



# QRO

THE MONTHLY NEWSLETTER OF THE PALOS VERDES AMATEUR RADIO CLUB

SEPTEMBER 2013

## Elecraft Co-Founder & Noted Radio Designer Eric Swartz To Speak at September 18<sup>th</sup> PVARC Meeting

Eric Swartz, WA6HHQ, co-founder of Elecraft, Inc. and co-designer of many Elecraft products, is our guest speaker at PVARC's Sept. 18 meeting.

Eric will discuss Elecraft's unique KX3 transceiver that combines traits of analog and software defined radios into a compact package. This transceiver exhibits many unusual design characteristics for an HF rig.



Based in Aptos, CA, on Monterey Bay, Eric co-founded Elecraft in 1998 with his friend Wayne Burdick, N6KR, to create high-performance HF radios in kit form. Since then they've designed numerous highly-rated radios and accessories, many now available either as kits or fully-assembled. Their design philosophy enables hams to purchase fully-functioning base models that can be customized with additional components or features as user interests and budgets desire.

Meet Eric on September 18 for a great talk and pre-meeting dinner at the Red Onion. ■

### "The Elecraft KX3 Transceiver"

**Eric Swartz, WA6HHQ**  
**Co-Founder, Elecraft, Inc.**

**When:** PVARC Monthly Meeting, 7:30 pm,  
Wednesday, September 18, 2013.  
Visitors Welcome.

**Where:** Fred Hesse Park  
29301 Hawthorne Blvd., Rancho Palos  
Verdes

# Connecting Amateur Radio and the Public: It's the First Point in FCC's Part 97 Rules Overseeing Ham Radio

By Diana Feinberg, AI6DF  
PVARC President

Ham radio has many avenues for personal fulfillment and the PVARC tries to cover most of these through our programs and operating events.

Lest we forget, voluntary public service for emergency communication is the first point in the FCC's Part 97 rules governing the amateur radio service in the United States (see sidebar). Fortunately the Fall months provide numerous opportunities for practicing radio skills that could prove useful for emergency situations.

First, the PVARC has commitments for providing radio communication at two wide-area events and one localized operating activity between now and mid-November. We hope club members will take advantage of these opportunities to serve at the RAT Beach Bike Tour (Sept. 21), the Promenade 5K/10K (Oct. 13), or Palos Verdes Half-Marathon (Nov. 16).

Second, our cities and county have organized disaster amateur radio groups that need additional members and participation. Understanding how disaster communication works within a governmental entity is much more than just "pushing the button" and talking. We may also need to learn to operate "in the field" or during unfamiliar conditions to prepare for whatever comes.

Consider joining your city and county radio groups. Several of these are currently headed by PVARC members.

**Palos Verdes Estates** Neighborhood Amateur Radio Team (NART):

[http://www.palosverdes.com/nart/nart\\_website/Welcome.html](http://www.palosverdes.com/nart/nart_website/Welcome.html)

**Rancho Palos Verdes** Peninsula Volunteer Alert Network:

<http://www.palosverdes.com/pvan/index.htm>

**Torrance** Amateur Radio Association (TARA):

<http://home.earthlink.net/~funsoft/tara/taraweb/>

**Los Angeles County** Disaster Communication Service, Lomita District: <http://www.qsl.net/lmtdcs>.

Other area groups include the Redondo Beach Amateur Radio Association, Redondo Beach CERT Amateurs,

Gardena Disaster Communications Service, Hermosa Beach Amateur Radio Association, City of Los Angeles Auxiliary Communication Service, Manhattan Beach CERT, and El Segundo Emergency Communication Service. The ARRL's ARES group provides auxiliary communication for some area hospitals; Kaiser Permanente and Providence Little Company of Mary Medical Centers have their own amateur radio groups seeking members while Torrance's TARA group works with Torrance Memorial Medical Center.

If you are CERT trained and an amateur operator be sure to sign up for this year's Beach Cities Joint CERT Organizations drill held on Saturday, October 12, at Rancho Palos Verdes City Hall. Sign-up at: [training2013@bcjco.org](mailto:training2013@bcjco.org). You will need either a CERT ID or CERT Certificate of Completion to participate, along with full CERT personal protection gear.

Many of the above groups will conduct drills this Fall in conjunction with the Great California ShakeOut, their city, or statewide hospital exercise.

Remember, amateur radio service = a public service = what provides us with free use of radio spectrum. ■

## Title 47 – FCC Rules, Part 97 Subpart A—General Provisions §97.1 Basis and purpose.

The rules and regulations in this part are designed to provide an amateur radio service having a fundamental purpose as expressed in the following principles:

- (a) Recognition and enhancement of the value of the amateur service to the public as a voluntary noncommercial communication service, particularly with respect to providing emergency communications.
- (b) Continuation and extension of the amateur's proven ability to contribute to the advancement of the radio art.
- (c) Encouragement and improvement of the amateur service through rules which provide for advancing skills in both the communication and technical phases of the art.
- (d) Expansion of the existing reservoir within the amateur radio service of trained operators, technicians, and electronics experts.
- (e) Continuation and extension of the amateur's unique ability to enhance international goodwill.

## The PVARC's 2013 International Lighthouse Weekend in Photos...



PHOTOS (ABOVE AND BOTTOM RIGHT): DIANA FEINBERG, AI6DF

**Top left:** Jeff, K6JW, assembles our HF station inside lighthouse.

**Top right:** Bill, WA6ESC, sets up UHF talk-in station, with Bob, W6HIP looking on.

**Center left:** Dale, N6NNW, and Bob, W6HIP, prepare to raise trailer tower.

**Center right:** Bob, W6HIP, makes final adjustments to antenna tower.

**Bottom left:** Assembled Yagi antenna supplied by Dale, N6NNW, is ready for contacts.

**Bottom right:** Pt. Vicente Lighthouse shortly before sunset on Friday night.



PHOTO: BOB CLOSSON, W6HIP

# PVARC's 2013 Lighthouse Weekend HF Station in Photos...

K6PV made some interesting contacts during Lighthouse Weekend. Within a short span on Saturday night our log (see left, circled in red) had QSO's with a ham in Texas named "Gator", a ham in Estonia along the Baltic Sea, and with NW8S operating inside the Lorain, OH, lighthouse about 30 miles west of Cleveland.

