

Palos Verdes Amateur Radio Club



K6PV



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

Request From The Prez

I would like to propose that the Club procure our own LCD projector, as we have been relying upon the kindness of members to donate the use of their own for some time now, and these are proving to be essential for our presenters at the meetings and holiday dinner. If each of us contributes just \$5, we will be able to purchase a business quality projector with good bulb life (and low replacement cost) that will last us for many years.

Another immediate need we have is the replacement and maintenance of the winches and cables on the club's portable tower, for which an additional \$5 per member would cover as well.

If you would like to contribute to either or both, please send to Palos Verdes Amateur Radio Club, PO Box 2316, Palos Verdes Peninsula, CA 90274
(I'm contributing \$20. How about you? - editor)

Auroras and Propagation



Don Leeds, KI6VRZ, is a new member, working on his Extra ticket. He has been up close and personal with auroras in Alaska, and has the photos to prove it. We expect to have a lively discussion on auroras and propagation; a subject we've never explored before.

See you there!





The President Pontificates Joe Pace, NZ6L

The recent birthday of Samuel Morse reminds me of how pervasive this code that was developed by Alfred Vail and himself in 1835 has become; and, not surprising due to its rhythmic quality, has shown up in unexpected places such as music.

Take for example Pierre Boulez's *Messagesquise*, which he dedicated to Paul Sacher. This score contains Morse encodings of Sacher's name, in both direct form and in variations:

3 **Rapide** ♩ = 116 **ralentir progressivement jusqu'à** ----- **Très lent** ♩ = 48

pizz. aff sec (Les arrêts de plus en plus espacés)

(♩ = 74) (♩ = 54) (♩ = 52) (♩ = 66)

fff *f* *mf* *mp* *p* *ppp*

S A C H E R

In contemporary music, Joe Walsh, WB6ACU, has placed the message “REGISTER AND VOTE FOR ME AR” in the song “Vote for me” on “Songs for a dying planet,” and this message is also reportedly hidden in “Mother Says” on the album “Barnstorm.”

Roger Water's album “Radio Kaos” is imbued with Morse code and the code shows up in the strangest places in various pop, rock, and punk music songs, both well and mal-formed, with relevant, mysterious, and sometimes vulgar messages. As someone who grew up in the age of playing albums backwards to listen for hidden messages, CW adds a whole new dimension.

In the early days of aeronautics, a system called four-course radio range navigation was developed, which like the airway light beacons before it, utilized Morse code. The crew would hear a Morse letter of either A or N when flying in a given quadrant of a four-course transmitter site, and when flying directly towards or away from the center-point on one of these “beams” between the quadrants, a steady hum would be heard as the dit dah, and dah dit of the code merged into a single continuous tone.

Today in aviation, pilots use Morse code to identify radio navigation signals by their one to three letter ids, and instrument landing system localizers by their four letter ids. When approaching to land on an instrument runway, the outer, middle, and inner marker beacons along the final approach course transmit the letters O, M, and I, respectively as one flies over them. Nothing made me feel like I was home more than hearing the middle marker at Torrance airport while passing over Tom Ishibashi's strawberry fields (the beam antenna pointing upwards next to the fence on Crenshaw is the middle marker).

In boating, as in aviation, Morse code is seen as buoy identification signals of single letters, such as A and U, and as popularized by movies, is used as a means of discrete inter-ship communication with the Aldis type signal lamp, and periscope lamps.

So, whenever I hear it said that Morse code is dying I remember that even though it may be more oft behind the curtain these days, it is still pervasive, essential to our everyday lives, and turns up in the strangest of places.



de the VP

I am happy to report that we have been able to secure a number of good individuals for the coming club meetings in the coming months. Some will present some unusual topics, but our radio hobby touches on many aspects and radio amateurs have always been able to contribute to advancements although we are perhaps looked on as being just "amateurs". The great thing about being "amateurs" is that we have the freedom to experiment and try different methods and things that the "professionals" find uninteresting because they need to have their projects economically funded and sponsored. We, on the other hand, are free to pursue our radio and electronic interests and use whatever means we can get together.

