 310-377-7579, or denzel.dyer@verizon.net.



Be There or Be Square

ARRL Summary Report January 2008

compiled by Bryant Winchell, W2RGG



CYCLE 24 HERE, EXPERTS SAY

With the appearance of Sunspot 981 -- a high-latitude, reversed polarity sunspot -- on Friday, January 4, experts at NASA and the National Oceanic and Atmospheric Administration (NOAA) said that Cycle 24 is now here. "This sunspot is like the first robin of spring," said solar physicist Douglas Biesecker of the Space Weather Prediction Center (SWPC), part of NOAA. "In this case, it's an early omen of solar storms that will gradually increase over the next few years." *Ref.: The ARRL Letter, Vol. 27, No. 1*

Misc.

New Amateur Extra Class Question Pool Released: The National Conference of Volunteer Examiner Coordinators (NCVEC) has released a new pool of 741 questions and 12 graphics. *Ref.: The ARRL Letter, Vol. 27, No. 1*

MOTOROLA COMPLETES TENDER OFFER FOR YAESU'S PARENT COMPANY

Starting on January 22, Motorola will have a total ownership stake of approximately 78 percent of Vertex Standard [parent company for Yaesu= W2RGG] *Ref.: The ARRL Letter, Vol. 27, No. 2*

AIR FORCE ADDS MORE REPEATERS TO CALIFORNIA PAVE PAWS PROBLEM LIST

A second round of testing by US Air Force engineers has resulted in the identification of an additional seventy-five 70 cm repeaters in Northern California that must adjust their operations to eliminate harmful interference to the PAVE PAWS Updated Early Warning Radar (UEWR) located at Beale Air Force Base near Sacramento. As a result of these additions, new strategies for handling the situation are being put into place by the ARRL and the FCC. *Ref.: The ARRL Letter, Vol. 27, No. 3* [Although this item talked about the situation in Central and Northern CA, Southern CA may be affected later- W2RGG]

SATELLITE SERVES AS VOICE REPEATER -- UPLINKS ON FM, DOWNLINKS ON SIDEBAND

Launched in January 1990, AMSAT-OSCAR 16 (AO-16) -- a digital satellite -- has been unavailable for use while the command team dealt with a serious computer problem. The satellite has since been recovered, and is now a voice repeater, at least for an unspecified "test period" using FM voice on the uplink, but transmits DSB voice on the downlink (best received on SSB). *Ref.: The ARRL Letter, Vol. 27, No. 3*

SOLAR UPDATE

Tad "The Sunbeams Dance, Like Diamonds, on the Main" Cook, K7RA, this week reports: Sixteen consecutive days with no visible sunspots and still counting. This is the way it is at solar cycle minimum. *Ref.: The ARRL Letter, Vol. 27, No. 3*

Misc.

Field Day Packets Coming Soon: Get ready for ARRL Field Day, June 28-29, 2008. Packets will be available during the first week of February. Packets include the complete rules (including changes for 2008). Other reference items that will be available include forms, Section abbreviations, a kit to publicize your event with the local press and more. *Ref.: The ARRL Letter, Vol. 27, No. 3*



NTIA REPORT ON BROADBAND IN AMERICA 2007 INFLATES BPL FIGURES ARRL Chief Executive Officer David Sumner, K1ZZ, writes: On January 31, the National Telecommunications and Information Administration (NTIA) released its report "Networked Nation: Broadband in America 2007"

<<http://www.ntia.doc.gov/reports/2008/NetworkedNationBroadbandinAmerica2007.pdf>> The NTIA is part of the Department of Commerce, so it is not unexpected that the report attempts to show that the Administration has largely succeeded in meeting President Bush's goal of "universal, affordable access" to broadband technology by 2007. *Ref.: The ARRL Letter, Vol. 27, No. 4*

ARKANSAS HEALTH DEPARTMENT SPONSORS AMATEUR RADIO TRAINING The Arkansas Health Department transmitted Amateur Radio training via video conferencing to 13 hospital classrooms across the state on Saturday, January 19. *Ref.: The ARRL Letter, Vol. 27, No. 4*

SOLAR UPDATE

Tad "Then come home, my children, the Sun is gone down" Cook, K7RA, this week reports: Sunspots have returned. After nearly three weeks with nothing visible (January 9-28), Sunspot Group 982 emerged on January 29. The very quiet geomagnetic conditions of the past week may be ending with some moderate to unsettled activity. *Ref.: The ARRL Letter, Vol. 27, No. 4*

AMATEURS LEND A HAND AS DEADLY STORMS SWEEP ACROSS SOUTHERN UNITED STATES At least 54 people were killed and hundreds injured Tuesday and Wednesday by dozens of tornadoes that plowed across Mississippi, Arkansas, Tennessee, Kentucky and Alabama in the nation's deadliest barrage of twisters in almost 23 years. In spite of the disasters, state and local emergency management officials once again discovered that they could call on Amateur Radio operators to help out and get communications up and going again after the infrastructure failed *Ref.: The ARRL Letter, Vol. 27, No. 5*

GET READY TO GO THE DISTANCE WITH THE ARRL INTERNATIONAL DX CONTESTS Are you ready to work some DX? The ARRL International DX Contest is coming up! This is one of the ARRL's oldest operating events, going back to the days of the International Relay Party in 1928. <snip> The CW portion of the ARRL DX Contest begins at 0000 UTC on Saturday, February 16 and goes until 2400 UTC Sunday, February 17. The Phone portion runs from 0000 UTC Saturday, March 1 until 2400 UTC Sunday, March 2. Complete rules can be found online <<http://www.arrl.org/contests>>. If you are new to the ARRL DX Contests, look for a primer on the event by ARRL Contest Branch Manager Sean Kutzko, KX9X, in the Radiosport area of the March issue of QST. *Ref.: The ARRL Letter, Vol. 27, No. 5*

