



CELEBRATING
40 YEARS,
1975-2015,
THE
PALOS
VERDES
AMATEUR
RADIO CLUB

QRO

MONTHLY NEWSLETTER OF THE PALOS VERDES AMATEUR RADIO CLUB

JULY 2015

It's Been 40 Years...

When the Palos Verdes Amateur Radio Club was conceived in June 1975 as the "Rancho Palos Verdes Amateur Radio Association" (*see the list of Charter Members on Page 2*) ham radio's future in the area looked uncertain. But times have greatly changed for the better since then.

Our July 15, 2015, meeting is more than the PVARC's 40th anniversary celebration. It will be an oral history on why our club started as well as the PVARC's many challenges, successes, events, and changes over four decades.

Please join us at Hesse Park for a "once-in-40-years" event. All members are welcome, whether old-timer or recently-joined, and no one is obligated to speak. We look forward to your help on July 15th as we celebrate and document our 40-year history. ■

"Celebrating the PVARC's 40th Anniversary--and Our History"

Speakers: Many PVARC members

**When: PVARC Monthly Meeting,
7:30 pm, Wednesday,
July 15, 2015.**

**Where: Hesse Park Activity Room,
29301 Hawthorne Blvd.,
Rancho Palos Verdes, CA 90275.
Visitors Welcome.**

Also, our optional pre-meeting dinner:
PVARC members and guests are welcome to join our speaker at a 5:30 pm no-host pre-meeting dinner at the Red Onion Restaurant, 736 Silver Spur Road, Rolling Hills Estates. We're always in one of the back rooms.

About our beginnings: Of 33 Charter Members, 5 still active in PVARC; 3 moved out-of-area; 19+ Silent Keys

"On February 10, 1976, the following group of Rancho Palos Verdes Radio Amateurs approved the original draft of the proposed constitution which thereby named it the official document for the formation of the Rancho Palos Verdes Amateur Radio Association, which Association would thereby be governed by this constitution henceforth.

...The above named members (*shown in table below*) are to be considered as Charter Members of the club."

Feb. 1976 call sign	Charter Member and current call, if different	Feb. 1976 call sign	Charter Member and current call, if different
K6BFS	Gary W. Stupian, W6LT	WA6NUL	DAVE HESSICK
WB6BJT	DANIEL W. COLBURN, W6DC	K6OPZ (SK)	Bill Hilliard
W6EMF (SK)	David P. Maltby	W6OXO	Joseph Lake
W6GGV	Hendrikus M. Meyer, Jr.	WA6PAS (SK)	L. T. Carter
WA6HIG (SK)	Emmett Ingram	W6PDB (SK)	Walter J. Madigan
WA6HXM	PETER VON HAGEN ♦	K6RQT (SK)	Ron Q. Terrey
W6IHF (SK)	Jack Fischer	WA6RZL	Frank Bayuk
K6IZB (SK)	Robert Boring	K6SVL (SK)	John Alexander ♦
W6JCS	Kingston G. Thiess	K6UM (SK)	R. S. Bailey
WA6JGX (SK)	Robert Frank	WA6UNU	M.S. Martin
K6KDS (SK)	Richard Miller	K6VGP	Dick McKay
W6KNC	John Cashen, W5UG	WB6VYX (SK)	John R. Shepherd
WA6LLY (SK)	Don Moses	WB6VYY	Ken D. Edwards, KE6NA
W6MRK (SK)	Joseph A. O'Brien	K6YQ (SK)	Paul H. Weiss
K6MXF (SK)	Hans Mahr	K6ZXE	Michael Gould, W6FI
WB6NJH (SK)	John E. Alter		
WA6NSR	DICK RATH		
W6NUI (SK)	Tom Rutherford ♦		

♦ **Founding Member.** *Although not on Charter Member list, John Browning, W6ASA (SK), is also credited as one of PVARC's four Founding Members.*

Charter Member calls and names shown in boldface and blue background are still active with the PVARC.

All things considered--including wind and rain--not a bad 2015 Field Day for us

By Diana Feinberg, AI6DF
PVARC President



This year's ARRL Field Day had weird weather for a summer weekend. But the PVARC had its largest people turnout in years and our highest Field Day point total since 2005. Thank you to everyone who made our 2015 Field Day a great one.

A blustery weather system affecting us was mild compared to the Northeastern U.S. where heavy rain soaked Field Day sites (see national weather radar map, below). Our club has had three Field Days since 2009 when lawn sprinklers unexpectedly blasted our stations overnight--but this year we had three brief rain periods and strong winds during the afternoon and evening hours. These winds completely lifted our SSB station canopy from its staked position and demolished the canopy as it blew over.

Reports from other ARRL LAX Section clubs indicated 40 and 20 meters were the two "money bands" for this year's Field Day. While 20 meters remained open until about 2:00 am Sunday, 40 meters proved to be a windfall for some clubs. One South Bay area club reported over 1,300 QSOs on 40 meters alone (combining CW and SSB) during Field Day's 24 hours. This year our SSB station didn't connect its 40-meter wire dipole to the radio, but we made 19 contacts on 40-meter phone from the CW tent around daybreak Sunday before returning to CW operation.