Over the years many clever and enthusiastic "amateurs" have made important discoveries and advanced radio communications. This goes on all the time and some even come up with ideas and solutions around which they have created large companies. A couple of such companies come to mind such as Yaesu and Elecraft. I am sure there



Do you want to spend part of a memorable 27-1/2 hours operating HF and CW in tents and under awnings on the Palos Verdes High School grounds, but don't quite know what jobs or equipment are needed? You'll find a jobs signup sheet on page 5, and an equipment sign-up sheet on page 6.

Much of the equipment--radios, generators, antennas, and so forth, we hope will continue to be supplied by those Field-Day Regulars who have been involved year after year.

The signup sheet will be at the meeting next week. If you can't make it, call Ginger (310-378-7894) to reserve a time or offer equipment.

are many more and I am sure also many "old timers" remember a number of US companies that had been on the map and are now gone. It is interesting to note that in the US, amateur radio is officially called "The Amateur Radio Service." That name in itself shows we are recognized as providing something very important. As we all can be proud of, our service has saved the day many, many times. I am sure it will also continue in the future, not only in direct radio/electronic communications, but in innovation and development. I hope our Club meeting presentations will reflect some of these qualities and will be enjoyed by all.

Knut, N6BNP

History is a vast early warning system.
Norman Cousins

"Bravery is being the only one who knows you're afraid." -- Col. David Hackworth

If you can't be a good example -- then you'll just have to be a horrible warning.-Catherine

The difference between a pigeon
and an investment banker?

The pigeon can still make a deposit on a BMW.

When one door of happiness closes, another opens; but often we look so long at the closed door that we do not see the one which has been opened for us. - Helen Keller

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

A sad soul can kill you quicker than a germ.
~John Steinbeck

When I die, I'm leaving my body to science fiction.

Treasurer's Report



Bill Harper
 May 2009

PVARC Balance \$2,172.19
 John Alexander Fund: \$1,033.00
 Repeater Fund: \$1,080.66
 Total Bank Balance \$4,285.85

Membership 2009 121
 ARRL Members 71



Need a Club Badge?

Karen Freeman, KG6BNN
 310-541-6971



Need a Club Patch? Or a Club Jacket?

Dave Scholler, KG6BPH
 310-373-3816

Our San Pedro Cousin--the United Radio Amateur Club (URAC) just notified us that the Club is having its annual white elephant sale. They have acquired a Collins 75S-1, 312B-3, and 30L-1 a National NC183, a Johnson Matchbox, and a Johnson Viking Valiant.

They are also selling items from the estate of W6BGN-SK Emmett Ingram, who had dual membership in both URAC and PVARC.

The sale is this Friday 7 p.m. at their Club meeting. Directions to the meeting can be found at <http://www.k6aa.org/>

Cheap and Interesting Kits at:
 Hendricks QRP Kits

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

Board of Directors

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

Appointed Offices

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

Contacts

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



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

Check the PVARC website for all your options at:

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



Wanted for purchase :
 440 MHz mobile radio

Please contact Dave (Ward) KG6TAW
 at 310-200-1883



Field Day Signup Sheet

PEOPLE

Your Name Here

Field Day Chairperson(s) - Person(s) responsible for coordinating the event as a whole. (Grab a friend and offer to co-chair the event)

HF-SSB Station Chief - Manages the HF-SSB station (equipment, setup, operator schedule, teardown)

HF-CW Station Chief - Manages the HF-CW station (equipment, setup, operator schedule, teardown)

HF-GOTA Station Chief - Manages the HF-GOTA station (equipment, setup, operator schedule, teardown)

Safety Officer - Insures site safety (safety of erection and operation of antennas, generators, safe fueling, tripping hazards, etc)-- probably two or three people in shifts.

Publicity - Person who communicates with the media for the event and manages the information table during the event and other publicity items.

ARRL FD Bulletin Copier - A person who can copy the ARRL CW transmission to provide bonus points for the club.

Computer/Logging Chief - Provides and manages the computer logging equipment, handles the collection and input of paper logs.

ARRL Submission - Completes all paperwork for submission to ARRL of the computerized logs.

Site keys/sprinkler control - Arranges for sprinklers to be off in operating areas -- also coordinates with the High School for access/keys, etc. Needs to be done before the weekend (Last year we got wet!)

Operators and loggers for HF-SSB; HF-CW; HF- and GOTA;

Overnight operators (in shifts from dark to dawn--need people there to guard the equipment overnight)

Setup begins at 7:30 a.m. on Saturday.

