



QRO

MONTHLY NEWSLETTER OF THE PALOS VERDES AMATEUR RADIO CLUB

APRIL 2017

Learn about the new lithium-iron phosphate battery technology

Almost everyone has heard of lightweight rechargeable lithium-ion batteries—they made possible countless advances in cellphones, tablet computers, notebook computers, and other electronic devices.

But now there's lithium-iron phosphate technology that promises to be safer, lighter, longer-lasting, and with higher power densities than lithium-ion. Bioenno Power in Orange County has been at the forefront of lithium-iron battery phosphate technology and an offshoot called lithium polymer batteries. Kevin Zanjani, KI6DHQ, will be speaking at the PVARC's April 19 meeting about Bioenno's innovative battery technologies that many ham operators (especially in emergency communication and QRP HF) are now embracing. ■

Lithium-iron phosphate batteries—a new breed

Kevin Zanjani, KI6DHQ
Bioenno Power

PVARC Monthly Meeting,
Wednesday, April 19, 2017,
7:30 pm at Fred Hesse
Community Park,
29301 Hawthorne Blvd.,
Rancho Palos Verdes,
Visitors Welcome.

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

Our meeting room at the park seemed big enough... until we exceeded its maximum occupancy

By Diana Feinberg, AI6DF
PVARC President and QRO Editor

It's hard to believe we "outgrew" Hesse Park's room where the PVARC meets monthly.

We truly appreciate the growing attendance of members and guests at recent meetings after our cumulative efforts to provide better meeting experiences. We now have a PA system enabling everyone in the room to hear, a bigger projection screen so everyone can easily see presentations, interesting topics, more interesting cookies (the edible type), ham equipment to give away, and more.

But park staff advised us that our recent meeting attendances have exceeded the 40-person fire code limit for our room. Technically a sign inside the room declares "Maximum occupancy, 42 persons." However a spinet piano (under a protective cover) and tables against the wall reduce the official occupancy limit to 40 people. So starting with this month's meeting we will need to cap our physical attendance at 40 people...and no additional chairs may be brought into the room.

Our Board of Directors has considered alternatives to enable more than 40 members seeing our meeting presentations. The most obvious alternative--moving into the large 160-person room at Hesse Park known as McTaggart Hall--isn't currently feasible because an on-going Tai-Chi class has booked that room on 3rd Wednesdays and the room is used most weeknights for other organizations or city meetings. Moving to another location isn't an inexpensive option. We also truly enjoy Hesse Park's amenities and central location with easy access for speakers who are not familiar with our area.

What might represent a viable near-term solution is video-streaming our monthly meetings. Some members could then watch our meetings live via the internet and not be at Hesse Park. We also have members who cannot drive at night, others have health issues precluding them from coming to Hesse Park, and some members might be out of state (or out of country) during our monthly meetings. Live video-streaming seems the best alternative and we hope to implement this in time for our June 2017 meeting. So stay tuned. ■

Right: Our meeting room at Hesse Park seems large without chairs, tables, or people. But it has a maximum occupancy of 40 persons—and we have been asked to comply with that limit. We hope to soon begin video-streaming our monthly meetings.

PHOTO:
DIANA FEINBERG, AI6DF



Nearing an end: Resolving mobile ham radio operating issues in California's "distracted driver" law

The California Highway Patrol recently issued this guidance on the modified California Vehicle Code Section 23123.5, which went into effect on January 1: **"For the purposes of Section 23123.5(f) CVC, a radio installed and mounted in a vehicle with a wired hand microphone (e.g., business band or citizen band [CB] radio) is not considered a wireless communication device, nor is it considered a specialized mobile radio device, and therefore is not subject to enforcement under this section."**

While this is not the same as clarification of the law itself, which the ARRL and others are still working toward with the Assembly Member who authored the new "distracted driver" law, it should be persuasive to a peace officer who questions use of a wired microphone, such as on a mobile radio. ■

-----Original Message-----

From: Comm-Net Message [<mailto:noreply@chp.ca.gov>]

Sent: Tuesday, March 28, 2017 8:23 AM

To: @CHP

Subject: Comm-Net: Enforcement of Section 23123.5 of the California Vehicle Code

Enforcement of Section 23123.5 of the California Vehicle Code

To: All Commands

Reference: Action Required

Subject: Enforcement of Section 23123.5 of the California Vehicle Code

Effective January 1, 2017, Section 23123.5 of the California Vehicle Code (CVC) was amended by Assembly Bill 1785, which substantially expanded the scope of Section 23123.5 CVC, from simply prohibiting the use of a wireless phone to text while driving, to prohibiting holding and operating a handheld wireless telephone or an electronic wireless communications device while driving.