Continued on next page ►

National Weather Service Enhanced Radar Image

National Mosaic



by "City, St"

Base Reflectivity

Time of image: 1148 UTC 06/27/2015

Screenshot of national weather radar map: 4:48 am PDT, Saturday, June 27

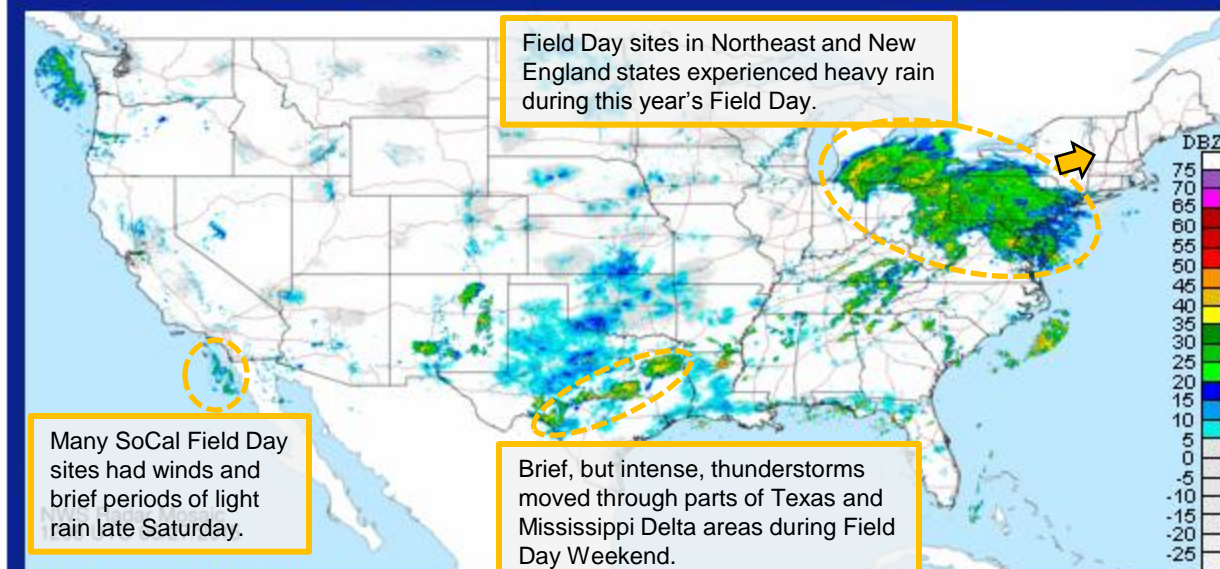
Full resolution version (3400x1700 pixels - Z20k)

Field Day sites in Northeast and New England states experienced heavy rain during this year's Field Day.

Many SoCal Field Day sites had winds and brief periods of light rain late Saturday.

Brief, but intense, thunderstorms moved through parts of Texas and Mississippi Delta areas during Field Day Weekend.

Go to: [Loop of this Image](#)



PVARC Field Day Recap

Rocco, N6KN, had a spectacular run at our CW station; many operated on SSB



► *Continued from previous page*

Our QSO story this year was on CW. PVARC member Rocco Lardiere, N6KN, aided by Ken Seidner, WA6DPQ, achieved our highest CW QSO count in recent years despite no CW operation from 9:00 pm Saturday to 6:30 am Sunday. Our CW contacts on 15 meters were double last year's.

On phone, our SSB station this year had tough conditions on 15 meters and made no contacts on 40 meters. But we were gratified so many club members had a chance to operate SSB. Our VHF/UHF and GOTA stations also did well and we are very appreciative to Mel Hughes, K6SY, and Chris Storey, KA6WNK, for overseeing these operations. Mel's VHF/UHF station was completely self-equipped and Chris brought everything for his GOTA station except canopy, furniture, and generator. ■

Field Day QSOs	CW -- K6PV					PHONE – K6PV				
<u>Band</u>	<u>2015</u>	<u>2014</u>	<u>2013</u>	<u>2012</u>	<u>2011</u>	<u>2015</u>	<u>2014</u>	<u>2013</u>	<u>2012</u>	<u>2011</u>
160m	--	--	--	--	--	--	--	--	--	--
80m	--	--	--	--	6	99	24	53	31	10
40m	121	160	206	--	179	19	107	27	24	17
20m	371	208	209	319	203	172	241	297	310	198
15m	364	180	167	389	256	113	211	91	273	58
10m	18	46	--	--	71	--	--	3	1	18
6m	--	--	--	--	--	99	115	55	47	108
2m	--	--	--	--	--	9	11	19	29	18
1.25m	--	--	--	--	--	--	3	--	--	14
Other	--	--	--	--	--	--	4	5	7	--
Satellite	--	--	--	--	--	1	1	--	1	--
GOTA	--	--	--	--	--	50	46	25	--	--
Total	874	594	582	708	715	562	763	575	723	441

PVARC Field Day Recap

K6PV's 2015 point score was our highest since 2005; we likely will finish 2nd in the LAX 2A category



Field Day Year * Indicates FD operations disrupted by lawn sprinklers overnight	(A) K6PV (as 2A Station) Total Points	(B) K6PV Rank of all U.S. & Canada Field Day stations (all categories)	(C) K6PV of all 2A in Southwest Division	(D) K6PV of all 2A in LAX Section
2015	5,780	???	???	???
2014	4,932	252nd of 2,686 (top 9% of all Field Day stations)	4th of 32	2nd of 9
2013*	4,248	331 st of 2,548	5 th of 26	1 st of 5
2012	5,188	259 th of 2,617	5 th of 24	1 st of 8
2011*	4,492	341 st of 2,632	6 th of 24	1 st of 5
2010	5,468	219 th of 2,617	5 th of 31	1 st of 8
2009*	3,930	391 st of 2,603	9 th of 27	3 rd of 7
2008	4,160	332 nd of 2,409	4 th of 27	1 st of 9
2007	3,216	511 th of 2,331	6 th of 28	2 nd of 7
2006	5,242	223 rd of 2,169	4 th of 30	2 nd of 5
2005	6,216	162 nd of 2,199	3 rd of 32	2 nd of 8
2004	7,118	126 th of 2,242	3 rd of 30	2 nd of 7
2003	6,192	126 th of 2,079	4 th of 37	3 rd of 8
2002	6,246	194 th of 2,099	3 rd of 28	1 st of 7

(We made sure the soccer field sprinklers were turned off in 2015.)

