



QRO

MONTHLY NEWSLETTER OF THE PALOS VERDES AMATEUR RADIO CLUB

JULY 2016

“Los Angeles County Public Safety Radio Systems”

Chris Storey, KA6WNK

Wednesday, July 20, 2016,
7:30 pm at Fred Hesse
Community Park,
29301 Hawthorne Blvd.,
Rancho Palos Verdes,
Visitors Welcome.

Optional no-host pre-meeting
dinner from 5:30-7:00 pm in the
Red Onion Restaurant, 706
Silver Spur Road, Rolling Hills
Estates (no reservation
required, order what you wish
from the full menu.)

The L.A. County public safety radio systems that serve us

PVARC member Chris Storey, KA6WNK, will give a unique presentation about the Los Angeles County public safety radio systems at our July 20th meeting.

Chris’ day job is as a public safety dispatcher for the Sheriff’s Department. His talk, as he describes it, is a “how we do it and what we are able to do, with some technical explanation of what it takes to provide solid radio coverage throughout the entire county considering the terrain and size of the region we need to cover.”

Our club has benefitted from Chris’ radio experience during Catalina Island IOTA DXpeditions and several of our recent Field Days where he oversaw our Get On The Air station.

Be sure to attend this interesting talk and don’t forget our pre-meeting dinner at the Red Onion Restaurant as well. ■

Congratulations to L.A. County hams providing emergency communication

L.A. County Board of Supervisors issues proclamation declaring “Amateur Radio Month”—and thanking you

By Diana Feinberg, AI6DF
PVARC President

All amateur radio operators in Los Angeles County involved with providing emergency radio communication can take pride in a wonderful moment on Tuesday, June 28, 2016.

The Los Angeles County Board of Supervisors issued a proclamation at the start of their regular meeting declaring “Amateur Radio Month in Los Angeles County” and acknowledging the extensive voluntary efforts of hams to serve the public. The entire proclamation is shown at left.

Sponsored by Supervisor Sheila Kuehl (3rd Supervisorial District) this proclamation was issued to the ARRL as the national amateur radio organization on behalf of **all** hams at County, City, ARRL, or other levels who voluntarily provide and train for emergency communication when it is needed here.

In my other capacity as ARRL Los Angeles Section Manager it was an honor to accept this proclamation for all L.A. County hams and speak for 45 seconds about amateur radio.

Accepting the proclamation with me were Marty Woll, N6VI and ARRL Southwestern Division Vice-Director, and Dr. Kate Hutton, K6HTN, and LAX National Traffic Section head. ■



PVARC's 2016 ARRL Field Day had fewer points than in 2015, but benefitted from an incredible CW effort

Field Day Year * Indicates FD operations disrupted by lawn sprinklers overnight	(A) K6PV (2A Station) Total Points	(B) K6PV Rank of all U.S. & Canada Field Day stations (all classes)	(C) K6PV of all 2A stations in Southwest Division	(D) K6PV of all 2A stations, ARRL LAX Section
2016	4,742	?	?	?
2015	5,780	193 rd of 2,270 (top 7% of all FD stations)	4 th of 27	3 rd of 9
2014	4,932	252 nd of 2,686 (top 9% of all Field Day stations)	4 th of 32	2 nd 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

The PVARC's 2016 Field Day was a more-modest activity than those of recent years. This year we had no GOTA station, no satellite contact, and did not pursue some other bonus points we typically seek.

But we had a spectacular Field Day on CW thanks to our ace operators Rocco Lardiere, N6KN, and Jerry Kendrick, NG6R. More on that in a minute.

Our 4,742 points this year were less than in some recent years, in large part due to band conditions on SSB, some gaps in our SSB station manning, and possibly a coax issue.

Compared to many other Field Day sites we had a narrow time window to set up our stations: just three hours from 8:00 am Saturday until the on-air start at 11:00 am. Thank you to all who got us on the air.

