



# QRO

THE MONTHLY NEWSLETTER OF THE PALOS VERDES AMATEUR RADIO CLUB

JULY 2013

## If Your Radio Uses a Battery, Learn from This Expert

Our July 17<sup>th</sup> meeting speaker is a natural expert for discussing batteries--especially batteries relating to Amateur Radio.

Howard Rogers, KF6NOR, will present how batteries work, their safety, and applications. Primary cells (alkaline and lithium), as well as secondary cells with nickel cadmium, nickel metal hydride, lithium-ion, and lead-acid chemistries will all be covered.

Howard did research and development on the nickel-hydrogen battery for satellites (and other batteries) until retiring in 2002 from Boeing Satellite Systems, previously part of Hughes Aircraft.

He received his B. S. degree in Chemistry from the University of Illinois and Ph. D. in Inorganic Chemistry from the Massachusetts Institute of Technology. Howard is still involved with disaster communications through the Torrance Amateur Radio Association, where he initially gave this presentation. ■

### “Batteries and Amateur Radio”

Howard Rogers, KF6NOR

**When:** PVARC Monthly Meeting, 7:30 pm, Wednesday, July 17, 2013. Visitors Welcome

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



# Why I Decided to Study CW But Skip the CW Network

By Diana Feinberg, AI6DF  
PVARC President

How times change. Ask any area teenager about “CW” and they will tell you it’s now a network for vampires, the supernatural, and adolescent hormones in motion on TV’s Channel 5.

Thankfully amateur radio hasn’t really changed-- what we call “CW” still refers to Morse code transmissions. Learning Morse code is more difficult at the older age when many of us now enter ham radio and of course Morse code is no longer required for any amateur license in the U.S.

But I hope to convince you that practicing to use our CW is definitely worthier of any ham’s time vs. viewing the other CW’s “Vampire Diaries” and angst of youthful mating.

I found several reasons for learning Morse code in 2006 and still practice code nearly every day, even if not on the air. What ironically made CW learning more enjoyable was doing it while watching television. Say again?

Yes, I found practicing my sending by keying the “screen crawler” at the bottom of news channel programs was a great motivator. It’s challenging keeping up with the moving “screen crawler” but I accomplish two things at once: watching the news and practicing sending CW, both from the comfort of my favorite Stressless® Recliner chair. This is much more pleasurable than sitting at a desk and practicing CW there.

Why go to this trouble if Morse code is no longer required for an amateur license?

To be honest, I had to take the 5 wpm code test to get my General license in 2006—so I got a partial start.

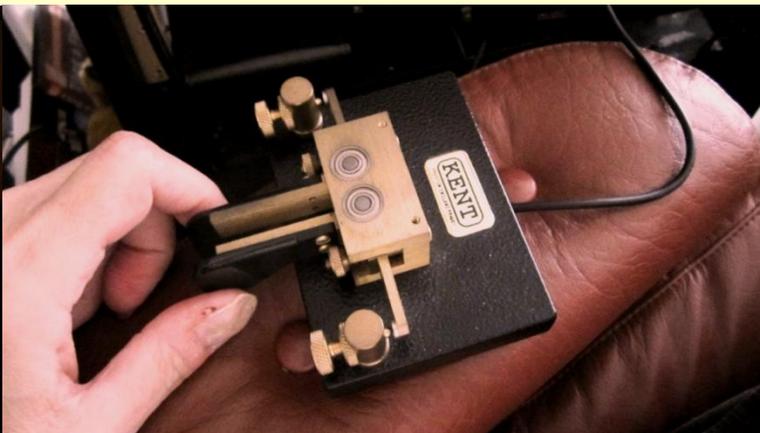
But there are still a lot of hams who use CW and newer hams (young and old) are taking up the CW challenge.

CW as an operating mode allows using much lower power than SSB. That’s an important consideration if one lives in an HOA with CC&R limitations and close proximity to neighbors.

CW typically has a 20 to 1 power advantage over SSB due to the lesser bandwidth used. That means 5 watts on CW can about equal 100 watts on phone. A full 100-watt output on CW also means an amplifier usually isn’t needed.

On the receiving side CW’s narrow bandwidth enables much finer tuning and filtering, often allowing almost effortless listening.