**Left middle:** Bob Closson, W6HIP, operating daytime shift.

**Left bottom:** Clay Davis, AB9A, and Peter Landon, KE6JPM, operating on Sunday morning.

**Right center:** Saturday night beams at Pt. Vicente Lighthouse.

**Right bottom:** K6PV after dark. PHOTOS: DIANA FEINBERG, AI6DF

Rec#	Call	Date	End	Freq	Mode	Name	Pwr	On	Snt	Rec	Off	Country	St
131	N5BLY	8/18/2013	20	14.250	SSB	CHARLIE		03:12					
130	WA8ZBT	8/18/2013	20	14.325	SSB	DENNIS		03:07			03:12	USA	MS
129	N6ER	8/18/2013	20	14.255	SSB	KEVIN		03:03			03:07	USA	TX
128	W3IUU	8/18/2013	20	14.259	SSB	LLOYD		02:58			03:03	USA	CA
127	NW8S	8/18/2013	20	14.273	SSB	DOUG		02:54			02:58	USA	MD
126	ES5GD	8/18/2013	20	14.264	SSB	VIELLO		02:48			02:54	USA	OH
125	KK1KW	8/18/2013	20	14.216	SSB	FRED		02:39			02:48	Estonia	
124	N5RZ	8/18/2013	20	14.208	SSB	GATOR		02:35			02:39	USA	NH
123	N5DX	8/18/2013	20	14.237	SSB	KEVIN		02:34			02:36	USA	TX
122	W8KTQ	8/18/2013	20	14.242	SSB	BILL		02:31			02:34	USA	AR
121	NW3H	8/18/2013	20	14.243	SSB	BILL		02:30			02:32	USA	OH
120	K7RI	8/18/2013	20	14.262	SSB	JOHN		02:19			02:30	USA	PA
119	VE9OA	8/18/2013	20	14.289	SSB	BILL		02:17			02:20	USA	WA
118	AC0W	8/18/2013	20	14.324	SSB	BILL		02:07			02:17	Canada	NB
117	K5WL	8/18/2013	20	14.318	SSB	BILL		02:06			02:07	USA	MN
116	K3MD	8/18/2013	20	14.297	SSB	JOHN		02:03			02:06	USA	TX
115	WE9V	8/18/2013	20	14.245	SSB	WI		01:58			02:03	USA	PA
114	WA1FCN	8/18/2013	20	14.242	SSB	BOB					01:58	USA	WI
113	NX5M	8/18/2013	20	14.255	SSB	BOB					01:57	USA	AL
112	W4LH	8/18/2013	20	14.270	SSB	MADE					01:50	USA	TX



# ...More of PVARC's 2013 Lighthouse Weekend in Photos: Picnic Time



This year's grill master for our picnic, Norm, K6UU



PHOTOS ABOVE: JOHN FREEMAN, WW6WW

Special Thanks to Norm, K6UU, and Denise, KF6VTN, Thorn (left) for an outstanding job procuring, preparing, and cooking our food and condiments. We all greatly appreciated their efforts. PHOTO: DIANA FEINBERG, AI6DF

# Additional Thoughts On CW...

By Jerry Kendrick, NG6R

In the July 2013 QRO newsletter, Diana, AI6DF, shared her "secret" for improving code translation speed (keeping up with the moving "screen crawler" on certain TV news channels by converting the viewed messages into Morse code). In the article, she also provided three reasons to use CW (Morse code) for amateur radio communications:

1. Lower power required for effective communications, compared with some other modes such as single side-band (SSB),
2. Narrow bandwidth of these signals, enabling more refined tuning and filtering that can weed out QRM and can enable relatively effortless listening and code copying, and
3. The sheer thrill of mastering a challenging skill as an adult (the old dog/new trick concept).

I would like to add another perspective about learning Morse code. As young kids, we were all fascinated by the idea of learning a way to code messages so that we could communicate with a friend who also knew that same code, and perhaps exclude others who didn't. Whether or not we actually had the exposure opportunities or the fortitude to learn Morse code, that seed of fascination was planted.

Morse code was the means for hams to communicate since the first ham license was issued in 1912, at least until AM voice was added in the 1920s. Those who received ham licenses before February 2007 when the FCC finally eliminated the requirement for knowing Morse code had to demonstrate proficiency in receiving at certain code speeds (either 5, 13 or 20 wpm) depending on the level of the license and when they got licensed.

Now that Morse code has been completely eliminated as a ham radio requirement, those hams that learned it (if only to meet the licensing requirements) have a communications advantage over other licensed hams. As Diana correctly pointed out, CW can get through when voice and even some other digital modes cannot.

Morse code was a cornerstone of international radio communications for over a century. But, technological advances in communications, including satellites, have eliminated Morse code in international shipping and commercial communications. Now, Global Maritime Distress Safety System (GMDSS) has replaced Morse code on ships. The very last CW message by the French Navy in 1997 was *"This is our last cry before our eternal silence."* The final US commercial CW transmission in July 1999 was with Samuel Morse's original 1844 message, *"What hath God wrought"* and the prosign "SK." Clearly, an epic period of Morse code-based radio communications has ended. One of the last bastions of this classic translational language is amateur radio.