Continued on next page ►

2016 Field Day Report: Band conditions great for CW, ...*Not the greatest for SSB*

► *Continued from previous page*

As shown below, our CW operators had a spectacular run with 608 QSOs on 20-meters plus a great performance on 80 and 40 meters. The 15-meter band was not as productive in the 2016 Field Day for both CW and phone operators—a phenomenon also reported by other clubs. 10-meters was missing in action this year. Our 931 total CW contacts is the highest we've achieved in recent memory thanks to the efforts of Rocco and Jerry. Our HF SSB station had some challenges this year but still logged 182 QSOs while Bob Millard, KE6JI, operated our VHF/UHF station and got 52 QSOs within just a few hours of time spent. Thank you to all our operators. ■

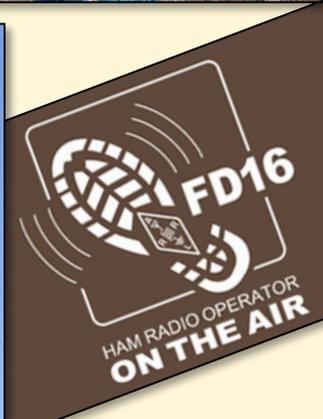
Field Day	CW QSOs -- K6PV						PHONE QSOs-- K6PV					
Band	2016	2015	2014	2013	2012	2011	2016	2015	2014	2013	2012	2011
160m	--	--	--	--	--	--	--	--	--	--	--	--
80m	64	--	--	--	--	6	--	99	24	53	31	10
40m	150	121	160	206	--	179	55	19	107	27	24	17
20m	608	371	208	209	319	203	118	172	241	297	310	198
15m	104	364	180	167	389	256	9	113	211	91	273	58
10m	5	18	46	--	--	71	--	--	--	3	1	18
6m	--	--	--	--	--	--	28	99	115	55	47	108
2m	--	--	--	--	--	--	20	9	11	19	29	18
1.25m	--	--	--	--	--	--	--	--	3	--	--	14
Other	--	--	--	--	--	--	4	--	4	5	7	--
Satellite	--	--	--	--	--	--	--	1	1	--	1	--
GOTA	--	--	--	--	--	--	--	50	46	25	--	--
Total	931	874	594	582	708	715	234	562	763	575	723	441

Photos from our 2016 Field Day at Ridgcrest Intermediate School



Top left: Assembling hexbeam antenna for the CW station. From L-R, Sid Wielin, KG6QFH; Laura Behenna, KK6BFI; Clay Davis (on chair), AB9A; and Rocco Lardiere, N6KN. PHOTO: DIANA FEINBERG, AI6DF

Below: Sid Wielin, KG6QFH; and Clay Davis AB9A, assemble hexbeam spreaders. PHOTO: JOHN FREEMAN, WW6WW



Above: Fully assembled CW station antenna for K6PV. PHOTO: MALIN DOLLINGER, KO6MD

Right: Raising the SSB station's tri-band yagi and mast owned by Dale, N6NNW. PHOTO: BOB MILLARD, KE6JI



Photos from our 2016 Field Day at Ridgecrest Intermediate School



Top left: Bob Millard, KE6JI, operating our VHF/UHF station this year using his "go-box" radio setup.

Top right: Our SSB station at the start of Field Day, with W6HIP solar panel on left.

PHOTOS: JOHN FREEMAN, WW6WW

Middle left: Clay Davis, AB9A, logging and Peter Landon, KE6JPM, operating the SSB station during final moments of Field Day on Sunday.

Bottom left: Rocco Lardiere, N6KN, after the 900th CW QSO on Sunday morning.

PHOTOS: DIANA FEINBERG, AI6DF



Thank you to all PVARC members and guests who made this year's Field Day a reality



Operators and Attendees

W6HIP	Bob Closson
KE6JI	Bob Millard
AB6SY	Bob Sylvest
KA6UHM	Brian Tilley
WB6MCW	Carlos Lemmi
KJ6NWO	Cindy Matsuda
AB9A	Clay Davis
KI6KUK	Curtis Watanabe
KK6EOW	Debbie Marschke
N6NNW	Dale Hanks
AI6DF	Diana Feinberg
WA6NSR	Dick Rath
	Ernie Hanks
KD6UAM	Fred Spain
KJ6HUJ	Gary Kaneshiro
WA6MEM	Gary Lopes
KF6JAO	Jacqui Mathis
NG6R	Jerry Kendrick
WW6WW	John Freeman
W6KCV	Kelvin Vanderlip
KK6BFI	Laura Behenna
KO6MD	Malin Dollinger
KE6JPM	Peter Landon
WA6HXM	Peter Von Hagen
AI6GP	Ralph Yoon
N6KN	Rocco Lardiere
KE6SGN	Ronnie Lemmi
KG6QFH	Sid Wielin
KK6EOS	Steve Marschke
WA6LKV	Taffy Rath

Our apologies if you came to our Field Day site but are not listed. We relied on our Field Day sign-in sheets for compiling this list.