Finally, learning Morse code later in life proves again that older dogs can learn new tricks. Try my screen-crawler technique with the news channel of your political persuasion and forget about those young supernaturals trying to get a life on the other CW. ■



**It's What I Do:** As the lead defense attorney in a Florida murder case describes what he does for a living, AI6DF does the news “screen crawler” in Morse code from her Stressless® Recliner chair. Keeping up with the crawler can be challenging. PHOTOS: (LEFT) SCREEN SHOT, CABLE NEWS NETWORK, JULY 13, 2013; (RIGHT) AI6DF SELF-PORTRAIT

## PVARC's 2013 Field Day: Those Lawn Sprinklers Turned On Again, With Other Challenging Conditions This Year

Field Day *Sprinklers Overnight	(A) PVARC Total Points	(B) PVARC Rank of all U.S. & Canada Field Day stations	(C) PVARC Rank of all 2A in South- Western Division	(D) PVARC Rank of all 2A stations in LAX Section
2013*	4,248	???	???	???
2012	5,188	259 <sup>th</sup> of 2,617	5 <sup>th</sup> of 24	1 <sup>st</sup> of 8
2011*	4,492	341 <sup>st</sup> of 2,632	6 <sup>th</sup> of 24	1 <sup>st</sup> of 5
2010	5,468	219 <sup>th</sup> of 2,617	5 <sup>th</sup> of 31	1 <sup>st</sup> of 8
2009*	3,930	391 <sup>st</sup> of 2,603	9 <sup>th</sup> of 27	3 <sup>rd</sup> of 7
2008	4,160	332 <sup>nd</sup> of 2,409	4 <sup>th</sup> of 27	1 <sup>st</sup> of 9
2007	3,216	511 <sup>th</sup> of 2,331	6 <sup>th</sup> of 28	2 <sup>nd</sup> of 7
2006	5,242	223 <sup>rd</sup> of 2,169	4 <sup>th</sup> of 30	2 <sup>nd</sup> of 5
2005	6,216	162 <sup>nd</sup> of 2,199	3 <sup>rd</sup> of 32	2 <sup>nd</sup> of 8
2004	7,118	126 <sup>th</sup> of 2,242	3 <sup>rd</sup> of 30	2 <sup>nd</sup> of 7
2003	6,192	126 <sup>th</sup> of 2,079	4 <sup>th</sup> of 37	3 <sup>rd</sup> of 8
2002	6,246	194 <sup>th</sup> of 2,099	3 <sup>rd</sup> of 28	1 <sup>st</sup> of 7

PVARC's Field Day Points	<u>2013</u>	<u>2012</u>	<u>2011</u>
Bonus Points	770	850	750
Claimed Score	3,478	4,338	3,742
Total Score	4,248	5,188	4,492

The PVARC's ARRL Field Day on June 22-23 was blessed with outstanding weather, a great turnout by club members, and plenty of equipment. But the best-laid plans again fell to lawn sprinklers mysteriously turning on during the overnight hours.

Band conditions weren't the greatest this year either and we were unable to fully exploit a terrific opening on 15-meters from about 11 am to 6 pm on Saturday, June 22.

As shown in the table at left, our 4,248 points this year are in the same range as 2009 and 2011 when the lawn sprinklers also unexpectedly interrupted Field Day operations.

Our CW team this year (Dan, W6DC; Jeff, K6JW; Jerry, NG6R; and Rocco, N6KN) did a great job despite the water and a form of broadband interference emanating from the FT-897 radios in our SSB and GOTA stations. This was the first year Jerry, NG6R, operated at our Field Day. His evening shift on 40-meter CW until midnight got a water-blasting, but that's not an initiation rite we plan for.

We also lost our one satellite contact opportunity this year when higher-power stations blasted over the exchange we were expecting to hear.

According to other clubs and people we spoke with, the best band in the LAX section during this year's Field Day was 15-meters on Saturday. The next page shows our club's contacts by band this year vs. the two previous Field Days.