Looking toward future decades, as those hams proficient in CW become fewer in number, there will be less and less amateur radio communications using Morse code. And with fewer communicators, QRM in the CW sub-bands will be reduced. So, what a great opportunity for someone who still knows Morse code to step in and make those rare DX contacts!

I encourage any new, and especially younger, hams to buckle down and learn this translational language. No, it's not especially easy. But there are modern code teaching/learning techniques (and even electronic "code tutors") that make the process as quick and efficient as possible. In just a few weeks, dedicating 15-30 minutes a day, a whole new world of unique ham radio experiences can be opened to you. Bring back that feeling of fascination with coded messages that we all experienced as kids.

There are lots of hams in the PVARC who have learned and developed proficiency in Morse code and who would be willing—even eager—to share their experiences and help guide you in this effort. Take advantage of these Elmers and set off on a new adventure.

Learn the Morse code! ■

# ...And Two Morse Key Restoration Projects Demonstrate The "Wire Wheel" Method Works Quite Well

All restoration work and photos by Jerry Kendrick, NG6R

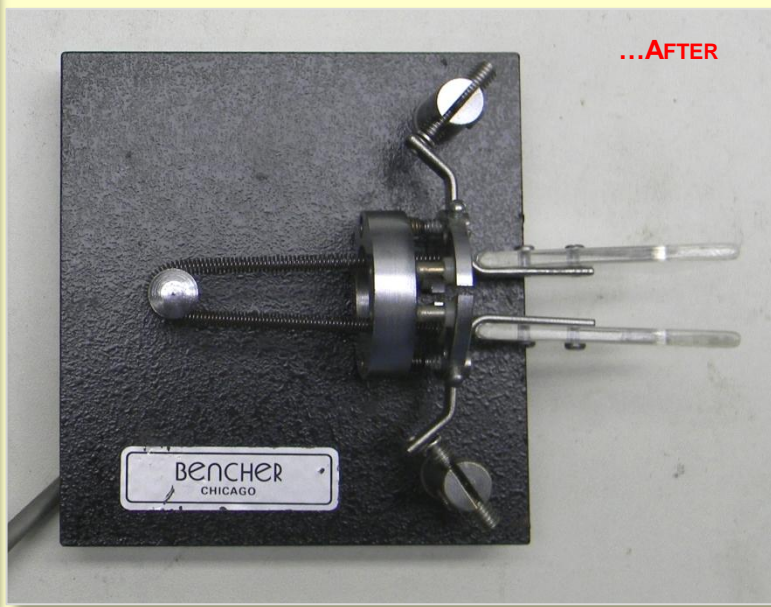
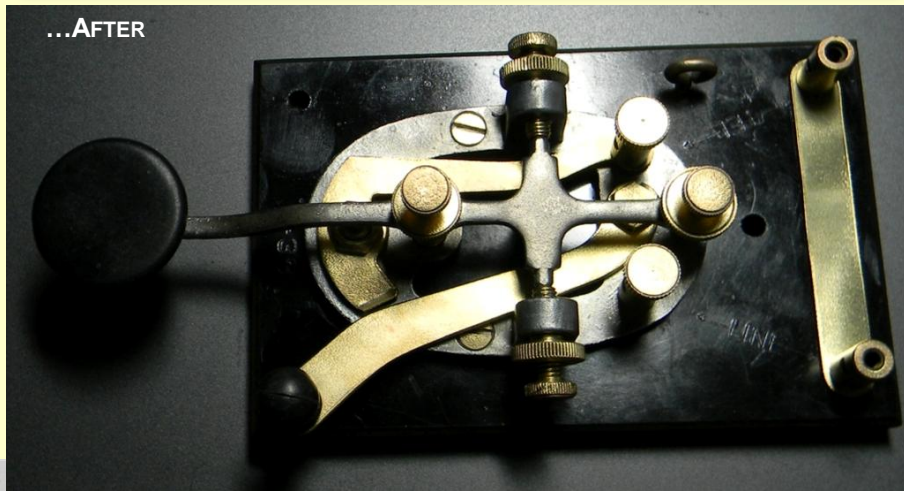
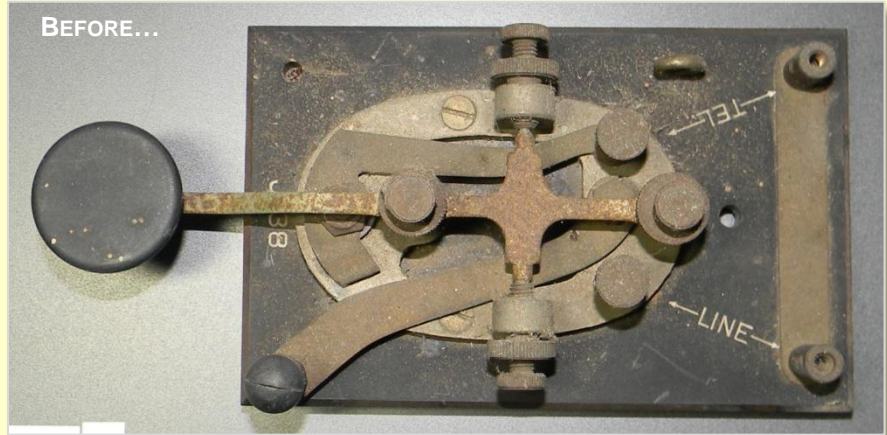
A long-time PVARC member found several corroded and broken CW keys around his home and recently gave them to fellow PVARC member Jerry, NG6R, for restoration.

Jerry used the "wire wheel" method for grinding off corrosion and grit, followed by polishing. He admits that restoration purists might not approve. But a wire wheel on a bench grinder gets the job done reasonably well without using toxic chemicals and the related hazardous waste disposal problems.