Radios, Antennas, Masts

KE6JI	Bob Millard
N6NNW	Dale Hanks
AI6DF	Diana Feinberg
N6KN	Rocco Lardiere

Generators (incl. back-ups) & Solar Power

W6HIP	Bob Closson
AB6SY	Bob Sylvest
WB6MCW	Carlos Lemmi
N6NNW	Dale Hanks
W6DC	Dan Colburn
NG6R	Jerry Kendrick
K1DFO	Walt Ordway

Thank

Tents & Furniture

AI6DF	Diana Feinberg
KE6JPM	Peter Landon
KG6QFH	Sid Wielin

Site Setup & Take-Down

W6HIP	Bob Closson
KE6JI	Bob Millard
AB9A	Clay Davis
N6NNW	Dale Hanks
AI6DF	Diana Feinberg
	Ernie Hanks
WA6MEM	Gary Lopes
W6KCV	Kelvin Vanderlop
KK6BFI	Laura Behenna
KE6JPM	Peter Landon
N6KN	Rocco Lardiere
KG6QFH	Sid Wielin

Thanks also to the Palos Verdes Peninsula Unified School District and Ridgecrest Intermediate School for allowing us to use their campus. ■

Operating with High SWR....just don't forget the matchbox

By Jerry Kendrick, NG6R

In the April 2016 **QRO** article entitled "A Matchbox Design Example" a brief explanation was given of Standing Wave Ratio (SWR). The importance of keeping SWR close to the ideal value of 1:1 was emphasized, because at this ratio the transmitter (which ideally wants to work into a load impedance of 50 ohms) is able to pass its full output power into the antenna system. Recall that the "antenna system" includes the antenna tuner, any SWR meter, the antenna itself and all intervening coaxial cables, baluns and connectors. However, since few antennas (even "ideal" ones) are ever 50 ohms resistive—remember that the "ideal" dipole is 72 ohms and the "ideal" vertical is 36 ohms—the maximum benefit of radiating all or most of the output power from the transmitter cannot be achieved without the use of a matchbox. So, the need to use a matchbox (antenna tuner) to enable the most efficient radiation from whatever antenna is chosen cannot be overemphasized.

While the term "antenna tuner" is often used, remember that the function of this unit is to please the transmitter, not to tune the antenna. By altering the impedance of the antenna system to make it look like a 50 ohm load, the antenna tuner changes the output load impedance into one that the transmitter likes best.

Of course, questions are sometimes asked (and misconceptions still persist) about what effect high SWR after the matchbox actually has on radiated energy, i.e., the effect of high SWR on the coax between the matchbox and the antenna. This article briefly discusses this concept and hopefully assures the reader that this effect is tolerable in most cases.

Let's examine the elements of the antenna system relative to the effects of SWR. Assume that the antenna tuner is sitting on the shack desktop along with a meter that can measure the SWR (as seen by the transmitter) both with and without the antenna tuner in the circuit. Assume a 100 watt transmitter output power and operation at 7.2 MHz. Assume a 100-foot length of typical RG-213 coax (Belden 8267) between the shack and the antenna with its loss of 0.53 dB/100 feet. So, even if the antenna was a perfect 50 ohms resistive load (unlikely), resulting in an SWR of 1:1, only about 88.6 watts of power would be delivered to the antenna for radiation; the other 11.4 watts would be lost due to leakage and I-squared-R heat in the coaxial cable.

Now, assume a more realistic example of an antenna system with an SWR of 3:1. It's clear that the matchbox now should be employed to reduce the SWR. After properly tuning the matchbox, the SWR (as seen by the transmitter) is once again 1:1; however, the SWR on the coax between the matchbox and the antenna is still the same 3:1—it has not been altered by employing the antenna tuner to make the transmitter happy. So, now what is the radiated power from the antenna?