However, a driver may still use a handheld wireless telephone or an electronic wireless communication device while driving when:

The handheld wireless communication device is mounted to a windshield (in compliance with Section 26708[b] CVC), dashboard, or center console in a manner which does not interfere with the drivers view of the road, and;

The drivers hand is used to activate or deactivate a feature with a single tap or swipe of the drivers finger.

Pursuant to Section 23123.5(f) CVC, the definition of an electronic wireless communications device includes, but is not limited to: a broadband personal communication device, a specialized mobile radio device, a handheld device or laptop computer with mobile data access, a pager, or a two-way messaging device.

Section 23123.5 CVC does not apply to manufacturer-installed systems which are embedded in the vehicle, nor does it apply to an emergency services professional using a wireless telephone while operating an authorized Emergency vehicle, in the course and scope of employment.

For the purposes of Section 23123.5(f) CVC, a radio installed and mounted in a vehicle with a wired hand microphone (e.g., business band or citizen band [CB]radio) is not considered a wireless communication device, nor is it considered a specialized mobile radio device, and therefore is not subject to enforcement under this section.

This information will be added to an upcoming revision to Highway Patrol Manual 100.68, Traffic Enforcement Policy Manual, Chapter 5, Other Enforcement Issues.

CHP Headquarters/Office of the Commissioner/061/18227

Field Day is June 24-25, PVARC again at Ridgecrest Intermediate School atop the Peninsula

Please save the dates: the 2017 ARRL Field Day operating event is Saturday-Sunday, June 24-25. The PVARC will again have portable-powered radio stations on Ridgecrest Intermediate School's soccer field. Ridgecrest's field is 1,224 feet above sea level and has an excellent signal take-off to the north and northeast.

We expect to again operate as a 2A category Field Day site and need operators, so how about you? Field Day is a 24-hour non-stop event with plenty of time slots. We also need operators to work VHF/UHF (mostly 6-meters) at our "bonus" station during daytime hours.

More info to follow...but let us know if you can help at this year's Field Day. We're there to demonstrate public service...and have fun. ■



Below: Sometimes our Ridgecrest Intermediate School Field Day site is truly "in the clouds." This photo shows the beginning of 2014 Field Day setup. PHOTO: DIANA FEINBERG, AI6DF



A bit of HF trivia...but not so trivial after all

By Jerry Kendrick NG6R

For the HF enthusiasts within our club membership, ever wonder why 160m, 80m and 40m single sideband (SSB) phone operation uses lower sideband (LSB) mode, whereas 20m, 17m, 15m, 12m and 10m phone is received using upper sideband (USB) mode?