The ARRL will publish final 2013 Field Day scores and standings in early-November. ■

## PVARC's 2013 Field Day: Those Lawn Sprinklers Turned On Again, With Other Challenging Conditions This Year



Despite the best intentions, the soccer field sprinklers came on during Field Day's overnight hours at Ridgecrest Intermediate School. The sprinkler system's main valve appeared to have been closed near our CW tent (being set up by Sid Wielin, KF6QFH, center-left in photo at 7:30am Saturday). But water still sprayed everywhere. All our generators were dry and safely kept on hard surfaces well-away from grass and brush areas.

PHOTO: DIANA FEINBERG, AI6DF

Band conditions weren't the best this year and our QSO count on CW (see table below) was hampered by broadband interference from our SSB station. That resulted in CW operation on sub-optimal bands at times.

Field Day QSOs	CW			Digital			SSB / FM		
	2013	2012	2011	2013	2012	2011	2013	2012	2011
<b>Band</b>	<b>2013</b>	<b>2012</b>	<b>2011</b>	<b>2013</b>	<b>2012</b>	<b>2011</b>	<b>2013</b>	<b>2012</b>	<b>2011</b>
160m	--	--	--	--	--	--	--	--	--
80m	--	--	6	--	--	--	53	31	10
40m	206	--	179	--	4	--	27	24	17
20m	209	319	203	--	11	--	297	310	198
15m	167	389	256	--	--	--	91	273	58
10m	--	--	71	--	--	--	3	1	18
6m	--	--	--	--	--	--	55	47	108
2m	--	--	--	--	--	--	19	29	18
1.25m	--	--	--	--	--	--	--	--	14
Other	--	--	--	--	--	--	5	7	--
Satellite	--	--	--	--	--	--	--	1	--
GOTA	--	--	--	--	--	--	25	--	--
<b>Total</b>	<b>582</b>	<b>708</b>	<b>715</b>	<b>--</b>	<b>15</b>	<b>--</b>	<b>575</b>	<b>723</b>	<b>441</b>

# Scenes from PVARC's 2013 Field Day at Ridgecrest School



**Left:** 7:45am Saturday, (L-R) Jerry Kendrick, NG6R; Blake Bartosh, KK6CZC; and Rocco Lardiere, N6KN, begin assembling Rocco's Yagi beam on Ridgecrest's soccer field for our CW station. Sid Wielin, KF6QFH, loaned the tent and is inside finishing its assembly. PHOTO: DIANA FEINBERG, AI6DF



**Above:** The assembled CW antenna atop PVARC's tower trailer. PHOTO: CHRIS STOREY, KA6WNK



**Above:** Bob Closson, W6HIP, and Peter Landon, KE6JPM, prepare to raise the American flag on SSB antenna mast. PHOTO: CHRIS STOREY, KA6WNK



**Left:** Tony Kordich, KK6DYL, and Mel Hughes, K6SY, position Mel's VHF/UHF log periodic antenna on its mast. PHOTO: JOHN FREEMAN, WW6WW



**Above:** Chris Storey, KA6WNK, made a satellite contact from Ridgecrest but the exchange got squashed by higher-power stations that barged in. We could not count the contact in our point totals. PHOTO: BOB CLOSSON, W6HIP



**Left:** Jeff Wolf, K6JW, working CW on Saturday with the K6JW paddle handles he designed for Vibroplex Iambic keys. PHOTO: CHRIS STOREY, KA6WNK

*Former and current Mayors of Rancho Palos Verdes operating on Saturday afternoon.*

**Below left:** Mel Hughes, K6SY, RPV Mayor in 1990, operating PVARC's VHF/UHF station. PHOTO: BOB CLOSSON, W6HIP.

**Below right:** RPV's current Mayor Susan Brooks (also Mayor in 1993) takes the mike at the GOTA station on 40-meter SSB, contacting W6BA near Twentynine Palms, with Diana Feinberg, A16DF, as control operator. PHOTO: MALIN DOLLINGER, KJ6HUB