Continued on next page ►

Operating with High SWR....just don't forget the matchbox

► *Continued from previous page*

Remember that each time a signal travels the length of the 100-foot coax it loses energy, whether it's traveling forward (toward the antenna) or reverse (back from the antenna toward the antenna tuner). But, also recall that the reflected signal reverses its polarity at each end of the reflection (both at the antenna and at the tuner). So, in effect, the reflected signal traveling out from the tuner toward the antenna is back in sync with the original signal, actually strengthening it slightly. This process continues many times as the reflected signal becomes progressively weaker each traverse of the coax. The effect is that some additional energy is lost in the coax because of this SWR, but it isn't as high as might be imagined with such a high SWR. Remember that the high voltage resulting from an SWR of 3:1 could very easily damage some transceiver or linear amplifier final output stages. That is why many transmitters preclude operation or scale back power when such high SWR readings are encountered.

There are on-line calculators that compute the effect of SWR on coax I-squared-R heat loss and hence antenna radiated power loss. One such calculator, found at http://www.qsl.net/co8tw/Coax_Calculator.htm can be employed to answer the question posed above. The additional signal loss in the coax due to the high SWR is 0.3 dB over the 100 feet, resulting in a total output power to the antenna of 82.7 watts (compared to 88.6 W at an SWR of 1:1).

It should be emphasized that, while this additional "SWR loss" isn't trivial, neither is it a huge penalty to pay for operating an antenna well away from its resonant frequency. Many hams, particularly those new to HF operations, have an expectation that an antenna must be cut for resonance—that trying to operate an antenna away from resonance makes it ineffective. Generally, that isn't true. The antenna can be quite effective operating well away from its resonant frequency, provided that care is taken to assure maximum transfer of power from the transmitter into the antenna system by using a matchbox. ■

PVARC HF Enthusiasts Group still very enthusiastic

Our club's "HF Enthusiasts Group" meets on the 2nd Saturday morning each month to exchange knowledge and thoughts about the HF bands.

At the July 9, 2016, HF Enthusiasts meeting topics covered included: Clay, AB9A, showing his latest Arduino CW keyer with a USB port; Jeff, K6JW, mentioned he is now at 323 DXCC confirmed entities after receiving a QSL card recently—he needs 329 to qualify for DXCC Honor Roll; Kelvin, formerly KK6MNS, has a new vanity call sign W6KCV and did all the FCC paperwork himself; Carlos, WB6MCW, showed his home-brew rig speaker that doubles as an audio filter through clever design; and Jerry, NG6R, showed his "Summits On The Air" super lightweight CW paddle keyer. For information about the next HF Enthusiasts meeting on Saturday, August 13, contact Ray Day, N6HE, at rayday@cox.net.

Free ARRL webinar: Learn contesting skills to help your public service skills

A free ARRL Training Webinar, "Contesting as Training for Public Service," hosted by Ward Silver, N0AX, will take place on Sunday, July 24, 8 until 10 PM EDT (0000-0200 UTC on July 25). All are invited to join the audio-slide presentation online or via telephone.

"Think of contests as a ham radio fitness center," Silver said. "Public service teams are always looking for enjoyable activities to improve operator skills. Just as sports provide good physical exercise, contests are great at developing radio skills, and both are a lot of fun." Silver pointed out that contests originated as a way to hone traffic-handling skills and develop an effective station.

Registration is required. ■

A few more operators needed for Hills Are Alive 10K, "Conquer the Bridge"

Walt Ordway, K1DFO, still needs several more operators for our next public service event, the Rolling Hills Estates "Hills Are Alive 10K/5K Run/Walk" on Saturday, August 13. Contact him at waltordway@juno.com if you can help. This run along city horse trails raises funds for the Peppertree Foundation that helps maintain parklands in Rolling Hills Estates. The 10K race's normal loop through the Botanic Gardens will not be available this year, so this year's starting point will be Ernie Howlett Park, 25851 Hawthorne Blvd..

Walt also needs several additional operators for our following public service event, the 8th annual "Conquer the Bridge" run/walk across the Vincent Thomas Bridge spanning Los Angeles Harbor on Labor Day, September 5th. Please let Walt know if you can operate there. ■

◆ 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	Laura Behenna, KK6BFI
Treasurer	Bob Sylvest, AB6SY
Secretary	Ron Wagner, AC6RW
Directors	Clay Davis, AB9A, Ray Day, N6HE
Past Vice President	Mike Caulfield, AF6VT

Appointed Offices:

QRO Editor	Diana Feinberg, AI6DF
Webmaster	John Freeman, WW6WW
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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, Bob Sylvest, AB6SY, Ron Wagner, AC6RW, Dan Yang, K6DPY

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Mailing Address:

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 — *First light reaches Pt. Vicente Lighthouse at 0610 hours on August 17, 2014, photographed during that year's International Lighthouse & Lightship Weekend.*
PHOTO: DIANA FEINBERG, AI6DF

PVARC Short News Items

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

PVARC members are presenting at PVARC meetings and those of other clubs during the remaining months of 2016—and an interesting visitor is also presenting at the PVARC.