The photos at right show a J-38 key Jerry restored. The photos below illustrate a broken Bencher paddle he received in pieces, then restored, re-finished, and re-assembled.

Amazing work!

---Diana Feinberg, AI6DF ■



# Unusual Places Where PVARC Members Recently Operated

## Conquer the Bridge 2013

By Walt Ordway, K1DFO

This Labor Day was the 5th annual Conquer the Bridge 5.3 mile race and a new half-marathon race. There were over 2,500 registered runners and walkers for the 5.3 mile race and around 350 for the half-marathon.

The races both started at Harbor Blvd. and 5<sup>th</sup> Street near the Maritime Museum in San Pedro. The half-marathon race started at 6:30 AM and the 5.3 mile race started at 8:00 AM. They basically go North on Harbor Blvd. to the Vincent Thomas bridge and then go east over the bridge. The half-marathon turns south onto Navy Way and goes to the end and turns around and comes back. The 5.3 race goes over the bridge and turns around at Navy Way on Terminal Island and then comes back over the bridge and back down Harbor Blvd. to the Finish line.

The event went very well. The good news is that there were no injuries during the event. It is also very likely that the race director will do both of these races again next Labor Day.

We had many very good operators at various locations along the course. The operators this year were Matthew N6MDC, Scotty K6NZL, Tom KJ6JPZ, Steve KI6TEQ, Diana AI6DF, Bob KI6BUK, Joe NZ6L, Michelle KJ6WZE, Chris KA6WNK, Leroy KI6EAO, Herb KO6RC, Mickey KJ6CAW, Peter KE6JPM, and Walt K1DFO. ■



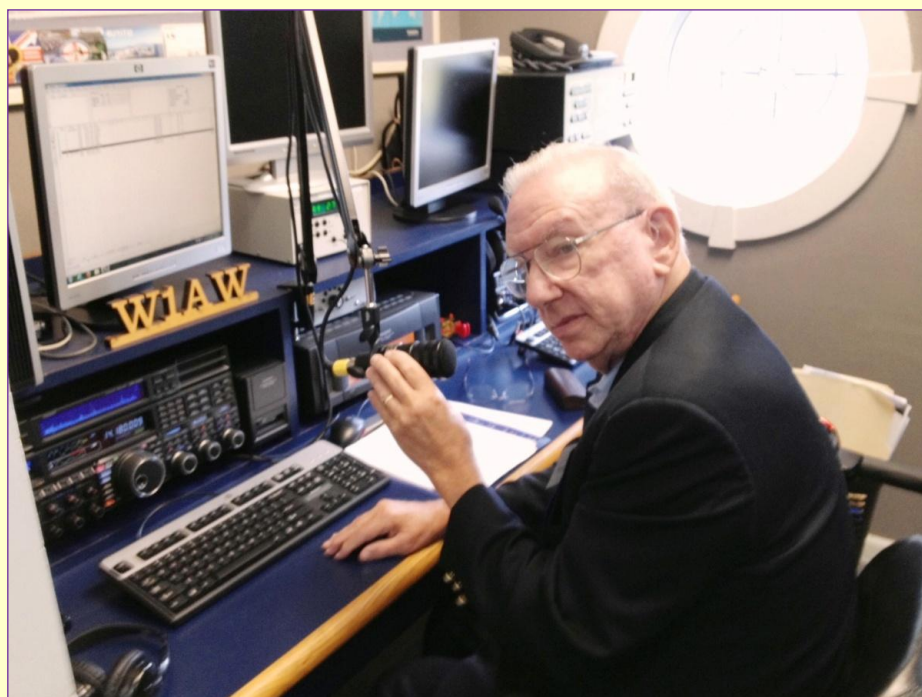
**Above:** PVARC members Diana AI6DF (shown) and Steve KI6TEQ operated 205 feet above Los Angeles Harbor's Main Channel at the Vincent Thomas Bridge's West and East towers during this year's Conquer the Bridge race. PVARC member Herb KM6DD snapped this photo as a walker/runner in the race. PHOTO: HERB CLARKSON, KM6DD

## Let QRO Know If You Operate Here

**Right:** That's PVARC member Malin Dollinger, KJ6HUB, operating in W1AW Studio 3 at ARRL headquarters last month while visiting Connecticut for his Yale University medical school 50-year class reunion.

Malin was also able to work PVARC member Jeff Wolf, K6JW, on 20-meters from W1AW. Malin enjoyed using W1AW's Yaesu FTDX-5000 HF rig but he is keeping his Elecraft K3 transceiver nevertheless.

PHOTO: ARRL STAFF





# The Correct Battery Polarity in the Dark is Easy With “Dots”

By Chris Storey, KA6WNK

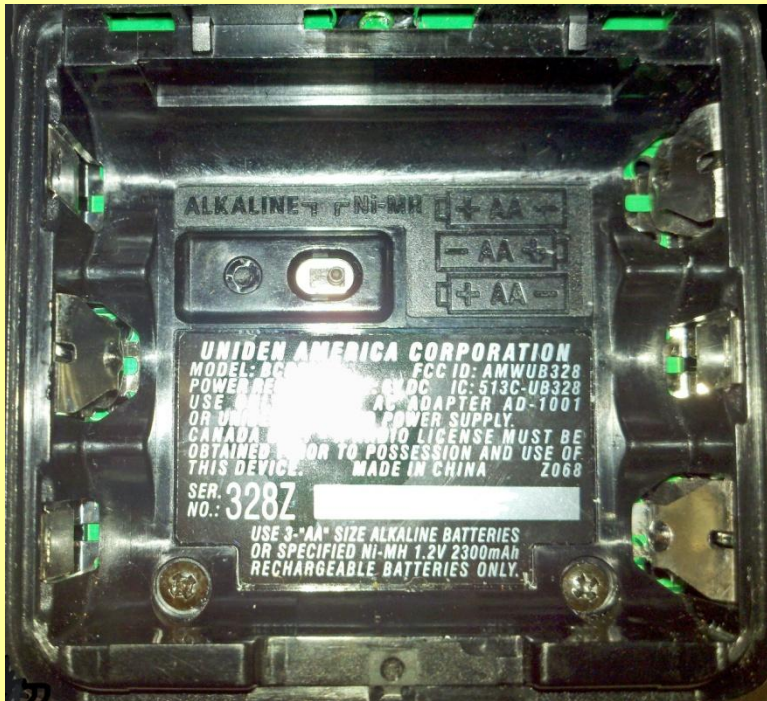
Like many of you, I too have many electronic devices that use AAA, AA, C, and D cell batteries.