PVARC Field Day Recap

2015 Field Day Scenes



Top left: Bob, W6HIP; Dale, N6NNW; and Peter, KE6JPM, assemble Dale's 20-15-10 meter beam for SSB station. **Top right:** The GOTA station, with Cindy, KJ6NWO, operating; Chris ,KA6WNK, supervising; and Ralph, AI6GP, observing. **Above left:** The SSB station with Clay, AB9A, logging; Patrick, K6PDG, operating, and Nick, KB6PL, observing—before winds blew down the entire canopy (despite legs being staked into the lawn). **Above right:** The CW tent with Ken, WA6DPQ, logging, Rocco, N6KN, operating; and Thomas, KK6ULM, observing. PHOTOS: JOHN FREEMAN, WW6VWW



More FD photos are on PVARC website



Left: Mel, K6SY, brought his high-gain VHF-UHF log periodic antenna with rotator. **Above right:** K6PV tower trailer with hexbeam antenna for CW station at sundown. PHOTOS: CHRIS STOREY, KA6WNK

PVARC Field Day Recap

Thank you for making the PVARC's 2015 Field Day possible—and very successful



(Our apologies if you were not listed; let us know if that's the case.)

OPERATORS, LOGGERS, AND VISITORS

----- Andreas Siouris
 ----- Daisy Millard
 ----- Melissa Sutton
 AB6SY Bob Sylvest
 AB9A Clay Davis
 AH2CZ Bannister Bray
 AI6DF Diana Feinberg
 AI6GP Ralph Yoon
 K6GHL Greg Lund
 K6MRB Jerry Scheneman
 K6MUG Philip A Minch
 K6PDG Patrick Garvey
 K6SY Mel Hughes
 K6UU Norm Thorn
 KA6WNK Chris Storey
 KB6PL Nick Wagner
 KD6UAM Fred Spain
 KE6JI Robert P Millard,
 KE6JPM Peter Landon
 KF6JAO Jacqueline A Mathis
 KF6QFG Fran Wielin
 KF6QFH Sid Wielin
 KJ6HUJ Gary Kaneshiro
 KJ6NWO Cindy Matsuda
 KJ6RVU Michael H Vulpillat
 KK6BFI Laura Behenna
 KK6CYU John Jensen
 KK6CZC Blake Bartosh
 KK6OMT Mike Sutton
 KK6PRU Chris Siouris
 KK6QLY Susan P Siess
 KK6ULM Thomas Bacalja
 KK6ULN Candice Kawahara
 KM6DD Herb Clarkson
 KO6MD Malin Dollinger
 N6BXP Randy Tyndall
 N6KN Rocco Lardiere
 N6NNW Dale Hanks
 NZ6L Joe Pace
 W5UG John Cashen
 W6DC Dan Colburn
 W6EWS Eric W Siess
 W6GEZ Anthony Bressickello
 W6HIP Bob Closson
 WA6DPQ Ken Seidner
 WA6HXM Peter K Von Hagen
 WW6WW John Freeman

RADIOS

AI6DF Diana Feinberg
 K6SY Mel Hughes
 KA6WNK Chris Storey
 N6KN Rocco Lardiere

ANTENNAS & MAST SYSTEMS

AB9A Clay Davis
 K6SY Mel Hughes
 KA6WNK Chris Storey
 N6KN Rocco Lardiere
 N6NNW Dale Hanks

GENERATORS

AB6SY Bob Sylvest
 K6SY Mel Hughes
 K6UU Norm Thorn
 NZ6L Joe Pace
 W6DC Dan Colburn
 W6HIP Bob Closson

TENTS, CANOPIES, & FURNITURE

AI6DF Diana Feinberg
 K6SY Mel Hughes
 KE6JPM Peter Landon
 KF6QFG Fran Wielin
 KF6QFH Sid Wielin

FIELD DAY LOGS & DOCUMENTATION

K6JW Jeff Wolf

VISITING GOVERNMENT OFFICIALS

Brian Campbell, RPV City Councilmember;
 Marcelle McCullough, PVE Emergency
 Services Coordinator;
 Fran Wielin, PV Library District Trustee

VISITING ARRL PERSONNEL

David Greenhut, N6HD, LAX Section Mgr.
 Dr. Kate Hutton, K6HTN, LAX NTS Mgr.
 Mark Seigel, WA6MES
 Bruce Bolton, AG6YS

THANKS TO THE PALOS VERDES PENINSULA UNIFIED SCHOOL DISTRICT

Amy Bannerman
 Kris Stafford
 Ridgecrest Intermediate School

PVARC Short News Items

The PVARC's upcoming meeting topics...and beyond

There's no club meeting at Hesse Park in August. Instead we'll hold our annual family picnic at the Pt. Vicente Lighthouse from Noon to 2:00 pm on Sunday, August 16, during International Lighthouse & Lightship Weekend. We received U.S. Coast Guard permission to operate at Pt. Vicente for this year's ILLW but our radios will be inside the adjacent Museum building due to "environmental" concerns in the lighthouse itself. The Museum has nicer acoustics, a pervasive sense of history, and a restroom is in the back corner.

At our September 16 meeting PVARC members Blake Bartosh, KK6CZC, and Ray Day, N6HE, are presenting a "double-header" on two digital modes requiring very little power for making long-distance contacts. Blake will discuss the new one-way mode known as WSPR and Ray will cover the longer-established PSK31. We've never had a presentation on WSPR, so this will be new learning for most of us.

Elsewhere, the PVARC's International Lighthouse & Lightship Weekend presentation will be given next at HAMCON 2015--the 2015 ARRL Southwestern Division Convention--at the Torrance Marriott Hotel on Friday afternoon, September 11, when many convention attendees from Santa Barbara, the Inland Empire, and San Diego areas are expected to arrive. ■

Ham radio gets primary allocation on 1.9-2.0 MHz

Amateur radio also becomes primary in the 160-Meter band's 1.9-2.0 MHz segment, effective August 6, 2015, following the FCC's recent publication of a Notice of Proposed Rulemaking in the Federal Register.