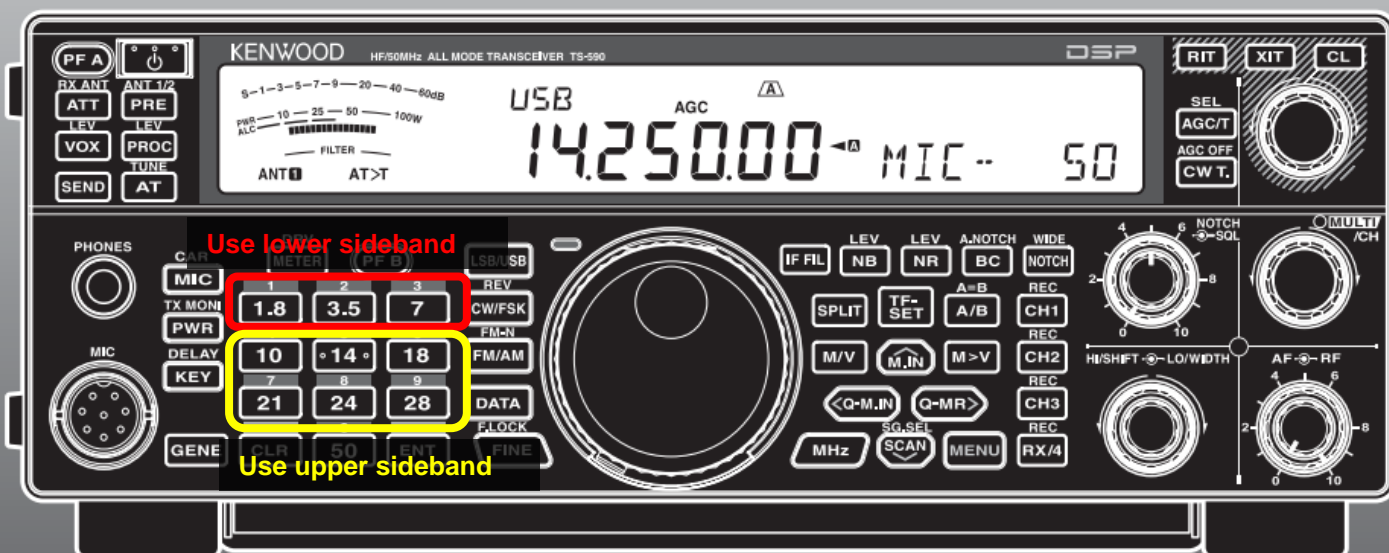
A recent QST article (March 2017, p. 101) by Ron, K2RP, explains:

When SSB experimentation was first being applied to amateur radio usage in the late 1940s, stemming from its roots in military/defense applications almost 100 years ago, SSB pioneer Wes, W9DYV (SK), cleverly devised the idea of creating an SSB signal at one fixed frequency and then mixing that signal with another adjustable frequency to create an SSB signal for the desired ham band.

It just happened that Wes selected 9 MHz as his choice for the fixed frequency to modulate. Then, he picked an adjustable crystal oscillator in the 5 to 5.5 MHz range as the second frequency to either add to or subtract from the 9 MHz (via heterodyne mixing). In this manner, he could cover the 80m band (9 minus 5-to-5.5) and 20m band (9 plus 5-to-5.5) with this scheme. As a result of this mixing technique and frequency choice, the signal generated at 80m was LSB and the signal generated at 20m was “flipped” and appeared as USB.

By the way, in those days, 40m was limited to CW only; 10m band was so wide that mitigating station-to-station interference (for which SSB, compared to AM, is a significant advantage) was not considered to be an imperative; and, 15m had not yet even been allocated for amateur radio use. So, SSB had its amateur radio origins in 80m and 20m bands.

Then, when SSB phone operation was later introduced into 160m, 40m, 15m and 10m (as well as 17m and 12m WARC bands), it seemed natural to designate modes below 9 MHz as LSB and above 9 MHz as USB. Thus, a lasting tradition was born from that first implementation choice made by one ham radio pioneering experimenter almost 70 years ago. ■



Become a crewmember of the W6RO amateur station aboard the Queen Mary ocean liner in Long Beach

The Associated Radio Amateurs of Long Beach invites members of other clubs to consider joining the crew of hams who operate the ARALB's W6RO station about the legendary ocean liner Queen Mary.

The ARALB has several openings for experienced ham operators who also have an interest in showcasing amateur radio to the public. The club's W6RO station--the Nate Brightman Wireless Room aboard the Queen Mary--in 1979 it became the first permanent amateur radio station installed aboard a "museum ship." During nearly four decades W6RO has logged almost one-million contacts with hams worldwide while demonstrating the art and science of amateur radio to countless visiting tourists.