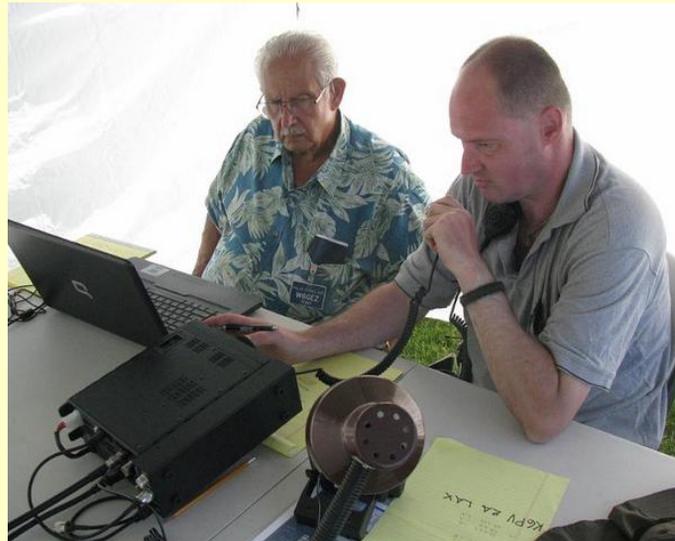


# More Scenes From 2013 Field Day

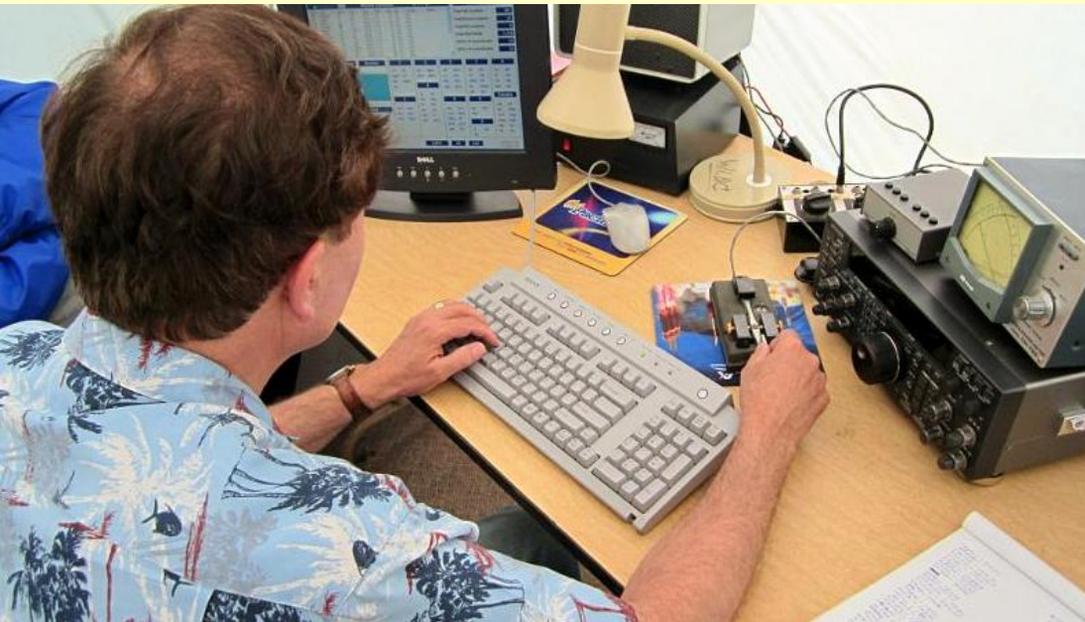
**Right:** PVARC's "Men in Blue" (or PVARC's version of "Blue Man Group"?), Malin Dollinger KJ6HUB; Clay Davis, AB9A; and Bob Closson, W6HIP, at the SSB station on Saturday.  
PHOTO: JOHN FREEMAN, WW6WW



**Below:** Cindy Matsuda, KJ6NWO, and Gary Kaneshiro, KJ6HUJ, operating the VHF/UHF station in the school's parking lot.  
PHOTO: JOHN FREEMAN, WW6WW



**Above:** Tony Bressickello, W6GEZ, and Chris Storey, KA6WNK, operating 20-meter SSB on Saturday afternoon.  
PHOTO: BOB CLOSSON, W6HIP



**Left:** Rocco Lardiere, N6KN, uses one hand on the keyboard and the other on his Begali key to work four CW contacts per minute on 20-meters Sunday morning near Field Day's end.  
PHOTO: DIANA FEINBERG, AI6DF



**Left:** Group photo of almost everyone on our Field Day site at 5:30 pm Saturday.

Front row, left to right: David Greenhut, N6HD and ARRL LAX Section Manager; Tony Bressickello, W6GEZ; Dr. Kate Hutton, K6HTN and ARRL LAX NTS Manager; Diana Feinberg, AI6DF; and Gary Kaneshiro, KJ6HUJ.