Tear-down begins promptly at 11 a.m. on Sunday.



Field Day Signup Sheet

GEAR

Your Name Here

Radios:

HF SSB w/power supply (two of them)

HF-CW w/power supply (two of them)

VHF/UHF w/power supply

GOTA w/power supply

Antennas and Coax:

HF SSB Multiband Yagi, Dipole (two at least)

HF CW (Multiband Yagi, Dipole (two at least)

VHF/UHF (one)

GOTA (dipole or vertical)

Coax feedlines (25-50 feet each; three of them)

A batch of barrel connectors

Generators:

For HF, and CW stations

Generator Transport

Computers:

Need one for each station w/logging program

Tables, chairs, pads, pencils, paper, tents (2 of them)

lamps, cooling fans, and some etc. stuff.



2009 Palos Verdes Marathon

Denzel Dyer, KG6QWJ
denzel.dyer@verizon.net

Another Marathon (the 43rd) completed, though not as successfully as I had hoped because the repeater turned out not to work as well as it did last year. The operators at Point Fermin in particular had very little communication with net control. But next year will be better.

No rain, and the cool, cloudy morning was great for the runners, though I believe the winning runner was a few minutes slower than last year. The race finished much earlier this year, with almost all the runners back by 1 PM.

Very sincere thanks to the radio operators. Working roughly from southeast to northwest, there were:

Bill Leighton, KG6WVF, who had the challenging job of following the race director around with minimal radio communication.

Matt Cruse, N6MDC, at the start/finish line, also difficulty getting to Net Control

Chuck McCown, K6CTM, at Aid Station 1

Ray Day, N6HE, at Aid Station 2

Ginger Clark, KG6TAU, who started assisting at Aid 2 and moved to Aid 5

Homer Meek, K6HKT, at Aid Station 3

Steve Collins, KI6TEQ, at Aid Station 4

Joe, K5KT, and **Marian**, K5KKT, **Locascio** at Aid Station 5

Marty, KF6VSY, and **Lora**, KF6JLF, **Dodell** at Aid Stations 6 and 8 respectively

Jerry Shaw, KI6RRD, with wife, **Barbara**, KI6STY, and son **Jeremy**, KI6SUA, at the new Aid Station 7

Bill Harper, WA6ESC, at Aid Station 9

Mike Semos, N6DBS, at Aid Station 10

Joe Pace, NZ6L, at the turn-around.

Bryant Winchell, W2RGG, at the PVE command post

Diana Feinberg, AI6DF, and **Michael Barry**, KI6GTH, in Vans 1 and 2

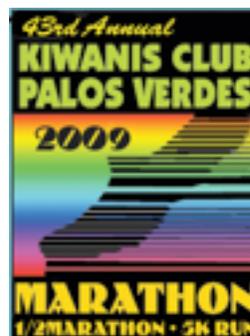
John Beckwith, N6JCB, and **James Keene**, WA0FMB, as Rovers 1 and 2

Helen Dyer, KI6VSB, as assistant NCO [Net Control Operator]

Dale Hanks, N6NNW, as overall backup.

As I have been saying, my time as NCO is finished, and volunteers are needed as replacements. This is excellent practice at practical operation of a net, with no requirement for great technical ability or expensive equipment. Everyone should have a shot at it for a year or two. I do recommend having both a NCO and a vice-NCO. That would provide backup for the NCO, and experience for the successor. Walt Ordway did all the organizational work, so that only a little updating is needed every Spring. Volunteer now - don't wait for the Spring rush.

Denzel Dyer KG6QWJ



ARRL Report May, 2009

Bryant Winchell, W2RGG

[*Note: To read the entire article referenced below go to <http://www.arrl.org/arrlletter/> and click on the appropriate Volume and Number.*]