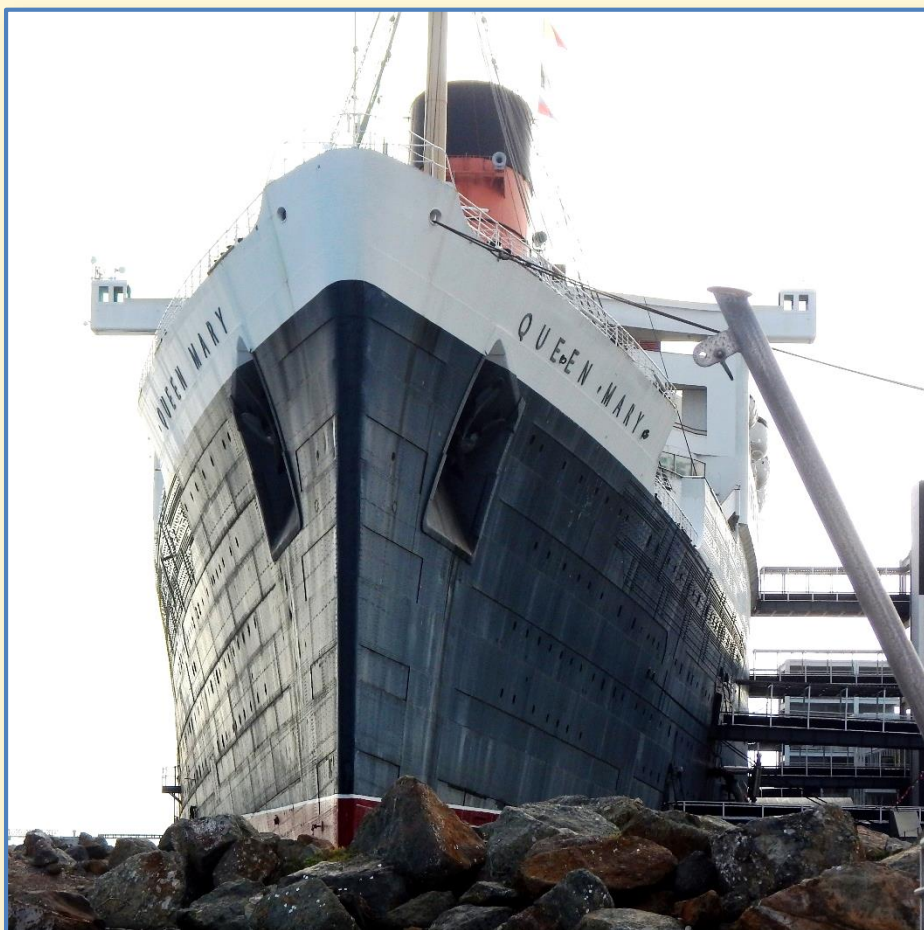
W6RO crew members receive free parking for their shifts, plus a free lunch in the employee cafeteria 'Pig 'n Whistle', free access to all public areas aboard the ship, and free admission to a guided tour.

Hams with HF operating experience are preferred and CW operators are especially sought. ARALB membership is encouraged but not required. Please note crew members must be physically able to ascend and descend several flights of stairs unassisted to reach the Wireless Room. The ship, being on the National Register of Historic Places, is exempt from some ADA requirements.

W6RO crew member candidates are screened and then take a four-hour orientation session aboard the ship. A minimum commitment of one regularly-calendared four-hour shift each month is required. Shifts operate either 9am to 1pm or 1pm to 5pm, seven days a week including holidays.

Crew members must also abide by a dress code of a plain white dress shirt, black tie, black trousers, and black socks/shoes. As would be expected at a tourist venue, crew members must have good personal hygiene and grooming.

Interested? Contact W6RO station manager David Akins, N6HHR, at n6hhr@arrl.net for information ■



Above: The Queen Mary ocean liner, now permanently docked in Long Beach. You can be an operator at W6RO aboard the ship. PHOTO: DIANA FEINBERG, AI6DF



Clockwise in circle from front at April 8, 2017, HF Group meeting: Jeff, K6JW; Carlos, WD6Y; Don, KD6UMC; Jerry, NG6R; Bob, KE6JI; Ray, N6HE; Clay, AB9A; Tony, W6GEZ. PHOTO: DONNA DAY, W6DLD