These devices typically have the battery polarity poorly-marked inside the battery compartment with small + and – symbols embossed into the plastic, or with a paper label that eventually falls off.

To better identify battery polarity, especially in low lighting, I use an opaque liquid paint marker to place a colored dot inside the battery compartment near the positive (+) end of each cell.

The paint marker I use is a white DecoColor Opaque Paint marker (Marvy model #300-S-White). It is available from most craft, stationary, or office supply stores. I use white because it is the easiest to see in low lighting, especially inside a black plastic battery compartment. A brightly colored nail polish would also work, although I have not tried nail polish yet. You will want to let the paint marker dry several hours before replacing the batteries to ensure the best adhesion to the plastic.

This tip has proven so effective that marking battery polarities is the first thing I do whenever I get a new battery-powered device. ■



**Notice the difference:** Battery compartment before (above) and after application of white opaque paint (below) to indicate positive battery polarity in low-light conditions. Note the hard-to-see + and – signs embossed into the black plastic. Even in regular lighting these embossed labels can be very difficult to read. Also note that both photos are about twice actual size. BOTH PHOTOS: CHRIS STOREY, KA6WNK



Is there a technical hint you would like to share with fellow PVARC members?

Let QRO know and we'll publish it.

## Boy Scouts “Jamboree on the Air” Looking for Hams to Oversee HF Operation Oct. 19-20 at Cabrillo Beach

The Boy Scouts of America Los Angeles section will operate HF amateur stations from two locations in San Pedro during this year’s scout “Jamboree on the Air” on October 19-20.

Amateurs interested in providing HF equipment or oversight at the Cabrillo Beach Youth Center operating site should contact PVARC member Curtis Watanabe, KI6KUK, at [CurtisW007@gmail.com](mailto:CurtisW007@gmail.com). Members of the Battleship Iowa Amateur Radio Association will mostly oversee operations at the Scouts’ other JOTA site on-board the USS Iowa in Los Angeles Harbor, but some PVARC and South Bay Amateur Radio Club members might serve there too.

This year the Scouts would like to operate HF bands overnight from the Cabrillo Beach Youth Center to reach DX stations in distant time zones. The Youth Center building has a flat roof that can be used for antennas and radio operating positions.

Last year’s JOTA aboard the USS Iowa was a first, but this ship cannot be used during evening hours or overnight. The Iowa also requires admission fees for adult ham operators not associated with the BIARA group. The Cabrillo Beach site will not entail such fees.

Please note the JOTA event is conducted by the Boy Scouts of America and is not a PVARC-sponsored activity. ■

Cabrillo Beach



USS Iowa



Sites for the October 2013 Boy Scouts’ Jamboree on the Air in San Pedro, photographed at dawn’s first light on Labor Day prior to “Conquer the Bridge” race at Los Angeles Harbor.  
PHOTO: DIANA FEINBERG, AI6DF

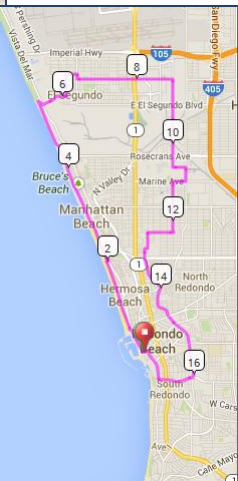
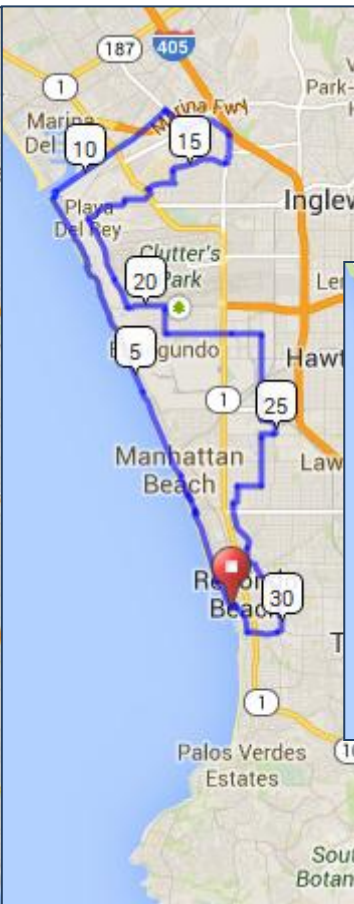


# PVARC Handling RAT Beach Bike Tour Communication on Sept. 21, Several More Radio Operators Still Needed

The South Bay Sunrise Rotary Club has again asked the PVARC to provide radio communication for the 4th Annual RAT Beach Bike Tour on Saturday morning, Sept. 21. We still need several more operators for the Roving Vans that will patrol the bicycle course. Please advise Diana, AI6DF, if you are able to serve as a Roving Operator. We'll provide a mobile radio and mag-mount antenna for the Van you are in, if needed.