WHEN VANDALS STRIKE INFRASTRUCTURE, HAMS PROVIDE COMMUNICATIONS SUPPORT

Just after midnight on April 9, someone climbed down four manholes in the San Jose, California area and cut underground fiber optic cables. The sabotage led to widespread disruption of phone service -- including tens of thousands of land lines, an undetermined number of cell phones, Internet access and 911 emergency service -- in southern Santa Clara County, as well as in Santa Cruz and San Benito counties. San Jose is the county seat of Santa Clara County. With the infrastructure disabled, local Emergency Management officials called on ham radio operators in their communities to provide back-up communications. According to the "San Jose Mercury News," Santa Clara County called a local state of emergency, "but worst-case scenarios were successfully avoided through use of ham radios, door-to-door checks and extra-vigilant patrols"

<http://www.mercurynews.com/centralcoast/ci_12121118?nclink_check=1>. Ref.: The ARRL Letter, Vol. 28, No. 15

FORUM SCHEDULE ANNOUNCED FOR 2009 DAYTON HAMVENTION

One of the many highlights at Dayton Hamvention is the myriad of educational and fun forums that take place the entire weekend at Hara Arena. The Dayton Amateur Radio Association has coordinated 45 unique programs that encompass nearly 80 hours of programs and activities for the thousands of people expected to attend these programs. Hamvention, the largest event of its kind, will be May 15-17 at Hara Arena in Dayton, Ohio. Please keep in mind that the schedule may change before Hamvention. Ref.: The ARRL Letter, Vol. 28, No. 15

BOSTON AREA HAMS PROVIDE COMMUNICATIONS SUPPORT FOR ANNUAL MARATHON

More than 250 Amateur Radio operators provided communication support for the 113th running of the Boston Marathon <<http://www.bostonmarathon.com>> on Monday, April 20, also known as Patriots' Day <http://en.wikipedia.org/wiki/Patriots_Day>. With more than 26,000 official runners and 500,000 spectators along the 26 mile route, the marathon utilized amateurs at the starting line, along the course at each water and first aid station, and at the finish line. Ref.: The ARRL Letter, Vol. 28, No. 16

THE 2009 ARRL NATIONAL CONVENTION AND DAYTON HAMVENTION: THIS WEEK-END!

On May 15-17, hams from all over the world will make their way to the Hara Arena, located in Trotwood, Ohio for the 2009 ARRL National Convention

<<http://www.arrl.org/announce/nc/2009/dayton.html>> and Dayton Hamvention

<<http://www.hamvention.org/>>. Held annually since 1952, Hamvention is one of the largest Amateur



Radio gatherings in the world. Keeping Up in Dayton If you can't make it to Dayton -- or even if you make the trek -- you can still catch all the latest news on the Convention's Weblog <<http://www.arrl.org/blog>. Ref.: The ARRL Letter, Vol. 28, No. 17

ARRL GRASSROOTS LEGISLATIVE ACTION COMMITTEE SOLICITS MEMBER SUPPORT FOR HR 2160

One of the biggest challenges that amateurs face is antenna restrictions -- those implemented by local governments and those originating from deed restrictions and building development covenants. As many hams know, the FCC's PRB-1 limited preemption order <http://www.arrl.org/FandES/field/regulations/PRB-1_Pkg/prb-1.pdf> offers amateurs some relief when facing zoning and building restrictions; however, PRB-1 does not extend to include covenants, conditions and restrictions (known as CC&Rs). These deed and property use restrictions strongly and negatively affect the ability of Amateur Radio Service licensees to perform valuable emergency and disaster communications. Finding a method to extend the PRB-1 protections is a key component of the ARRL Legislative Action Program <<http://www.arrl.org/govrelations/laprog-faq.html>>. Ref.: The ARRL Letter, Vol. 28, No. 18

FCC RELEASES REDACTED BPL CASE STUDIES AFTER ARRL FOIA REQUEST

Earlier this month, the FCC released the redacted portions of the studies on which they relied with regard to its Broadband over Powerline (BPL) rulemaking in 2004 after ARRL filed an Freedom of Information Act request <http://www.arrl.org/news/files/BPL_FOIA_Request033109.pdf> on March 31 for the studies. In October 2007, the US Court of Appeals for the District of Columbia Circuit heard ARRL's case against the Commission <<http://www.arrl.org/news/stories/2007/10/25/102/>>, stating, among other things, that the FCC not only withheld the internal studies until it was too late to comment, but had yet to release portions of studies that may not support its own conclusions regarding BPL. The FCC claimed that the studies were "internal communications" that it did not rely upon in reaching its decision to adopt the BPL rules. In its April 2008 ruling, the Court ordered the FCC to release the studies <<http://www.arrl.org/news/stories/2008/04/25/10064/>>. Ref.: The ARRL Letter, Vol. 28, No. 18