Standing, left to right: Peter Landon, KE6JPM; Jim Stoker, AG6EF and ARRL LAX Section Emergency Coordinator; Rocco Lardiere, N6KN; Jim Krieger, WB6OFE; Mel Hughes, K6SY; and Cindy Matsuda, KJ6NWO. PHOTO: CHRIS STOREY, KA6WNK



**Above:** The SSB station at 4:30 am Sunday, looking north towards the L.A. Basin.

PHOTO: CHRIS STOREY, KA6WNK

**Left:** PVARC's CW station and tower trailer shown at 4:40 am Sunday heading to the west.

PHOTO: CHRIS STOREY, KA6WNK

## Unusual 2013 Field Day Scenes

For more photos of PVARC's 2013 Field Day please visit our website at:

<http://www.palosverdes.com/pvarc/PhotoGalleries/2013FieldDay/>

# Thanks to Everyone Who Made PVARC's 2013 Field Day Possible

## AMATEUR OPERATORS ON-SITE

### PVARC Members:

Blake Bartosh, KK6CZC  
 David Bloodgood, K6WN  
 Tony Bressickello, W6GEZ  
 Mike Caulfield, AF6VT  
 Herb Clarkson, KM6DD  
 Bob Closson, W6HIP  
 Dan Colburn, W6DC  
 Clay Davis, AB9A  
 Malin Dollinger, KJ6HUB  
 Herb Epp, W6RBW  
 Diana Feinberg, AI6DF  
 Joe Fierstein, KJ6IRE  
 John Freeman, WW6WW  
 Dale Hanks, N6NNW  
 Mel Hughes, K6SY  
 Jerry Kendrick, NG6R  
 Tony Kordich, KK6DYL  
 Peter Landon, KE6JPM  
 Rocco Lardiere, N6KN  
 Cindy Matsuda, KJ6NWO  
 Alan Soderberg, W8CU  
 Ted Spiegel, NX6C  
 Chris Storey, KA6WNK  
 Norm Thorn, K6UU  
 Curtis Watanabe, KI6KUK  
 Sid Wielin, KF6QFH  
 Norm Witt, WI6TT  
 Jeff Wolf, K6JW  
 Dan Yang, K6DPY

*(If your name isn't shown and you were at Field Day you didn't sign in.)*

### Visiting Operators:

Zvika Golan, KJ6LHL  
 Gary Kaneshiro, KJ6HUJ  
 Jim Krieger, WB6OFE

## EQUIPMENT PROVIDERS

### Antennas:

Dale Hanks, N6NNW  
 Mel Hughes, K6SY  
 Rocco Lardiere, N6KN  
 Chris Storey, KA6WNK  
 Curtis Watanabe, KI6KUK

### Generators:

Bob Closson, W6HIP  
 Dan Colburn, W6DC  
 Dale Hanks, N6NNW  
 Mel Hughes, K6SY  
 Walt Ordway, K1DFO  
 Norm Thorn, K6UU  
 Jeff Wolf, K6JW

### Tents, Canopies, and Furniture:

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

### Transceivers:

Clay Davis, AB9A  
 Diana Feinberg, AI6DF  
 Mel Hughes, K6SY  
 Rocco Lardiere, N6KN



## VISITORS

### Public Officials:

The Hon. Susan Brooks,  
 Mayor of the City of Rancho Palos Verdes;

Charles Cooper, Director--Los Angeles District,  
 Federal Communications Commission Bureau of  
 Enforcement

### ARRL:

David Greenhut, N6HE, LAX Section Manager  
 Kate Hutton, K6HTN, LAX NTS Manager  
 Jim Stoker, AG6EF, LAX Emergency Coordinator

## International Lighthouse and Lightship Weekend is August 17-18; PVARC's Family Picnic At Pt. Vicente Lighthouse



It doesn't get "cooler" than this on a warm August weekend. Join us for the PVARC's annual family picnic at the Pt. Vicente Lighthouse on Sunday, August 18, at Noon.