Not many PVARC members are known to operate in the 160-meter amateur band, 1.8-2.0 MHz. But it's an exciting place for our club at Two Harbors on Catalina Island when our annual IOTA DXpedition coincides with CQ Magazine's Worldwide 160-Meter SSB Contest.

The CQ 160-Meter contest is very challenging because of the band's high noise floor, "limited" antennas for many participants, and until now confinement into just 90 kHz between 1.81-1.9 MHz. With so many stations competing in such a narrow spectrum (and many using high power, unlike us) it's a tough, but gratifying, contest.

The 1.9-2.0 MHz segment had been primary for now-outdated maritime radiolocation services such as the former LORAN stations. ■

We really need your help at HAMCON 2015, Sept. 11-13

The PVARC is responsible for staffing the Information Desk during September 11-13 at HAMCON 2015, the 2015 ARRL Southwestern Division Convention at the Torrance Marriott Hotel.

As with the 2011 convention, we need pairs of PVARC members for two-hour shifts at the Information Desk (seated at a prime location along the main corridor.) Please let Diana, AI6DF, know at dfeinberg@att.net if you can work any of the shifts below. You will need to register as a HAMCON attendee if you wish to enter the Vendor/Exhibitor Room or attend any of the 2nd-floor Tech Talk sessions. ■

Friday, Sept. 11

2:00-4:00 pm
4:00-6:00 pm
6:00-8:00 pm

Saturday, Sept. 12

7:00-9:00 am
9:00-11:00 am
11:00 am-1:00 pm
1:00-3:00 pm
3:00-5:00 pm

Sunday, Sept. 13

8:00-10:00 am
10:00 am-Noon

To see the Convention schedule, visit:

<http://www.hamconinc.org/conventionschedule.php>

Need a patch? New PVARC patches are here

If you want to buy a PVARC logo patch for a hat, shirt, jacket, soft-side bag or whatever there's now a new batch with higher-resolution stitching.

The new patches are available for \$4 each and available at all our meetings or by contacting Dave Scholler, KG6BPH, at 310-373-8166 (email jdavidscholler@hotmail.com.) If you order a PVARC club jacket one patch is sewn onto the jacket's left front and included in the cost. ■



The new PVARC patches (**left**) have brighter thread colors and higher-resolution stitching compared to our previous batch.

Dawne Wilhelm, WA6AET (SK), designed PVARC logo

We learned during Field Day weekend that our club logo designer, former PVARC member Dawne Wilhelm, WA6AET, became a Silent Key on June 17, 2015, at age 83. Funeral services were held in Hemet, CA, on June 27. She is survived by her husband of 64 years, Louis Wilhelm, WA6RAR. Dawne created our logo while a PVARC member in the early 1980's. She and Louis lived in San Juan Capistrano and Hemet after residing in Redondo Beach. ■



Dawne Wilhelm,
WA6AET (SK)

*Thanks to 1982
PVARC President
Randy Tyndall, N6BXP,
for advising about
Dawne's passing.*

◆ PVARC's financial report is available upon request to any member.

Palos Verdes Amateur Radio Club

An American Radio Relay League Affiliated-Club

Board of Directors:

President	Diana Feinberg, AI6DF
Vice President	Mike Caulfield, AF6VT
Treasurer	Peter Landon, KE6JPM
Secretary	Laura Behenna, KK6BFI
Directors	Clay Davis, AB9A, Ray Day, N6HE

Appointed Offices:

QRO Editor	Diana Feinberg, AI6DF
Webmaster	John Freeman, WW6WW
Club Librarian	Bryant Winchell, W2RGG
K6PV QSL Manager	Jeff Wolf, K6JW
K6PV Repeater Trustee	Mel Hughes, K6SY
LAACARC Delegate	Jeff Wolf, K6JW
VE Coordinator	Dave Scholler, KG6BPH
VE ARRL Liaison	Diana Feinberg, AI6DF
Net Control Operators	Malin Dollinger, KO6MD, Dale Hanks, N6NNW, Peter Landon, KE6JPM, Bob Sylvest, AB6SY, Dan Yang, K6DPY

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Palos Verdes Amateur Radio Club
PO Box 2316
Palos Verdes Peninsula, CA 90274-8316

Monthly Meetings:

Third Wednesday (except August and December) at 7:30 pm at Fred Hesse Park, 29301 Hawthorne Blvd., Rancho Palos Verdes, CA. Visitors always welcome.

Repeaters (Open, though often listed as "Closed"):

Club: K6PV, 447.120 MHz (-), PL 100.0, CTCSS
"PV-West": K6IUM, 449.980 MHz (-), PL 173.8, CTCSS

To order a Club badge:

Karen Freeman, KG6BNN, 310-541-6971

To order a Club jacket or patch:

Dave Scholler, KG6BPH, 310-373-8166

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Front page photo— *The Pt. Vicente Lighthouse photographed late on a July afternoon.*

PHOTO: DIANA FEINBERG, AI6DF

Summits on the Air (SOTA) – A fun ham radio pursuit

By Jerry Kendrick, NG6R

What wonderful diversity we're privileged to enjoy in our amateur radio hobby! Just when you think you've "done it all," another facet of ham radio reveals itself. No matter how long it's been since you were first licensed (56 years for me), you can still find an area of amateur radio that will elicit some of that excitement you felt in the beginning of your ham radio career, when every aspect was new.

I've recently discovered SOTA, short for Summits on the Air. I had heard of it and knew that it was somewhat like IOTA (Islands on the Air), in which hams try to "collect" islands around the world by making QSOs, exchanging signal reports and perhaps QSL cards. In SOTA, there are two types of participants, "activators" and "chasers." Their roles and behaviors are quite different. But, some hams choose to take on both roles at different times.