We have no club meeting in August. Instead, our annual family picnic is **Sunday, August 21**, 12:30 pm at the Pt. Vicente Lighthouse in conjunction with International Lighthouse & Lightship Weekend, August 19-21. Our request to use Pt. Vicente Lighthouse grounds recently received U.S. Coast Guard approval.

At our **September 21** monthly meeting PVARC member Rocco Lardiere, N6KN, will give present how to restore older amateur radios. Rocco has acquired many vintage amateur radios and will discuss how to bring these to full operating condition. His working radio collection is extensive and fascinating

Our **October 19th** meeting features Doug Dowds, W6HB, founder and President of the Battleship Iowa Amateur Radio Association. He will present a history of this famous ship now docked in Los Angeles Harbor and its radio operations (both the military side and its new on-board ham radio station.)

Two PVARC Board members, Clay Davis AB9A and Bob Sylvest AB6SY, have developed a very exciting comprehensive presentation about "Solar Energy for Amateur Radio." This talk will be given at our **November 16** monthly meeting.

Finally, our annual Holiday Dinner is **Thursday, December 8, 2016**, at the Los Verdes Golf Course in Rancho Palos Verdes (please note the change to a Thursday evening) with a program to be announced.

Meanwhile, the PVARC's Lighthouse Weekend presentation will be given to two North County clubs in the months ahead. Your **QRO** Editor Diana, AI6DF, is scheduled to present "Amateur Radio's International Lighthouse & Lightship Weekend" to the Santa Clarita Amateur Radio Club in Newhall on August 17 and at the Antelope Valley ARC in Lancaster on September 22. She is also presenting "Recent and Upcoming Developments in the 220 MHz Amateur Band" at the San Fernando Valley Amateur Radio Club on October 21 and the Associated Radio Amateurs of Long Beach meeting on November 4. ■



Need a PVARC patch?

If you want a PVARC logo patch for a hat, shirt, jacket, soft-side bag or whatever we have a new batch with higher-resolution stitching.

New patches are available for \$4 each at all our meetings or by contacting Dave Scholler, KG6BPH, at 310-373-8166 (or email him at: jdavidsscholler@hotmail.com .) If you order a PVARC club jacket one patch is sewn onto the jacket's left front and included in the cost. These jackets may also be ordered through Dave Scholler. ■

PVARC News Items

Is there a PVARC Interest Group in your future?

The PVARC's HF Enthusiasts Group held its second meeting Saturday, June 11, with nine club members attending. The next HF Enthusiasts Group meeting will be July 9 at the home of Ray Day, N6HE.

We were considering a second group to meet monthly or bi-monthly as an "Emergency Communications Interest Group" but to-date only received six expressions of interest.

A complicating factor is that Diana, AI6DF, had intended to lead this group but she was unexpectedly appointed ARRL Los Angeles Section Manager, effective June 1. She will now be spending numerous Saturdays at ham radio meetings and events throughout the county and region.

Additional information about the "Emergency Communications Interest Group" will be forthcoming if more members wish to participate and another leader is found. ■

Helpful guidelines when submitting QRO articles

Our **QRO** newsletter welcomes articles about technical subjects and PVARC members' amateur radio activities of interest to fellow club members.

To facilitate layout and editing using the software that produces **QRO** please send your article as two separate files: 1) all the text as a straight Microsoft Word file and 2) any photos, illustrations, or diagrams in a second file or as separate JPEG files. If possible please keep the text portion to not exceed 800 words. Thanks! ■

WELCOME NEW MEMBERS OF THE PALOS VERDES AMATEUR RADIO CLUB

IN 2015-2016

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
 JOHN CASHEN, W5UG
 (RETURNING MEMBER)
 INGO WERK, KK6EWB
 TOM BUDAR, K6RPV
 JONATHAN GREEN, KK6VWK
 SAEHUI HWANG, KM6BCO
 MARK CHILDIR, KM6BCL
 DALE GEHR, KM6BCI
 ROMYLEEN MITRA, KM6BCJ
 NICHOLAS KOWALCZYK, KM6BCN
 ANNETTE SOLOMON, KM6DRA
 BRUCE GILBERT, KM6DQX
 CARL HINDMAN, KM6DRB
 HUGO DOMINGUEZ, JR., KM6DQU,
 JARED BOCKOFF, KM6DQV
 STEVE WRAY, KM6DQW
 THEODORE LEY, KM6DRC

PVARC's Dan Colburn, W6DC, recognized in PV News guest commentary article on Memorial Day

This guest commentary appeared in the June 22, 2016, issue of *The Palos Verdes Peninsula News* and is reprinted with permission from the newspaper's editor Ed Pillolla.