PVARC members may also operate on the HF bands from inside the Lighthouse beginning Friday afternoon, August 16, through Sunday afternoon, August 18. Radio equipment will be provided

PHOTO: DIANA FEINBERG, AI6DF

The PVARC will again operate an HF station inside the Pt. Vicente Lighthouse during this year's International Lighthouse and Lightship Weekend besides our annual family picnic on Sunday, August 18.

Our HF station goes on the air as K6PV beginning around 5:00 pm Friday, August 16, and operates through Sunday afternoon, August 18. We can operate overnight Friday and Saturday if there is sufficient interest.

Good news this year: PVARC members and their families may again climb the lighthouse's interior stairs to the top—but do not touch the rotating Fresnel lens. The PVARC's tower trailer will be used this year to hold our main antenna and hoist an 80/40 meter wire dipole antenna during night hours (a capability we lacked last year.) External corrosion prevents us from attaching wire antennas to the lighthouse top deck as in previous Lighthouse Weekends.

The U.S. Coast Guard Auxiliary will simultaneously operate its ham radio station from Pt. Vicente during Lighthouse Weekend using special event call sign K6A.

Our Sunday picnic starts serving at Noon. As always, our club provides all the grilled meats, condiments, utensils, water, and some other items. Members coming to the picnic are asked to bring a pot-luck dish or other item. We'll have a sign-up list at our July 17<sup>th</sup> club meeting if you have a preference to bring. As a reminder, no alcoholic beverages are allowed on the Coast Guard property.

We'll also need members to help with set-up from 11 am to Noon on Sunday, August 18, as well as several operators stationed at the Lighthouse gate for one-hour access-control shifts. (We already have a volunteer to staff the gate from 11 am to Noon—thanks, Demetrius AD6QU.) We'll be asking for volunteers at our next meeting and in our weekly club bulletins.

We greatly thank PVARC member Bob Closson, W6HIP, for again coordinating arrangements with the U.S. Coast Guard to enable our continued use of the Pt. Vicente Lighthouse grounds. ■

## Are you in PVAN? Contact PVAN-1 If You Haven't Updated Your PVAN Listing

By Denzel Dyer, KG6QWJ

As many **QRO** readers in Rancho Palos Verdes' PVAN radio group know, I have been updating the PVAN roster.

One problem is we are still missing some responses, perhaps because members thought "He knows I'm active." Please don't take anything for granted. I have to go by responses.

Shown below are the tactical numbers of PVAN members who have responded. Please look for your number, and if it isn't here and should be (or the reverse), check with me.

Denzel Dyer, PVAN-1  
[denzel.dyer@cox.net](mailto:denzel.dyer@cox.net)

The following PVAN tactical calls are now accounted for in the updated roster:

1	4	10	11	15	16	21	27	29	30	31	33	34
35	36	38	39	40	42	44	46	47	49	50	59	61
62	70	71	74	75	76	78	85	88	91	94	95	105
117	118	123	124	125	126	127	■					

### Are You an Amateur Radio Operator Living in RPV? Consider joining PVAN (Peninsula Volunteer Alert Network)

The City of Rancho Palos Verdes still has neighborhoods without PVAN amateur radio operator representation while areas with operators can still use more.

As a PVAN member, you'll be able to contact RPV City Hall from your neighborhood using amateur radio should there be a disaster when normal communications are disrupted. PVAN members are also a vital communication link from City Hall to neighborhoods, as well as serving CERT and Neighborhood Watch in their areas.

RPV's eastside has few operators currently due to lack of repeater coverage. But that will change very soon when PVAN's additional repeater atop San Pedro Hill comes on line. K6PV will continue to serve the north and central portions of RPV.

PVAN will be conducting a membership drive for more amateurs, especially on the eastside. But why wait? Join now by downloading a membership form from PVAN's website at:

[http://www.palosverdes.com/pvan/application\\_2.pdf](http://www.palosverdes.com/pvan/application_2.pdf). ■

# ARRL Urges Denial of Petition to Permit Encryption of Some Emergency Communications on Ham Bands

**From the ARRL, July 9, 2013**

The ARRL is calling on the FCC to deny a Petition for Rule Making (RM-11699) seeking to permit the encryption of certain amateur communications during emergency operations or related training exercises. Don Rolph, AB1PH, of E Walpole, MA, petitioned the Commission in March to suggest an additional exception to §97.113, which currently prohibits "messages encoded for the purpose of obscuring their meaning."