Activators are (generally) the hardy souls who pack up an HT or a QRP rig, a lightweight battery, some portable antennas and then climb/hike/bicycle or sometimes automobile to the summit of an identified/numbered mountain peak. They set up their rigs, erect their antenna(s) and set about to call "CQ SOTA."

Chasers are the other half of this synergistic duo. Chasers are the shack sloths who enjoy listening for those weak signals from faraway mountain peaks to see if they can establish contact. When they hear that familiar "CQ SOTA" from the activator, be it on 2m SSB, 2m FM simplex (can't use repeaters), HF CW or HF SSB, they answer the CQ and both activator and chaser then log the QSO into an on-line contact logging database.

Being a chaser is by far the easier of the two roles. No special gear is required, as your existing station configuration should enable you to make contact with many activators, if you know when, where and at what frequency/mode they'll activate.

Prior to making the climb, perhaps a day or two ahead, activators will have posted alerts to the SOTA community that they'll be ascending particular summits, approximately when they'll arrive and what frequencies/modes they'll use.



There are even "spotting" websites (and smart phone apps) for use by both activators and chasers that facilitate the task of getting the two halves connected—activators to chasers. Some astute activators even use APRS via cell phones with GPS to enable chasers to follow their progress as they trek up the mountains. For the chaser who's on stand-by, that removes guesswork for estimating when the activator will arrive at the summit.

What's in it for these folks? Why bother with becoming either kind of participant? Well, this can be a very addictive pursuit. It has the same kind of appeal as other aspects of ham radio that involve "collecting", e.g., DXCC, WAZ, WAC, WAS, county hunting, IOTA, numerous contests and others. It seems that we hams are most committed when we're in pursuit of some open-ended goal that involves collecting. SOTA has established a points/reward system that encourages portable operation in mountainous areas.

Points, ranging from 1 to 10 based on summit height, are awarded equally to both activator and chaser. A physically fit and eager activator might conquer more than a single summit in a day, maybe even three or four. On the other hand, a chaser can easily work a half dozen or more summits in just a few hours of careful listening. And yet they each get the same point score for a given summit.

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Summits on the Air (SOTA) – A fun ham radio pursuit

► *Continued from previous page*

An activator must make at least four contacts from the summit to claim the summit for points. Chasers have no such constraint and the point system is somewhat skewed toward rewarding them--without an adequate number of avid chasers, an activator might make an arduous trek to the summit pointlessly (pun intended).

A major point-level milestone for both activator and chaser is 1000 points. For the activator, it's called the Mountain Goat award; for the chaser, the Shack Sloth trophy (I'm not kidding!) I just recently reached that 1000-point chaser milestone, including multiple contacts with Australian and European QRP mountain-toppers.

Some activators pack an automobile with a powerful transceiver and substantial portable antenna to do a "drive-up" activation. This is a valid activation provided all gear fully separates from the vehicle and isn't reliant on it for power (or the power grid.)

At the other extreme, serious back-country mountain climbers pack a small CW rig, a lightweight battery, a "fishing pole vertical," and climb to sometimes-steep postage-stamp summits. These climbers might hike/climb for hours before reaching the summit. Once the requisite four contacts are made they can opt to trek back down. So, timing for interception with chasers who want the contact points can be tricky, especially if weather is a factor for quickly exiting the mountain. One very enthusiastic activator with the apt call sign, WGOAT, actually uses two pet goats to tote his ham gear to the summit and back.

SOTA is growing in popularity. Starting in the UK in 2002 it spread quickly through Europe and arrived in the States by 2007. There are over 100 SOTA Associations globally; 4,000 each of activators and chasers; and nearly 75,000 cataloged summits of which only about 25% have ever been activated.

Associations get rolled out slowly, since much time is required to identify and catalog mountain peaks, including exact summit elevation and Lat/Long.

Most European countries have only one Association but the U.S. has 32. Japan just rolled out its first 4 Associations in 2015. Within each Association are multiple Regions with sequentially numbered summits. In California the W6 Association has 16 Regions, many with only a dozen peaks but some W6 Regions have several hundred cataloged summits.

On our K6PV IOTA activation of Catalina Island earlier this year the PVARC's Mike Caulfield, AF6VT, and Joe Pace, NZ6L, became the first hams to activate SOTA W6/CC-068, Silver Peak. In a photo below, Mike is anticipating the hike to the summit.

Joe made UHF FM simplex contacts from atop Silver Peak using an HT. Mike is shown below atop the peak with his Elecraft KX3 and portable antenna making the four contacts to "activate" this summit.

SOTA has been designed to make participation attractive for many commitment levels. If hiking, mountain climbing or hill-topping isn't your thing, then SOTA chasing might be a better fit. To learn more about this increasingly popular ham radio "sport," visit SOTA's website <http://www.sota.org.uk> and look at the various pull-down menus on the home page, starting with "Joining In." ■



PHOTOS:
JOE PACE,
NZ6L

PVARC News:

Sign-up for HAMCON 2015 by July 31 at Early-Bird Rate



HAMCON 2015, the 2015 ARRL Southwestern Division Convention, comes to town September 11-13 at the Torrance Marriott Hotel adjacent to Del Amo Center.

One need not be an ARRL member to attend--all hams are welcome. The early registration fee is just \$22 through July 31 (\$27 thereafter), but you will learn and see a lot. All registrations also include four free door prize tickets—no additional tickets will be sold, making your chances of winning a ham radio prize equal to everyone else.

HAMCON will have four tracks of interesting concurrent talks on Emergency Communication; DXing and Contesting; General Amateur and Technical Topics; and Topics for Newer Hams.