This year's Bike Tour will again Start/Finish at Redondo Beach King Harbor's Seaside Lagoon area, also the site for our Net Control. SAG Stops with PVARC operators will be at Dockweiler State Beach underneath the LAX takeoff pattern; at El Segundo's Recreation Park; at Torrance Airport's General Aviation Terminal; and at 22<sup>nd</sup> St. Park in San Pedro.

Proceeds from this year's Bike Tour benefit the non-profit Pediatric Therapy Network of Torrance, which has provided occupational, physical, and speech-language therapy to children with special needs since 1996. ■



*All three maps at approximately same scale. Numbers shown in "balloons" are mile markers.*

**Small map, left:** RAT Beach Bike Tour's 15.5-mile route.

**Middle map, left:** RAT Beach Bike Tour's 31-mile route

**Large map, left:** RAT Beach Bike Tour's 62-mile route north to Marina del Rey and back via Palos Verdes Peninsula.

## PVARC 2013 Holiday Dinner Now Taking Reservations

Reservations are being taken for our club's 2013 Holiday Dinner on Wednesday, December 11, at the well-known Ports O'Call Restaurant along San Pedro's waterfront. Please see the RSVP form on page 16 of this QRO issue.

We held our December 2011 dinner at the Ports O'Call Restaurant and everyone enjoyed it. This year's dinner will be a self-serve buffet, as in 2011, but in a larger room that facilitates serving from both sides of the buffet line to substantially reduce waiting times.

This year's dinner will be in an upstairs room (with elevator nearby) having a full view from the harbor breakwater through the Los Angeles Harbor channel. There's definitely plenty of space to mingle here with fellow club members, spouses, and guests. We also have ample space to accommodate a no-host bar dedicated just for our dinner attendees.

The price per person is \$42, the same as last year, and includes our after-dinner array of ham radio raffle prizes with everyone receiving two free tickets. Our after-dinner speaker will be confirmed soon.

Join fellow club members, spouses, family members, and guests for a memorable evening at Ports O'Call Restaurant on December 11. ■

## Check In to PVARC Tuesday Nets, Check Out K6PV Century Award

PVARC's Tuesday night nets at 7:30 pm on the K6PV repeater are open for all members (and guests) to check in. Each net control operator will also add a mystery question within their net. There's no obligation to participate with the question, however.

Please also use K6PV for amassing additional contacts to qualify for our K6PV Century Club Award—just achieve at least 100 points (3 points for each contact with a PVARC member). ■

◆ 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	Clay Davis, AB9A
Treasurer	Peter Landon, KE6JPM
Secretary	Malin Dollinger, KJ6HUB
Directors:	Ray Day, N6HE
	Joe Pace, NZ6L

### Appointed Offices:

QRO Editor	Diana Feinberg, AI6DF
Asst. to Editor	Paige Omoto, KI6MAH
Webmaster	John Freeman, WW6WW
Club Librarian	Bryant Winchell, W2RGG
K6PV Repeater	
Trustee	Mel Hughes, K6SY
VE Coordinator	Dave Scholler, KG6BPH
VE Liaison	Diana Feinberg, AI6DF

### Contacts:

QRO Editor: 310-544-2917, [ai6df@arrl.net](mailto:ai6df@arrl.net)  
Webmaster: 310-541-6971, [jrfree@cox.net](mailto:jrfree@cox.net)

Email us: [k6pv@arrl.net](mailto:k6pv@arrl.net)

Website: [www.palosverdes.com/pvarc](http://www.palosverdes.com/pvarc)

### 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

**QRO** is published monthly by the Palos Verdes Amateur Radio Club, ©2013 all rights reserved.

For permission to reprint please contact PVARC at: [k6pv@arrl.net](mailto:k6pv@arrl.net)

Front page photos—

*Top Left: The Pt. Vicente Lighthouse at sunset on a humid evening, August 29, 2013, with Catalina Island across the channel. PHOTO: DIANA FEINBERG, AI6DF*

*Center Right: Elecraft's KX3 transceiver. PHOTO: ELECRAFT.*

## The 47<sup>th</sup> California QSO Party is October 5th & 6th

2013 is the 47<sup>th</sup> running of the California QSO Party – "CQP" – believed the largest State QSO Party of the 50 U.S. states.

The CQP objective is to work as many stations in California as you can on both CW and Phone. Stations may be worked once per mode/band combination for points with California Counties (58 of them) as individual multipliers.

California stations also get credit for working stations in other US States and Canadian Provinces.

The contest runs from 1600Z October 5<sup>th</sup>, 2013 to 2200Z on October 6<sup>th</sup>, 2013. Full rules are at:

<http://www.cqp.org/Rules.html>

There's a major effort in 2013 by CQP organizers to beat past participation records. Lots of stations are expected on the bands this year.

The Northern California Contest Club sponsors CQP and offers a variety of awards to amateur stations in- and outside of California. Awards include plaques for the top operators in Youth (under 18) and YL categories. A full list of awards is included in the rules.

Hope to hear you on the air during California's 2013 QSO Party. ■

## Collector Pins from HAMCON 2011 / 2011 ARRL South-Western Division Convention

Did you attend the 2011 ARRL Southwestern Division Convention (HAMCON 2011) at the Torrance Marriott and not purchase an official pin? A limited number of cloisonné pins from this convention will be available for \$3 each at PVARC's September 18 meeting. All proceeds go toward staging HAMCON 2015, also at the Torrance Marriott. ■



## WELCOME NEW MEMBERS OF THE PALOS VERDES AMATEUR RADIO CLUB IN 2013

**Ron Anderson, KK6AAZ**

**Laura Behenna, KK6BFI**

**Anthony Bressickello, W6GEZ**

**Jerry Kendrick, NG6R**

**Peter Martinez, KK6CLI**

**Robert Kollar, KI6YMD**

**Tony Kordich, KK6DYL**

**Cindy Matsuda, KJ6NWO**

**Blake Bartosh, KK6CZC**

**David Bloodgood, K6WN**

**Larry Shapiro, K6RO**

**Nicholas Wagner, KB6PL**

**Steve Marschke, KK6EOS**

**Debbie Marschke, KK6EOW**

**Andrew DeCristofaro, KI6BKD**

**Dominic DeCristofaro, KI6BOO**

## Can You Be An Elmer To a New Ham (Even in A Small Way)?

We say again: Our club has assembled a list of PVARC members who offered to assist new hams or longer-timers on any amateur radio issue.