By Gail Lorenzen

Memorial Day was set aside as a day to honor our past and present military heroes. Green Hills Memorial Park hosted its annual ceremony last month with a flag-raising, pipe bands, a parade of military and law enforcement groups, a 21-gun salute, taps and a white dove release.

The Palos Verdes Symphonic Band also honored our military with a musical tribute to all branches of the armed services, whose members stood up when their theme song was played. When it was time for World War II vets to stand up, only two stood up. One was Captain Dan Colburn of Rancho Palos Verdes who flew a PBM amphibious aircraft during World War II.

The excellent speaker that day was Rear Admiral James Loeblein, Commander of Carrier Strike Group 1. Admiral Loeblein graciously took some time out to visit with Dan and pose for photos. Although Dan's service was decades before Admiral Loeblein, they still shared a common bond of service to their country and huge respect for their fellow military comrades.

In Dan's home, there is still a 25-cent How-To-Fly booklet printed by Standard Oil in the 1930s. At age 11, Dan absorbed it, studying every instruction. He couldn't wait to fly in the military. So at 18 years of age, he went to Navy flight school and was shipped overseas on Aug. 31, 1944. A week earlier, he got married and had a seven-day honeymoon before he left for Japan. Dan flew support in Saipan, Iwo Jima and Okinawa. He also received two Distinguished Flying Crosses and three Air Medals for his service.

Dan was one of the first men ashore in Tokyo. Before the Japanese surrender was officially signed on the USS Missouri, a junior officer from



Rear Admiral James Loeblein, left, and Captain Dan Colburn (USN Ret.) of Rancho Palos Verdes at Green Hills Memorial Park on Memorial Day 2016. The PVARC also knows Dan as W6DC.

PHOTO COURTESY OF PALOS VERDES PENINSULA NEWS

the ship sent Dan and four other men ashore. They were assigned a translator, whom Dan said spoke no English, and they were assigned to a prison to ensure good treatment of prisoners of war. That was how he spent his first week in Tokyo.

Dan, 93, is a storyteller and can remember dates, times and incidents prolifically, including his sea landing and plane repair 500 miles from anywhere. And after landing from a 6 a.m. flight over Hiroshima, his skipper met him at the gangway saying, "They dropped the bomb." Dan kept flying after the war as a test pilot and pilot trainer for Douglas Aircraft. Dan, who was a neighborhood watch block captain for 18 years, is still a volunteer at Torrance Memorial Medical Center.

Dan's, Admiral Loeblein's and other veterans' love of country, family, honor, duty, service and sacrifice were instrumental in giving us the freedoms that we enjoy today.

Gail Lorenzen lives in Rancho Palos Verdes and is the head of the city's neighborhood watch program. ■

Equipment from PVARC members

FOR SALE: Kenwood TS-590S (SN B2B00191)

The Kenwood TS-590S covers all bands 160 through 6 meters at 100 watts on SSB, CW, FSK, and FM, and 25 watts on AM. It has IF DSP, a built-in antenna tuner, and USB output for direct connection to a computer. The display color can be set by the user to either amber or green. The radio has Kenwood's digital recorder (VGS-1) installed.

The package includes the transceiver, original Kenwood microphone, original manual, power cable, and it will be delivered in the original double carton (triple boxed).

The radio has been updated with the most current Kenwood firmware version and the microprocessor will be reset to factory defaults. The radio is in excellent cosmetic and functional condition. Asking \$900 plus \$50 for insured shipping to the lower 48.

Contact Jeff, K6JW, at k6jw@arrl.net for further information.



Photos: Jeff Wolf, K6JW

FREE: DirecTv dish antenna

There's no photo shown—because you undoubtedly know what it looks like—but PVARC member Steve Barryte, K16GUY, has a free DirecTv dish antenna with mounting hardware for any interested club member. Steve rescued this DirecTv antenna from his neighbor's home as the neighbor was moving. Contact Steve at: sebarryte@cox.net.