HAMCON 2015 has already completely filled its 65-booth Vendor/Exhibitor Room in the Marriott's Grand Ballroom and several adjoining rooms. You'll be able to see and touch many brands of amateur equipment, including those not sold in ham radio stores (such as Elecraft and FlexRadio, to name two).

Keynote speakers for the Saturday lunch, Saturday night banquet, and Sunday breakfast will be announced in the months ahead. Attendees at each meal will participate in a special prize drawing following the speaker's program.

You can register by completing the form shown elsewhere in this QRO issue or by visiting HAMCON 2015's website at www.hamconinc.org and download a registration or register online using HAMCON's secure PayPal link.

The PVARC is one of 14 Los Angeles County and Orange County ham radio clubs behind HAMCON 2015. We'll be operating the Information Desk during the convention and hope many of our members can devote just two hours to staff our function. ■

WELCOME NEW MEMBERS OF THE PALOS VERDES AMATEUR RADIO CLUB IN 2014-2015

JAMES MAXWELL, W6JBN

CARL BARNES, AI6BA

ALLEN BINDER, KK6MNU

HENRY BREMER, KK6MNO

SCOTT HARTNETT, KK6MNM

JAMES LIAO, KK6MNT

KELVIN VANDERLIP, JR., KK6MNS

RON WAGNER, AC6RW

PAT BREWSTER, KK6KCL

LUIS CARRANZA, KK6PIN

JOSEPH ENFIELD, KK6PIO

CHRIS SIOURIS, KK6PRU

SUSAN SIESS, KK6QLY

GARY FORISTER, N6HMR

TREVA FORISTER, N6HMS

PATRICK GARVEY, K6PDG

DAVID HARMON, KE6OJN

JOHN JENSEN, KK6CYU

JAMES NADAL, WA6RYA

ENDAF BUCKLEY, KG6FIY

DARIN JAMES, KK6QLW

ANTHONY BURNS, KK6SPH

KATHY HAYNES, KK6SPG

ROBERT MILLARD, KE6JI

DAISY MILLARD, (XYL) KE6JI

J. BRANDLIN, KK6TXM

THOMAS BACALJA, KK6ULM

GREG LUND, AI6IV

CANDACE KAWAHARA, KK6ULN

TIM MEADOWS, KK6ULL

Support ARRL efforts for H.R. 1301 to allow reasonable antennas where currently restricted by CC&R's

From the ARRL website

The Amateur Radio Parity Act of 2015 -- H.R.1301 -- has been introduced in the US House of Representatives. The measure would direct the FCC to extend its rules relating to reasonable accommodation of Amateur Service communications to private land use restrictions. US Rep [Adam Kinzinger](#) (R-IL) introduced the bill on March 4 with 12 original co-sponsors from both sides of the aisle -- seven Republicans and five Democrats.

HR 1301 would require the FCC to amend its Part 97 Amateur Service rules to apply the three-part test of the [PRB-1](#) federal pre-emption policy to include homeowners' association regulations and deed restrictions, often referred to as "covenants, conditions, and restrictions" (CC&Rs). At present, PRB-1 only applies to state and local zoning laws and ordinances. The FCC has been reluctant to extend the same legal protections to include such private land-use agreements without direction from Congress. H.R. 1301 has been referred to the House Energy and Commerce Committee. Rep Greg Walden, W7EQI (R-OR), chairs that panel's Communications and Technology Subcommittee, which will consider the measure.

ARRL members are urged to contact their US House members and ask them to sign on to the bill as a co-sponsor. We recommend sending the letter to your member of Congress to:

ARRL
Attn: HR 1301 grassroots campaign
225 Main St
Newington CT 06111

A draft copy of a letter you may send to your House of Representatives member can be found at: <http://www.arrl.org/files/file/HR%201301/1301%20-%20draft%20letter.doc>. Please note: Do not address this letter to either of your U.S. Senators as HR 1301 is currently legislation pending in the House of Representatives, not the Senate.



ARRL Legislation

HR 1301: Let's Get it Done.

Show Your Support for HR-1301
The Amateur Radio Parity Act of 2015

▶ Learn More

Above: Screenshot from ARRL website, www.arrl.org

Palos Verdes Amateur Radio Club 2015 Calendar

January							February							March							April						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
				1	2	3	1	2	3	4	5	6	7	1	2	3	4	5	6	7				1	2	3	4
4	5	6	7	8	9	10	8	9	10	11	12	13	14	8	9	10	11	12	13	14	5	6	7	8	9	10	11
11	12	13	14	15	16	17	15	16	17	18	19	20	21	15	16	17	18	19	20	21	12	13	14	15	16	17	18
18	19	20	21	22	23	24	22	23	24	25	26	27	28	22	23	24	25	26	27	28	19	20	21	22	23	24	25
25	26	27	28	29	30	31								29	30	31					26	27	28	29	30		

May							June							July							August						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
31					1	2	1	2	3	4	5	6				1	2	3	4	30	31					1	
3	4	5	6	7	8	9	7	8	9	10	11	12	13	5	6	7	8	9	10	11	2	3	4	5	6	7	8
10	11	12	13	14	15	16	14	15	16	17	18	19	20	12	13	14	15	16	17	18	9	10	11	12	13	14	15
17	18	19	20	21	22	23	21	22	23	24	25	26	27	19	20	21	22	23	24	25	16	17	18	19	20	21	22
24	25	26	27	28	29	30	28	29	30					26	27	28	29	30	31	23	24	25	26	27	28	29	

September							October							November							December							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	
			1	2	3	4	5				1	2	3	1	2	3	4	5	6	7				1	2	3	4	5
6	7	8	9	10	11	12	4	5	6	7	8	9	10	8	9	10	11	12	13	14	6	7	8	9	10	11	12	
13	14	15	16	17	18	19	11	12	13	14	15	16	17	15	16	17	18	19	20	21	13	14	15	16	17	18	19	
20	21	22	23	24	25	26	18	19	20	21	22	23	24	22	23	24	25	26	27	28	20	21	22	23	24	25	26	
27	28	29	30				25	26	27	28	29	30	31	29	30						27	28	29	30	31			