The PVARC HF Enthusiasts Group meeting holds another lively discussion

The PVARC's HF Enthusiasts Group had its usual lively discussion on April 8th...and welcomes other club members on the 2nd Saturday each month (the next meeting will be May 13th.) The April 8th meeting at the home of Ray, N6HE, covered numerous topics, including:

- Ray, N6HE, and Jerry, NG6R, reported their signals were heard in South Korea by our fellow member Hugo, operating at HL/KM6DQU. But Ray and Jerry couldn't hear Hugo's QRP signal
- Clay, AB9A, is playing with a new end-fed 40-10m antenna.
- Ray, N6HE, just got his Alpha 87A amplifier back from the shop (amps always have problems..)
- Tony, W6GEZ, reported he is getting started with RTTY and possible PSK31 soon.
- Jeff, K6JW, told a story about his Heathkit SB-200 amplifier.
- Carlos, WD6Y, said he is tinkering with ways to increase his CW mastery.
- Don, KD6UMC, is considering new antennas.
- Bob, KE6JI, mentioned he has now put power and antenna jacks on his \$13 frequency counter—and it works fine. ■

A few words about QSLing: Our club QSL Manager explains what not to do when requesting a card

By Jeff Wolf, K6JW
K6PV QSL Manager

For the past eight years I've been the QSL manager for our club's various operating activities: Field Day, the Catalina IOTA DXpeditions, and Lighthouse Weekend. Over the years I've seen hams requesting QSL card confirmation for these operations make just about every possible error that can be made in their requests.

In order to keep you from making similar errors, here are several things to keep in mind when requesting a hard copy QSL card by direct mail to the station or its QSL manager.

- Check, check, and check again to be sure the information you've entered on YOUR card is absolutely correct. Wrong band, mode, frequency, and especially time can result in failure to verify your contact. And if it can't be verified, no confirming card will be issued.
- Always log in Universal Coordinated Time (UTC), also called "Z" time and formerly called "Greenwich Mean Time" When we're on Pacific Standard Time, UTC is 8 hours later. When we're on Pacific Daylight Time, it's 7 hours. When the later UTC time crosses midnight, be sure you have the date correctly entered. For example, suppose you work a station at 0200 UTC. Local time here would be either 8 or 7 hours earlier (depending upon whether it's PST or PDT.) The date of the QSO is the date associated with the UTC time. In other words, for our example, if it's Monday night in local time, the QSO occurred on Tuesday in UTC. Be sure that you enter a date that's compatible with the time in UTC.
- If you want a card in return, always send your card in an envelope that includes a self-addressed envelope with sufficient postage for the return. This can be tricky. For U.S. and U.S. territorial stations, you can simply slap a first class or Forever stamp on the return envelope. For most countries in the world, you can include U.S. bills. Most of the time \$2 will be enough, but for certain countries (e.g., Germany) you may need to enclose \$3. If you are a subscriber to QRZ.com, you can often find out how much to include by checking the online listing for the station. If it's a DXpedition, you can usually find the information on the DXpedition's website. For some countries it is not advised to send U.S. currency, either because the mail may be opened and the money stolen, or because it is illegal for people to possess the currency. So, before stuffing your envelope with U.S. bills, be sure you're not going to get someone arrested for receiving them. (When you can't send bills, you may be able to use the country's QSL bureau, but that's part of a subject for another time.)

These rules apply for DIRECT requests to the station or its QSL manager. There are other ways to get QSL cards or confirmations of contacts, but they go beyond the scope of this article. I gave an extended talk at a club meeting several years ago, but it might be repeated if there's sufficient interest from members who are new to QSLing which is, as is commonly said, the final courtesy of a QSO. ■

HAMCON 2017 / ARRL SW Division Convention comes to Torrance in Sept.

Save the dates: The PVARC is one of 12 Los Angeles and Orange County radio clubs sponsoring HAMCON 2017, September 15-17, at the Torrance Marriott Redondo Beach Hotel (Del Amo Center).

HAMCON 2017 is also the 2017 ARRL Southwestern Division Convention, with a full array of technical talks on all aspects of amateur radio. Equally interesting to many will be the 63-booth Vendor Hall with many major ham radio manufacturers. If you want to see or touch Elecraft, FlexRadio, BridgeCom products, for example, HAMCON 2017 is your place.