Palos Verdes Amateur Radio Club 2016 Calendar

2016 Major Contest Dates

■ ARRL ■ CQ Magazine and Other

- Jan. 29-31: CQ Worldwide 160-Meter (CW)
- Jan. 31-Feb 2: ARRL January VHF Sweepstakes
- Feb. 12-14: CQ Worldwide RTTY WPX
- Feb. 19-21: ARRL DX (CW)
- Feb. 27: North American RTTY QSO Party
- Feb. 26-28: CQ Worldwide 160-Meter (SSB)
- Mar. 4-6: ARRL DX (SSB)
- Mar. 25-27: CQ Worldwide SSB WPX
- May 27-29: CQ Worldwide CW WPX
- Jun. 11-12: ARRL June VHF Contest
- Jun. 22-26: ARRL Field Day
- July 9-10: IARU World Championships
- July 16-17: CQ Worldwide VHF
- July 16: North American RTTY QSO Party
- Aug. 6-7: ARRL UHF Contest
- Sept. 10-11: ARRL September VHF Contest
- Sept. 23-25: CQ Worldwide RTTY DX
- Oct. 1-2: California QSO Party
- Oct. 28-30: CQ Worldwide SSB DX
- Nov. 5-6: ARRL Sweepstakes (CW)
- Nov. 19-20: ARRL Sweepstakes (SSB)
- Nov. 25-27: CQ Worldwide CW DX
- Dec. 9-11: ARRL 10-Meter Contest

January						
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31						

February						
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April						
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August						
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September						
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November						
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December						
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24	25	26	27	28	29	30
31						

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.

2nd Saturday each month: PVARC "HF Enthusiasts Group", 9:00 am in the Ralph's Supermarket café area (Hawthorne Blvd. at Crest Road).

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

December 8: Holiday dinner, Los Verdes Golf Course, Rancho Palos Verdes.

PVARC Public Service Events

- Apr. 24:** Ridgecrest Int. School 5K
- Aug. 13:** Rolling Hills Estates "Hills Are Alive" 5K/10K
- Sept. 5:** "Conquer the Bridge" Race
- Sept. 24:** RAT Beach Bike Tour
- Nov. 12:** P.V. Half-Marathon/10K

Major Ham Radio Conventions

- Feb. 19-20:** ARRL SW Div. & Yuma Hamfest, Yuma, AZ
- March 12:** Palm Springs Hamfest
- Apr. 15-17:** International DX Convention, Visalia, CA
- Apr. 29-May 1:** ARRL Nevada Convention, Las Vegas, NV
- May 20-22:** Dayton HamVention
- Oct. 14-16:** Pacificon, Santa Clara, CA

PVARC HF Operating Events

- April 27- May 1:** Islands On The Air DXpedition, Catalina Island;
- June 25-26:** ARRL Field Day;
- Aug. 19-21:** Intl. Lighthouse Weekend, Pt. Vicente Lighthouse

PVARC Ham License Classes

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

Feb. 20 & 27; June 4 & 11; Aug. 27 & Sept. 10; additional dates to be announced.



Palos Verdes Amateur Radio Club
 P.O. Box 2316
 Palos Verdes Peninsula, CA 90274
www.n6rpv.net/pvarc or
www.k6pv.org

**NEW MEMBER &
 MEMBERSHIP RENEWAL FORM**

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

Last Name: _____ First Name: _____ Spouse: _____

Street Address: _____

City: _____ Zip: _____

Phone: Home _____ Work _____ Cell _____

Email address: _____

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

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

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) \$ _____

Additional donation to support PVARC activities \$ _____

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.

I am applying for a new or renewal membership in the Palos Verdes Amateur Radio Club and understand that by accepting membership I agree to abide by the Club's constitution and by-laws (available on-line at: <http://www.n6rpv.net/pvarc/constitution.htm> or upon request.)

Signature: _____ Date: _____

Family Member Signature: _____ Date: _____

Family Member Signature: _____ Date: _____

Tell your friends and relatives about the PVARC's upcoming 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 27 August and 10 September, 2016

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, September 17, 2016.

The Palos Verdes Amateur Radio Club will make a brief presentation at 9:30 AM at the start of the 27 August 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