2015 Major Contest Dates

- ARRL ■ CQ Magazine and Other
- Jan. 23-25: CQ Worldwide 160-Meter (CW)
- Jan. 24-25: ARRL January VHF Sweepstake
- Feb. 13-15: CQ Worldwide RTTY WPX
- Feb. 20-22: ARRL DX (CW)
- Feb. 28: North American RTTY QSO Party
- Feb. 28-29: CQ Worldwide 160-Meter (SSB)
- Mar. 6-8: ARRL DX (SSB)
- Mar. 27-29: CQ Worldwide SSB WPX
- May 29-31: CQ Worldwide CW WPX
- Jun. 13-14: ARRL June VHF Contest
- Jun. 27-28: ARRL Field Day
- July 11-12: IARU World Championships
- Jul. 18-19: CQ Worldwide VHF
- Jul. 18: North American RTTY QSO Party
- Aug. 1-2: ARRL UHF Contest
- Sept. 12-13: ARRL September VHF Contest
- Sept. 25-27: CQ Worldwide RTTY DX
- Oct. 3-4: California QSO Party
- Oct. 23-25: CQ Worldwide SSB DX
- Nov. 7-8: ARRL Sweepstakes (CW)
- Nov. 21-22: ARRL Sweepstakes (SSB)
- Nov. 27-29: CQ Worldwide CW DX
- Dec. 11-13: ARRL 10-Meter Contest
- Dec. 27-28: Worldwide Iron Ham Contest

 Club Meeting
 PVARC Public Service
 PVARC Ham License Class

PVARC Nets

Tuesdays at 7:30 pm on K6PV, 447.120 MHz (-), PL 100.0, and 144.910 MHz, Tone Squelch, PL 156.7

PVARC Meetings & Meals

Meetings 7:30 pm **3rd Wednesdays** except August and December at Fred Hesse Park, 29301 Hawthorne Blvd., Rancho Palos Verdes. Guests welcome. A no-host dinner at 5:30 pm before club meetings is held at the Red Onion Restaurant, 736 Silver Spur Road, Rolling Hills Estates.

3rd Sunday in August: Annual family picnic at Pt. Vicente Lighthouse.

December 10: Holiday dinner. Ports O'Call Restaurant, San Pedro.

Major Ham Radio Conventions

- Apr. 17-19:** International DX Convention, Visalia, CA
- May 15-17:** Dayton HamVention
- Sept. 11-13:** HAMCON 2015/ARRL Southwestern Div. Convention, Torrance Marriott Hotel

PVARC Public Service Events

- Apr. 26:** Ridgecrest Int. School 5K
- Aug. 8:** Rolling Hills Estates "Hills Are Alive" 5K/10K
- Sept. 7:** L.A. Harbor "Conquer the Bridge" Race
- Sept. 26:** RAT Beach Bike Tour
- Nov. 14:** P.V. Half-Marathon/10K

PVARC HF Operating Events

- Feb. 25-**
 - Mar 1:** Islands On The Air DXpedition, Catalina Island;
- June 27-28:** ARRL Field Day;
- Aug. 14-16:** Intl. Lighthouse Weekend, Pt. Vicente Lighthouse

PVARC Ham License Classes

Fred Hesse Park (Fireside Room), 29301 Hawthorne Blvd., Rancho P.V.

Feb. 21 & 28; May 2 & 16; July 25 & Aug. 1; 4th Qtr. TBA



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

**NEW MEMBER &
 MEMBERSHIP RENEWAL FORM**

NEW: _____ **RENEWAL:** _____ **MEMBERSHIP DATE:** _____

Last Name: _____ **First Name:** _____ **Spouse:** _____

Street Address: _____

City: _____ **Zip:** _____

Phone: Home _____ [] **Work** _____ [] **Cell** _____ []
 (please indicate [x] which number(s) [limited to two] you would like included in the PVARC roster)

Email address: _____

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

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

Other Amateur Radio Groups You Belong To _____

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.**

In applying for or renewing my membership in the Palos Verdes Amateur Radio Club, I agree to abide by the Club's constitution and by-laws (available on-line at: <http://www.palosverdes.com/pvarc/constitution.htm> or upon request.

Signature: _____ **Date:** _____

Family Member Signature: _____ **Date:** _____

Tell your friends and relatives about the PVARC's July-August 2015 Technician and General license classes



Whether for emergency communication, communicating around the world, or learning a bit about electronics, there's nothing else like amateur radio (also known as "ham radio"). Amateur radio operators have long provided the communication "when all else fails" during disasters. Please tell your friends and relatives that with a short course, they can join the over 710,000 men, women, and children in the United States from all walks of life who are licensed to operate ham radios.

Two Free Amateur Radio Courses

FCC **"Technician"** course (entry level)

FCC **"General"** course (2nd level)

Each course is 2 sessions

The next sessions are on July 25 and August 1, 2015

Technician 9:30 AM to 1:45 PM both Saturdays

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

FCC tests will be 10:00 AM to Noon on Saturday, August 8, 2015.

The Palos Verdes Amateur Radio Club will make a brief presentation at 9:30 AM at the start of the July 25 Technician class on how to get further involved with amateur radio.

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

Confirm your attendance to Walt, K1DFO at waltordway@juno.com

No fee for either course; taking the FCC Test is \$15. Optional Material (sold at cost):

- Gordon West book with all the FCC test questions,

\$22 for the Technician, \$26 for the General;

- Copy of PowerPoint charts: \$20 for the Technician, \$20 for the General.