The PVARC is again staffing HAMCON's Information Desk during Convention operating hours. In August we'll be asking for club members to volunteer working in two-person shifts of two hours at the Information Desk. The PVARC also participates in HAMCON 2017 with Diana, AI6DF, again serving as convention Chair and Jeff, K6JW, as our club's delegate on HAMCON's planning committee.

Save the dates of September 15-17 for a great convention—an ARRL Divisional Convention doesn't get closer to home than this. Register now for the early registration discount (www.hamconinc.org). ■



For us, it's conveniently held at the Torrance Marriott Redondo Beach Hotel next to Del Amo Fashion Center.

◆ 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	Ray Day, N6HE
Treasurer	Peter Landon, KE6JPM
Secretary	Ron Wagner, AC6RW
Directors	Clay Davis, AB9A, Gary Lopes, WA6MEM

Appointed Offices:

QRO Editor	Diana Feinberg, AI6DF
Webmaster	Kel Vanderlip, W6KCV
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	Jerry Shaw, KI6RRD
Net Control Operators	Malin Dollinger, KO6MD, Dale Hanks, N6NNW, Bob Sylvest, AB6SY, Ron Wagner, AC6RW, Dan Yang, K6DPY

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Email us: k6pv@arrl.net

Website: www.k6pv.org

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 — *The Pt. Vicente Lighthouse starts the night shift just after sunset on March 25, 2017.*

PHOTO: DIANA FEINBERG, AI6DF

PVARC Short News Items

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

The PVARC's May 17, 2017, monthly meeting has an informative presentation on the "hottest" (in popularity, not thermally) HF transceiver now on the market: Icom's IC-7300. Presenting will be PVARC members Ray Day, N6HE, and Clay Davis, AB9A, who both own this radio. Ray brought his IC-7300 to Two Harbors on Catalina Island for our recent IOTA DXpedition and his IC-7300 was heavily used. Even during our North American RTTY QSO Party non-stop participation the IC-7300 never got warm to the touch.

Our June monthly meeting speaker will be....your **QRO** Editor AI6DF presenting in words, photos, and videos all about the new "Dayton" Hamvention. For the first time this venerable convention is no it's longer in Dayton, OH, but the small farming town of Xenia, OH. After the long-dilapidated Hara Arena on Dayton's northwest side closed Hamvention organizers chose the county fairgrounds in Xenia. But how will this town of 25,500 people accommodate 26,000 attendees with all roads near the fairgrounds being one lane in each direction? Find out at our June 21 meeting.

Speaking elsewhere....your **QRO** Editor Diana. AI6DF, gave the PVARC's "Amateur Radio's International Lighthouse & Lightship Weekend" presentation at the Downey Amateur Radio Club monthly meeting on April 6. Our club Vice President Ray Day, N6HE, will be speaking at the Downey Amateur Radio Club's October meeting about our 2017 Catalina Island DXpedition. ■

...plus PVARC events later this year

In addition to Field Day in late June and International Lighthouse & Lightship Weekend at the Pt. Vicente Lighthouse during August 18-20 our 2017 Holiday Dinner will be at Ports O'Call Restaurant on San Pedro's waterfront Thursday, December 14, 2017, in the upstairs "Breakwater Room." Returning then for an encore guest speaking engagement will be Dr. Jay Jones, WB9FPM and Professor of Biology at University of La Verne. Jay spoke at our December 2011 Holiday Dinner and his presentation then was very well received. More information to follow. ■



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. ■

Short News Items

Dr. DX is in—a new service

The Southern California DX Club has initiated a program called “Dr. DX” in which a team of experienced DX'ers will answer emails from fledgling DXers with any sort of question relating to DX'ing

The club has produced a slick brochure which is being distributed to Southern California radio clubs to entice hams who are not (yet) DX'ers into that area of the hobby. Other ham clubs wishing to obtain a copy of the brochure should email DrDX@SCDXC.org with a request and a .pdf will be sent to that club.