SOLAR UPDATE

Tad "Let not the Sun go down and disappear into darkness" Cook, K7RA, this week reports: After a solid week of sunspots -- January 29 to February 4 -- the following three days have been blank. February 2 was an active geomagnetic day with a solar wind stream spewing from a coronal hole near sunspot 982. Another solar wind stream from a coronal hole is expected to strike Earth on Sunday, February 10 causing unsettled conditions. *Ref.: The ARRL Letter, Vol. 27, No. 5*

OPPORTUNITIES 2008

FEBRUARY

9- Technician Class course Prt2 10 a.m. Hesse Park

9 General Class course, Part 2,
2:15 p.m., Hesse Park

20 Club Meeting, Joe Haslett - Radio on a balsa raft from Equador. ELECTIONS

23 FCC examinations Noon Hesse Park

MARCH

2 L.A. Marathon-Info elsewhere in QRO

7-10 - IOTA at Two Harbors

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

10 - Technician License Class course Part 1

17-P. V. Marathon; Contact Denzel Dyer to help

10 - Technician License Class course Part 2

JUNE

28-29 - Field Day!

DECEMBER

5 - Holiday Party at the 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.

Preregistration 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. Or, talk with Mel, K6SY, at the next meeting.

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

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

Thousands of years ago, cats were worshipped as gods. Cats have never forgotten this
Hearty laughter is a good way to jog internally without having to go outdoors. - Norman Cousins

Need a Club Badge?

Contact Karen Freeman, KG6BNN
310-541-6971



Need a Club Patch? \$5 Or How About a Club Jacket?

Contact Joe Locascio, K5KT
310-541-5495



Amateur Radio Course

FCC "Technician" course (entrée level)

The course is 2 sessions

The 2 sessions are on May 10 & 24

**1:30 PM to 5:30 PM on May 10
10:00 AM to 2:00 PM on May 24**

The FCC test given 2:00 PM to 4:00 PM on May 31

**The location is Hesse Park
29301 Hawthorne Blvd.
Rancho Palos Verdes**

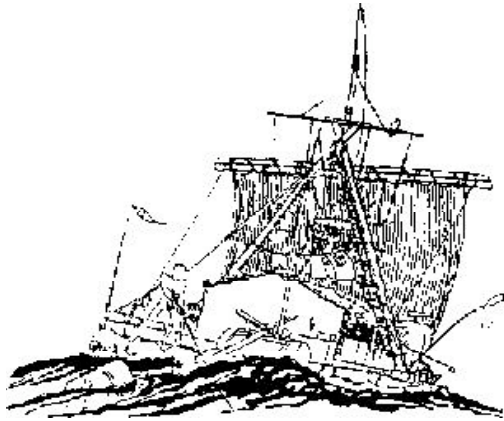
- No pre-registration required -**
- No fee for either course -**
- Taking the FCC Test is \$14 -**

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**



Annual
Treasurer's
Request

It Is That Time of Year Again!

Dues for 2008

Last year was a very good year for the Palos Verdes Amateur Radio Club. There were many activities and events that took place such as Field Day, PV-Marathon, Light House and picnic, Catalina Island IOTA, Antenna of the month, Christmas Dinner, and others. You do not want to be left out of this year events. There are great plans ahead and super events for this year, 2008. So stay connected, and renew your dues now! It's a bargain and the dues are the same as last year, no increases. Don't you wish all your bills were the same as last year? Please remit early. It's easy and almost painless with the new renewal form found on the last page of the QRO.

Thank you,

Bill Harper
WA6ESC

How They Did it in the '40s

In 1947, Thor Hyerdahl and five companions left Callio, Peru, on the Kon-Tiki raft and crossed 4300 miles in 101 days to Polynesia. Of the five, two were former Norwegian Resistance radio men, Knut Haugland and Torstein Raaby in charge of operating the short wave inches above water. Here's a very short excerpt of their story as written in Hyerdahl's book Kon Tiki

"Knut and Torstein were always doing something with their wet dry batteries, soldering irons, and circuits. All their wartime training was required to keep the little radio station going in spray and dew a foot above the surface of the water.

"The two radio operators had a tough job in their corner since the first day they came on board. The very first day, in the Humboldt Current, sea water trickled even from the battery cases so they had to cover the sensitive radio corner with canvas to save what could be saved in the high seas. And then they had the problem of fitting a long enough aerial on the little raft. they tried to send the aerial up with a kite, but in a gust of wind the kite simply plunged down into a wave crest and disappeared. Then they tried to send it up with a balloon, but the topical sun burned holes in the balloon so that it collapsed and sank into the sea. And then they had trouble with the parrot eating the wire. In addition to all this, we were a fort-night in a dead zone of the Andes in which the short wave was dumb and lifeless.

"But then one night the short wave suddenly broke through and Torsteins' call signal was heard by a chance radio amateur in Los Angeles. The man asked what kind of set we had and, when he got a satisfactory answer, he asked Torstein who he was and where he lived. When he heard that Torstein's abode was a bamboo cabin on a raft in the Pacific, there were several peculiar clickings until Torsteins supplied more details.



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 1st to December 31st calendar year.