"While Mr. Rolph has concisely stated his argument, it is ARRL's considered view that there is no factual or legal basis for the assumption that encryption of transmissions...is necessary in order to continue and enhance the utility of Amateur Radio emergency and disaster relief communications," the League said in its comments filed today with the FCC. The ARRL also turned away Rolph's assertion that the current prohibition in §97.113 "has impacted the relationship of Amateur Radio volunteers and served agencies and significantly limited the effectiveness of amateurs in supporting emergency communications." The League said it's unaware of any evidence that served agencies have been reluctant to utilize Amateur Radio as part of their emergency or disaster relief communications plans because of the encryption restrictions in Part 97. The Amateur Service rule is based on a similar prohibition in international telecommunication law, the ARRL noted.

The League characterized as "erroneous" and "unfounded" Rolph's assumption that encryption of certain information may be required under the provisions of HIPAA - the Health Insurance Portability and Accountability Act. "This mistaken assumption leads to the conclusion that the inability of Amateur Radio operators to encrypt the content of their transmissions in order to obscure the meaning of the transmissions renders Amateur Radio less (and decreasingly) useful to served agencies than it would be if encryption of those transmissions was permitted," the ARRL said. The League also said it was unaware of any instance in which state statutes have been cited by any served agency or group as a reason not to employ Amateur Radio for emergency communication.

Radio amateurs, the ARRL countered, are not "covered entities" under HIPAA, which applies only to health care providers, health plans and health care clearinghouses. And, the League added, there is no expectation of privacy in Amateur Radio communications.

The ARRL said it's not possible to determine the validity of the claim "that health care agencies subject to HIPAA are or might be unwilling or reluctant to utilize Amateur Radio in emergency communications and disaster relief planning" because of any lack of privacy inherent in Amateur Radio. "Permitting encryption might remedy the concern as a practical matter, if the concern exists," the League continued, but "the complete dearth of even anecdotal evidence of the existence of that concern" makes it impossible to justify the proposed rule change on that basis.

"It is extremely important to insure that Amateur Radio remains useful to served disaster relief and emergency communications agencies, which include health care facilities," the League stressed. "It is just as important to insure that regulatory impediments to that volunteer work be minimized to the extent consistent with the nature of the Amateur Radio Service." Amateur Radio's utility to served agencies in supporting emergency communication, the ARRL continued, "is high indeed, and is at the present time unfettered by the inability to encrypt transmissions."

However, the ARRL said that should it become necessary in the future for radio amateurs to protect the privacy of individuals whose medical data may be transmitted by Amateur Radio during or after an emergency or disaster, "the Commission may be asked to revisit this matter."

"It is urgent that Amateur Radio continue to be an essential component of disaster and emergency communications planning," and that served agencies, including medical facilities, perceive the utility of Amateur Radio as unhindered by regulations that prohibit encryption, the League emphasized.

More than 200 comments were filed on RM-11699, most of them tending to support the ARRL's arguments. ■

## Rolling Hills Estates 10K/5K Might Need More Operators

Several more ham operators might be needed for this year's Rolling Hills Estates "Hills Are Alive" 10K/5K run on Saturday, 10 August. If you'd like to help with the radio communications for this event, please contact Walt Ordway, K1DFO, at [waltordway@juno.com](mailto:waltordway@juno.com)

This run starts and finishes at Ernie Howlett Park, just off Hawthorne Blvd. Unlike other 10K/5K events, this one is run mostly on horse trails in the City of Rolling Hills Estates and also goes through the South Coast Botanical Gardens. The 10K race starts at approximately 8:00 AM and the 5K at 8:10 AM. The entire event will be completed by around 9:30 AM. ■

## Wanted to Buy: Smaller Tower

WANTED: A small diameter/cross-section crank-up or tilt-over tower that can go to (only) 25-35' high, unguyed. Not big, not heavy duty. I have a small, lightweight beam and don't want something bigger. Email Ray N6HE at rayday \*at\* cox \*dot\* net – thanks! ■

## Check In to PVARC Tuesday Nets, Check Out the 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. Our net check-in list was recently updated to provide each net control operator with a consistent list. 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). ■

**Reminder:** There will not be a PVARC monthly meeting in August. Our annual family picnic at the Pt. Vicente Lighthouse on Sunday, August 18, replaces the regular meeting at Hesse Park.