For courses sponsored by the Palos Verdes Amateur Radio Club, students thru grade 12 who also pass their examination at a PVARC test session will, upon application to the Club, be eligible for reimbursement up to a maximum of \$50 to cover the cost of materials and the examination fee.

Everyone who obtains their first ham radio license through a PVARC test session, regardless of age, will receive a free membership in the Palos Verdes Amateur Radio Club for the remainder of the current calendar year.

For more information contact Walt, K1DFO, at waltordway@juno.com



HAMCON 2015 2015 ARRL Southwestern Division Convention

September 11-13, 2015
Torrance Marriott South Bay Hotel
3635 Fashion Way, Torrance, CA 90503

Convention Registration Form

Visit us at: www.hamconinc.org/

All attendees over 16 years old must have a separate paid registration; no charge for registered children under 16 when accompanied by paid Adult registrant. Children under 16 will receive different color ID.

Call Sign: _____

Last name: _____

First name: _____

Street or mailing address: _____

City: _____

State & ZIP Code: _____

E-mail address: _____

Phone: _____

Additional Attendee #1

Call Sign: _____

Adult: Child:

Last name: _____

First name: _____

Additional Attendee #2

Call Sign: _____

Adult: Child:

Last name: _____

First name: _____

Additional Attendee #3

Call Sign: _____

Adult: Child:

Last name: _____

First name: _____

Every adult Early Registrant receives a free Convention Pin or Patch (a \$5 value): # of Pins ____; Patches ____

	Per Person	x	Number	= \$ Total
Early Registration, postmarked by July 31, 2015:	\$22			
Regular Registration, Aug. 1-Sept. 13, 2015:	\$27			
Saturday Lunch** : __Chicken __Vegetarian	\$32			
Saturday Dinner** : __Chicken __Vegetarian	\$50			
Saturday Dinner** : __Beef (reflects hotel's cost)	\$58			
Sunday Breakfast** (plated meal: meat, eggs, +)	\$25			

** Each meal has a special prize drawing exclusively for attendees

Additional Convention Pins ____ or Patches ____ \$5 ea.

For discounted HAMCON room rates at the Torrance Marriott Hotel, visit www.hamconinc.org by Aug. 15, 2015; in Main Menu click on "Hotel Room Reservations"

Total Amount Paid:

Cash	Check
------	-------

Please send Registration Form and Check to:

HAMCON Inc.
c/o Margie Hoffman, KG6TBR
21612 Grovepark Dr.
Santa Clarita, CA 91350

For HAMCON staff use:
Registration received by: _____
Date received & registration #: _____
Amount received: \$ _____

Captions to photographs and other illustrations in this month's QRO

Certain software programs that convert the text of PDF files into spoken words reportedly have difficulty converting short stand-alone text items such as photo captions and text boxes. The following combines or explains all short text items in this month's QRO into a larger body of text to facilitate conversion into speech.

Page 1: The photograph at top shows the Pt. Vicente Lighthouse on a July afternoon.

Page 2: A table of call signs and names shows the PVARC's Charter Members in February 1976.

Page 3: An illustration at upper right is the ARRL 2015 Field Day logo. The illustration at the bottom is a National Weather Service composite radar map showing storm conditions across the United States on Field Day weekend.

Page 4: The illustration at upper right is the ARRL 2015 Field Day logo. A table of numbers across most of the page shows the contacts K6PV made on each amateur band using CW and SSB.

Page 5: The illustration at upper right is the ARRL 2015 Field Day logo. A table of numbers across most of the page shows K6PV's overall Field Day scores from 2002 through 2015, our annual rank across all Field Day stations in the U.S. and Canada, our rank among all 2A stations in the ARRL Southwestern Division, and our rank among all 2A stations in the ARRL LAX Section.

Page 6: Several photos of our Field Day have the captions: "Top left: Bob, W6HIP; Dale, N6NNW; and Peter, KE6JPM, assemble Dale's 20-15-10 meter beam for SSB station. Top right: The GOTA station, with Cindy, KJ6NWO, operating; Chris, KA6WNK, supervising; and Ralph, AI6GP, observing. Above left: The SSB station with Clay, AB9A, logging; Patrick, K6PDG, operating, and Nick, KB6PL, observing—before winds blew down the entire canopy (despite legs being staked into the lawn). Above right: The CW tent with Ken, WA6DPQ, logging, Rocco, N6KN, operating; and Thomas, KK6ULM, observing. PHOTOS: JOHN FREEMAN, WW6WW." Photos at the bottom of the page have the captions, "Left: Mel, K6SY, brought his high-gain VHF-UHF log periodic antenna with rotator. Above right: K6PV tower trailer with hexbeam antenna for CW station at sundown. PHOTOS: CHRIS STOREY, KA6WNK "

Page 7: The entire page lists all the club members who operated or came to Field Day, as well as those supplying equipment for our Field Day site.

Page 9: The photo at top left shows the PVARC embroidered patch. The photo at bottom left is of Dawne Wilhelm, WA6AET, who designed the PVARC logo.

Page 10: An illustration at upper right shows the Summits on the Air program's logo.

Page 11: Two photos at lower right show PVARC member Mike Caulfield, AF6VT, pointing to the summit of Catalina Island's Silver Peak and the other photo shows his operating atop Silver Peak with his Elecraft KX3 radio.

Page 12: An illustration at upper left is the logo for HAMCON 2015, the 2015 ARRL Southwestern Division Convention.

Page 13: An illustration at the bottom shows the United States Capitol Building as part of the ARRL campaign seeking support for House bill HR 1301.

Page 14: The entire page is the PVARC's 2015 activity calendar.

Page 15: The entire page is the PVARC membership form.

Page 16: The photo at upper left is a Kenwood HT radio as part of the announcement for our next ham radio license classes.

Page 17: The entire page is the registration form for HAMCON 2015, the 2015 ARRL Southwestern Division Convention.