We'll make the list of Elmers available to club members who ask for assistance. How about adding your name to our list ?

Please contact our VP, Clay AB9A at: [ab9a@arrl.net](mailto:ab9a@arrl.net) ■

# Palos Verdes Amateur Radio Club 2013 Calendar

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

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

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

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

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

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

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

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

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

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

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

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

 Club Activity  Club Public Service

## 2013 Major Contest Dates

 ARRL  CQ Magazine and Other

- Jan. 5-6: ARRL RTTY Roundup  
 Jan. 19-21: ARRL January VHF Sweepstakes  
 Jan. 26-27: CQ Worldwide 160-Meter (CW)  
 Feb. 9-10: CQ Worldwide RTTY WPX  
 Feb. 16-17: ARRL DX (CW)  
 Feb. 23: North American RTTY QSO Party  
 Feb. 23-24: CQ Worldwide 160-Meter (SSB)  
 Mar. 2-3: ARRL DX (SSB)  
 Mar. 30-31: CQ Worldwide SSB WPX  
 May 25-26: CQ Worldwide CW WPX  
 Jun. 8-9: ARRL June VHF Contest  
 Jun. 22-23: ARRL Field Day   
 Jul. 13-14: IARU HF Championship  
 Jul. 20-21: CQ Worldwide VHF  
 Aug. 3-4: ARRL UHF Contest  
 Sept. 14-16: ARRL September VHF Contest  
 Sept. 28-29: CQ Worldwide RTTY DX  
 Oct. 5-6: California QSO Party  
 Oct. 26-27: CQ Worldwide SSB DX  
 Nov. 2-3: ARRL Sweepstakes (CW)  
 Nov. 16-17: ARRL Sweepstakes (SSB)  
 Nov. 23-24: CQ Worldwide CW DX  
 Dec. 6-8: ARRL 160-Meter Contest  
 Dec. 14-15: ARRL 10-Meter Contest

## PVARC Nets

Every **Tuesday** at 7:30 pm on K6PV, 447.120 MHz (-), PL 100.0, all club members and guests are invited to check in and share information.

## PVARC Meetings

7:30 pm on **3<sup>rd</sup> Wednesday** of every month, except August and December, at Fred Hesse Park, 29301 Hawthorne Blvd., Rancho Palos Verdes. Guests always welcome. A no-host dinner is held at 5:30 pm before club meetings at the Red Onion Restaurant, 736 Silver Spur Road, Rolling Hills Estates.

**August 18:** Annual family picnic at Pt. Vicente Lighthouse in conjunction with International Lighthouse & Lightship Weekend.

**December 11:** Holiday dinner. Ports O'Call Restaurant, San Pedro.

## PVARC Public Service Events

- August 10:** Rolling Hills Estates "Hills Are Alive" 5K/10K  
**Sept. 2:** L.A. Harbor "Conquer the Bridge" Race  
**Sept. 21:** RAT Beach Bike Tour  
**Oct. 13:** Mary's Promenade 5K/10K  
**Nov. 16:** Palos Verdes Half Marathon & 5K

## PVARC's Islands on the Air Annual DXpedition

**Feb. 20-24:** Two Harbors, Catalina Island. (We'll be back in 2014—bad weather canceled our boat transportation this year.)



Palos Verdes Amateur Radio Club  
 P.O. Box 2316  
 Palos Verdes Peninsula, CA 90274  
[www.palosverdes.com/pvarc](http://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 1<sup>st</sup> to December 31<sup>st</sup> 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: \_\_\_\_\_



*Please Join Us for the Palos Verdes Amateur Radio Club's  
Annual Holiday Dinner*

*Ports O'Call Restaurant*

*1199 Nagoya Way (Berth 76), San Pedro, CA*

*Wednesday, December 11, 2013*

*Meet and Greet beginning at 6:30 pm,*

*Dinner at 7:00 pm, followed by program and prize raffle*

**Buffet Menu:**

*California Greens with Sliced Apples, Candied Walnuts,*

*Bleu Cheese Crumbles and Raspberry Vinaigrette*

*Classic Tossed Caesar Salad*

*Fresh Fruit Platter, Yogurt Dip*

*Roasted Vegetables with Vinaigrette*

*London Broil with Roasted Shallot-Peppercorn Reduction*

*King Salmon with Dill Butter and*

*Caramelized Onions*

*Steamed Vegetables Melange*

*Roasted Baby Red Potatoes*

*Warm Rolls and Butter*

*A Tempting Array of Desserts*

*(Cheesecake, Carrot Cake,*

*Chocolate Cake, Tiramisu)*

*Coffee, Decaf, Hot and Iced Tea*

*\$42.00 per person, in advance*

*(same price as 2012 dinner)*

Please use RSVP cards available at monthly club meetings or shown at right. Mail to: PVARC, PO Box 2316, Palos Verdes Peninsula, CA 90274; or return at a monthly meeting.