In the SCDXC's effort to promote DX'ing in general, however, the Southern California DX Club is not limiting the Dr. DX program to just the Los Angeles area but will answer every email received from anywhere.

With the Dr. DX program, new DX'ers can ask about equipment, operating technique, antennas, QSL'ing....you name it and someone in the SCDXC Dr. DX team will have the right answer!

DX questions should be sent to DrDX@SCDXC.org. From there the emails will be forwarded to Southern California DX Club Dr. DX team members who will respond to every question. ■

Helpful guidelines when submitting QRO articles

Our **QRO** newsletter welcomes articles about technical subjects and PVARC member activities.

To facilitate layout and editing 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 2016-2017

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

JOE BARGER, N6KK

DENISE ANN HUGHES-MURPHY, K6DAH

STEFAN FERRIER, KM6GXW

CINDY SNYDER, KM6GYG

MICHAEL LYNCH, KM6GYA

STUART MASTROIANNA, KM6GYK

THOMAS ESSENPREIS, KB9ENS

MARK GREENBERG, KM6GYC

LORI TANIMURA, KM6GXY

CHERI TANIMURA, KM6GXX

HEIDI STROMBURG, KG0GGY

MIKE SEMOS, N6DBS (RETURNING
MEMBER)

RICK HEASTON, KM6GXZ

Palos Verdes Amateur Radio Club Calendar 2017

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	4	5	6	7	29	30	31	1	2	3	4	26	27	28	1	2	3	4	26	27	28	29	30	31	1
8	9	10	11	12	13	14	5	6	7	8	9	10	11	5	6	7	8	9	10	11	2	3	4	5	6	7	8
15	16	17	18	19	20	21	12	13	14	15	16	17	18	12	13	14	15	16	17	18	9	10	11	12	13	14	15
22	23	24	25	26	27	28	19	20	21	22	23	24	25	19	20	21	22	23	24	25	16	17	18	19	20	21	22
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5	6	7	8	9	10	11	5	6	7	8	9	10	11	2	3	4	5	6	7	8	30	1	2	3	4	5	6

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
30	1	2	3	4	5	6	28	29	30	31	1	2	3	25	26	27	28	29	30	1	30	31	1	2	3	4	5
7	8	9	10	11	12	13	4	5	6	7	8	9	10	2	3	4	5	6	7	8	6	7	8	9	10	11	12
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28	29	30	31	1	2	3	25	26	27	28	29	30	1	23	24	25	26	27	28	29	27	28	29	30	31	1	2
4	5	6	7	8	9	10	2	3	4	5	6	7	8	30	31	1	2	3	4	5	3	4	5	6	7	8	9

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
27	28	29	30	31	1	2	1	2	3	4	5	6	7	29	30	31	1	2	3	4	26	27	28	29	30	1	2
3	4	5	6	7	8	9	8	9	10	11	12	13	14	5	6	7	8	9	10	11	3	4	5	6	7	8	9
10	11	12	13	14	15	16	15	16	17	18	19	20	21	12	13	14	15	16	17	18	10	11	12	13	14	15	16
17	18	19	20	21	22	23	22	23	24	25	26	27	28	19	20	21	22	23	24	25	17	18	19	20	21	22	23
24	25	26	27	28	29	30	29	30	31	1	2	3	4	26	27	28	29	30	1	2	24	25	26	27	28	29	30
1	2	3	4	5	6	7	5	6	7	8	9	10	11	3	4	5	6	7	8	9	31	1	2	3	4	5	6

2017 Major Contest Dates

- Jan. 21: North American SSB QSO Party
- Jan. 27-29: CQ Worldwide 160-Meter (CW)
- Feb. 10-12: CQ Worldwide RTTY WPX
- Feb. 17-19: ARRL DX (CW)
- Feb. 25: North American RTTY QSO Party
- Feb. 24-26: CQ Worldwide 160-Meter (SSB)
- Mar. 3-5: ARRL DX (SSB)
- Mar. 24-26: CQ Worldwide SSB WPX
- May 26-28: CQ Worldwide CW WPX
- Jun. 10-11: ARRL June VHF Contest
- Jun. 24-25: ARRL Field Day