DX ACTIVITIES ABOUND AT ARRL EXPO AND NATIONAL CONVENTION

ARRL Membership and Volunteer Programs Manager Dave Patton, NN1N, reports that plans for a plethora of DX activities at the ARRL EXPO -- part of the 2009 ARRL National Convention at the Dayton Hamvention -- are wrapping up <<http://www.arrl.org/expo>>. "We are excited about the activities that will be taking place," he said. "Visitors to the EXPO will see a lot of activities relating to DX, including an expanded International Amateur Radio Union (IARU) <<http://www.iaru.org/>> area." The National Convention will take place May 15-17 at Hara Arena, located near Dayton, Ohio. Ref.: The ARRL Letter, Vol. 28, No. 18

When people say 'life is short', what does that mean? Life is the longest thing anyone ever does. What can you do that's longer?



Federal Help Coming with Antenna Restrictions Beyond PRB-1????

Bryant Winchell, W2RGG

[Note: This is an expanded comment to my regular ARRL Report due to the importance of HR 2160. The entire report can be found in the ARRL Report, Vol. 28, No 18 by going to <http://www.arrl.org/arrlletter/>. All hams, not just the ARRL members, should watch this development closely]



On April 29, Congresswoman Sheila Jackson-Lee (D-TX) introduced House Bill HR 2160 -- the Amateur Radio Emergency Communications Enhancement Act of 2009 <<http://www.arrl.org/news/stories/2009/04/30/10792/?nc=1>>. If enacted into law, HR 2160 would instruct the Secretary of Homeland Security to undertake a study and report its findings to Congress within 180 days. The study would spell out uses and capabilities of Amateur Radio communications in emergencies and disaster relief. The study shall: [among others]

- * Identify unreasonable or unnecessary impediments to enhanced Amateur Radio communications -- such as the effects of private land use regulations on residential antenna installations -- and make recommendations regarding such impediments.

- * Recommend whether Section 207 should be modified to prevent unreasonable private land use restrictions that impair the ability of amateurs to conduct, or prepare to conduct, emergency communications by means of effective outdoor antennas and support structures at reasonable heights and dimensions for the purpose in residential areas.

The bill does not automatically extend PRB-1 to include CC&Rs, but it takes a first big step in that direction by determining the extent that things such as CC&Rs impede the Amateur Service in performing public and emergency service communications.

HR 2160 has been assigned to the House Committee on Energy and Commerce. Getting the bill out of committee is the first major hurdle to overcome -- and that is where ARRL members play an essential role. As part of a phased campaign, members of the ARRL's Legislative Action Committee and Division Directors sent letters to some ARRL members earlier this week; these members reside in a congressional district whose Member of Congress serves on that committee. The next phase will include all ARRL members.

This first set of members was encouraged to send letters expressing their support of HR 2160 to their congressional representative via Chwat & Company, the League's Washington legislative consultant. Due to security measures imposed on mail sent to congressional personnel, representatives from Chwat will hand deliver the letters to the respective Member of Congress.



Amateur Radio Course FCC **“Technician”** course (entrée level)

This is a Two-Session course

August 15 and 22 10:00 a.m. to 2:00 p.m. (both Saturdays)

Plus:

The FCC test on Aug 29 from 1:30 to 3:30 PM

Cost \$14

All sessions and the FCC test are at:

Hesse Park

29301 Hawthorne Blvd.

Rancho Palos Verdes

- No pre-registration required -
- No fee for the course -

Optional Material

- Study book with FCC test questions, \$20 -
- Copy of my Power Point charts, \$10 -

Students thru grade 12 who take the course and get their Technician 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



K6PV

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

New Membership Application and Member Renewal Form

New: _____ or Renewal: _____ Membership Date: _____

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

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

Last Name: _____ First Name: _____ Spouse: _____

Street Address: _____

City: _____ Zip: _____

Phone: Home _____ Work _____ Cell _____

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

License Call: _____ License Class: _____ ARRL Member (?) _____ Birth Date: _____
(Only: Month - Day)

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

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

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

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

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

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

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

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