**PALOS VERDES AMATEUR RADIO CLUB  
2013 HOLIDAY DINNER**

Ports O'Call Restaurant, San Pedro;  
Wednesday, December 11, 2013

Price per person: \$42

Number of people attending: \_\_\_\_\_

I would like to also donate:

\$5 \_\_\_ \$10 \_\_\_ \$15 \_\_\_ Other amount \_\_\_\_\_

Total amount enclosed: \$ \_\_\_\_\_

Please make check payable to the

**Palos Verdes Amateur Radio Club**

(All donations are applied towards club expenses for the evening.)

Name \_\_\_\_\_

Call Sign \_\_\_\_\_





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 (2<sup>nd</sup> level)

Each course is 2 sessions

The next sessions are on 12 October & 19 October 2013

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 26 October 2013

The Palos Verdes Amateur Radio Club will make a brief presentation at 9:30 AM at the start of the 12 October Technician class on how to get further involved with amateur radio.

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

No pre-registration required; 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 pass their examination at a PVARC VE 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.

For more information contact Walt, K1DFO, at [waltordway@juno.com](mailto:waltordway@juno.com)

## 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 photo at the top shows the Pt. Vicente Lighthouse around sunset on August 29, 2013, which was a warm and humid day. The photo at center right shows the Elecraft KX3 radio.

Page 3: Six photos of the PVARC's 2013 Lighthouse Weekend radio setup at Pt. Vicente Lighthouse have the captions, "Photos (Above and bottom right), Diana Feinberg, AI6DF. Top left: Jeff, K6JW, assembles our HF station inside lighthouse. **Top right:** Bill, WA6ESC, sets up UHF talk-in station, with Bob, W6HIP looking on. **Center left:** Dale, N6NNW, and Bob, W6HIP, prepare to raise trailer tower. **Center right:** Bob, W6HIP, makes final adjustments to antenna tower. **Bottom left:** Assembled Yagi antenna supplied by Dale, N6NNW, is ready for contacts. Photo by Bob Closson, W6HIP. **Bottom right:** Pt. Vicente Lighthouse shortly before sunset on Friday night. "

Page 4: Five photos of the PVARC's HF operating station inside the lighthouse have the captions: "K6PV made some interesting contacts during Lighthouse Weekend. Within a short span on Saturday night our log (see left, circled in red) had QSO's with a ham in Texas named "Gator", a ham in Estonia along the Baltic Sea, and with NW8S operating inside the Lorain, OH, lighthouse about 30 miles west of Cleveland. **Left middle:** Bob Closson, W6HIP, operating daytime shift. **Left bottom:** Clay Davis, AB9A, and Peter Landon, KE6JPM, operating on Sunday morning. **Right center:** Saturday night beams at Pt. Vicente Lighthouse. **Right bottom:** K6PV after dark. PHOTOS: DIANA FEINBERG, AI6DF"

Page 5: Seven photos show club members, family, and guests attending PVARC's picnic on Sunday, August 21. Photos by John Freeman, WW6WW. A text box at right bottom says, "Special Thanks to Norm, K6UU, and Denise, KF6VTN, Thorn (left) for an outstanding job procuring, preparing, and cooking our food. We all greatly appreciated their efforts. PHOTO: DIANA FEINBERG, AI6DF ". Photos on the left side show Norm as our grillmaster preparing the meat dishes.

Page 7: The two top photos by Jerry Kendrick, NG6R, show the before and after appearance of a J-38 key that Jerry restored. The before photo shows substantial rust and corrosion on this key. The two bottom photos show before and after a Bencher BY-2 iambic key that NG6R also restored and re-assembled.

Page 8: Two photos show unusual places where PVARC members recently operated. The photo at top right has the caption, "Above: PVARC members Diana AI6DF (shown) and Steve KI6TEQ operated 205 feet above Los Angeles Harbor's Main Channel at the Vincent Thomas Bridge's West and East towers during this year's Conquer the Bridge race. PVARC member Herb KM6DD snapped this photo as a walker/runner in the race. PHOTO: HERB CLARKSON, KM6DD". The photo at the bottom has the caption, "Right: That's PVARC member Malin Dollinger, KJ6HUB, operating in W1AW Studio 3 at ARRL headquarters last month while visiting Connecticut for his Yale University medical school 50-year class reunion. Malin enjoyed using W1AW's Yaesu FTDX-5000 HF rig but he is keeping his Elecraft K3 transceiver nevertheless. PHOTO: ARRL STAFF".

## 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 9: Two photos of the battery compartment for a handheld radio have the caption, "Notice the difference: Battery compartment before (above) and after application of white opaque paint (below) to indicate positive battery polarity in low-light conditions. Note the hard-to-see + and – signs embossed into the black plastic. Even in regular lighting these embossed labels can be very difficult to read. Also note that both photos are about twice actual size. BOTH PHOTOS: CHRIS STOREY, KA6WNK".

Page 10: The photo on the bottom half of the page has the caption, "Sites for the October 2013 Boy Scouts' Jamboree on the Air in San Pedro, photographed at dawn's first light on Labor Day prior to "Conquer the Bridge" race at Los Angeles Harbor. PHOTO: DIANA FEINBERG, AI6DF". The two sites are Cabrillo Beach and on-board the USS Iowa.

Page 11: There are three maps showing the 62-mile, 31.5 mile, and 15.5 mile courses for the RAT Beach Bike Tour on September 21. The bike tour's logo appear at upper right.

Page 13: The photo at bottom left shows the official pin from the 2011 ARRL Southwestern Division Convention held at the Torrance Marriott Hotel in September 2011.

Page 14: Shows the PVARC's calendar of events for 2013.

Page 15: This page is the club's membership form.

Page 16: This page is the invitation and response form for the PVARC's 2013 Holiday Dinner at the Ports O'Call Restaurant in San Pedro on Wednesday, December 11.

Page 17: This page is the announcement for the next round of ham radio license classes at Hesse Park. The photo at upper left shows a Kenwood 2-meter handheld transceiver.