- July 8-9: IARU World Championships
- July 15-16: CQ Worldwide VHF
- July 15: North American RTTY QSO Party
- Aug. 19: North American SSB QSO Party
- Sept. 9-10: ARRL September VHF Contest
- Sept. 22-24: CQ Worldwide RTTY DX
- Oct. 7-8: California QSO Party
- Oct. 27-29: CQ Worldwide SSB DX
- Nov. 4-5: ARRL Sweepstakes (CW)
- Nov. 18-19: ARRL Sweepstakes (SSB)
- Nov. 24-26: CQ Worldwide CW DX
- Dec. 8-10: ARRL 10-Meter Contest

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.

No-host dinner at 5:30 pm before club meetings at Red Onion Restaurant, 736 Silver Spur Road, Rolling Hills Estates.

2nd Saturday each month: PVARC "HF Enthusiasts Group", 10:00 am

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

December 14: Holiday Dinner, Ports O'Call Restaurant, San Pedro.

PVARC Public Service Events

- Apr. 23:** Ridgecrest Int. School 5K
- Aug. 12:** Rolling Hills Estates "Hills Are Alive" 5K/10K
- Sept. 4:** "Conquer the Bridge" Race
- Sept. 23:** RAT Beach Bike Tour
- Nov. 18:** P.V. Half-Marathon/10K

Major Ham Radio Conventions

- Feb. 4:** Palm Springs Hamfest
- Feb. 17-18:** Yuma Hamfest, Yuma, AZ
- Apr. 21-23:** International DX Convention, Visalia, CA
- May 19-21:** Hamvention, Xenia OH
- Sep. 15-17:** **HAMCON 2017, Torrance**
- Oct. 20-22:** Pacificon, Santa Clara, CA

PVARC HF Operating Events

- Feb. 22-26:** Islands On The Air DXpedition, Catalina Island;
- June 24-25:** ARRL Field Day;
- Aug. 18-20:** Intl. Lighthouse Weekend, Pt. Vicente Lighthouse

PVARC Ham License Classes

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

Feb. 4 & 11; May 27 & June 3;
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 (\$20.00) \$ _____

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 May 27 and June 3, 2017

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, June 10, 2017.

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

Register for HAMCON 2017, the 2017 ARRL Southwestern Division Convention, at the Torrance Marriott Hotel



HAMCON 2017 2017 ARRL Southwestern Division Convention

September 15-17, 2017
Torrance Marriott Redondo Beach Hotel
3635 Fashion Way, Torrance, CA 90503

Convention Registration Form

Visit us at: www.hamconinc.org/

All attendees over 18 years old must have a separate paid registration; no charge for registered minors 18 or younger when accompanied by paid Adult registrant.

Call Sign: _____

Last name: _____

First name: _____

Street or mailing address: _____

City: _____

State & ZIP Code: _____

E-mail address: _____

Phone: _____

Additional Attendee #1

Call Sign: _____

Adult: Minor:

Last name: _____

First name: _____

Additional Attendee #2

Call Sign: _____

Adult: Minor:

Last name: _____

First name: _____

Additional Attendee #3

Call Sign: _____

Adult: Minor:

Last name: _____

First name: _____

	Per Person	x	Number	= \$ Total
Early Registration, postmarked by Aug. 15, 2017:	\$20			
Regular Registration, Aug. 16 to Sept. 17, 2017:	\$25			
BEST VALUE: Registration and all three meals	\$135			
Saturday Lunch**: ___ # Chicken ___ # Vegetarian	\$36			
Saturday Dinner**: ___ # Chicken ___ # Vegetarian	\$55			
Sunday Breakfast**	\$29			
Battleship Iowa Special Event (bus departs Torrance Marriott at 2:15 pm, Friday, Sept. 15)	\$50			

I want to operate NI6BB station aboard the Iowa

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

Each Adult paid Early Registrant receives one ticket for the Early Registration Prize drawing. All Adult paid registrants receive two free Prize Drawing tickets.

Total Amount Paid:

Cash	Check
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Please send Registration Form and Check to:

For HAMCON staff use:

Registration received by: _____

Date received & registration #: _____

Amount received: \$ _____

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