◆ 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@arrrl.net](mailto:ai6df@arrrl.net)  
Webmaster: 310-541-6971, [jrfree@cox.net](mailto:jrfree@cox.net)

Email us: [k6pv@arrrl.net](mailto:k6pv@arrrl.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

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Front page photo—

*The Pt. Vicente Lighthouse beckons at dusk on a summer evening.* PHOTO: DIANA FEINBERG, AI6DF

## ARRL Southwestern Division Convention News Briefs

### 2013 Southwestern Division Convention Update

The Santa Barbara Amateur Radio Club has announced the 2013 ARRL Southwestern Division Convention to be held at the Santa Ynez Valley Marriott Convention Center in Buellton, on the weekend after Labor Day, September 6, 7, and 8—but that's all we know.

Additional information about the 2013 Convention is unavailable as this July issue of **QRO** was finalized. The PVARC weekly bulletin will advise when the upcoming convention has announced its website and program. However it is known room rates at the Santa Ynez Valley Marriott will be in the \$159-179 per night range (plus taxes). Three motels are also nearby.

As previously reported, the 2013 Southwestern Division Convention has been relocated from the Ventura County Fairgrounds in Ventura to Buellton in northern Santa Barbara County.

### 2014 Convention—San Diego

The 2014 ARRL Southwestern Division Convention will be held in San Diego at the Sheraton Four Points Hotel near Montgomery Field airport, Sept. 12-14, 2014.

### 2015 Convention—Los Angeles area

The PVARC and other Los Angeles/Orange County amateur clubs are currently negotiating the hotel contract to host the 2015 ARRL Southwestern Division Convention in Torrance. Our club has agreed to staff the 2015 convention's Information Desk, much as we did for the 2011 convention. ■

## Turn Your Smart Phone Into A Signal Generator

PVARC member Steve Barryte, KI6GUY, brought to our attention a fascinating article from Electronic Design Network about apps that easily enable your smart phone (and perhaps tablet computer) to inexpensively function as a signal generator. What a great alternative to sizable (and costly) equipment!

Be sure to check this article at:

<http://www.edn.com/electronics-blogs/embedded-basics/4416138/Turn-a-Smart-Phone-into-a-Signal-Generator> ■

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

**Norm Thorn, K6UU**

**Denise Thorn, KF6VTN**

**Kees Steeneken, KJ6YUT**

**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**

## 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.

Many newer members may need assistance with programming radios (HT or mobile) or antennas. Hams who are new to the HF bands might want assistance with operating various aspects, such as digital modes or CW.

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:** \_\_\_\_\_



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 700,000 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 20 July & 27 July 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 3 August 2013

The Palos Verdes Amateur Radio Club will make a brief presentation at 9:30 AM at the start of the 20 July 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)

(Fine Print Department: The following event is not sponsored by the PVARC. This ad is shown solely for the convenience of our members and does not imply any endorsement or assumption of liability by the Palos Verdes Amateur Radio Club).

*My Pin Money Travel, LLC Announces  
It's Second Amateur Radio Cruise*  
**MPMT'S HAM RADIO CRUISE 3**  
**On the Carnival Magic January 19, 2014 for 7 Days**

**The perfect gift for the "hard to buy for" person.  
Great vacation with family and friends**

Planned activities onboard include seminars conducted during days at sea, working Maritime Mobile on two ship installed HF stations with DX for all licensed amateurs and all the fun of a Carnival Cruise! Special arrangements have been made with Carnival Cruise Lines for two HF operating stations and antennas.

Cruise from Galveston, Tx. To Belize, plus  
Rotan and Cozumel returning to Galveston.



**Only 48 cabins reserved. Book quickly - don't miss the great prices & extras!\***  
All prices are double occupancy and include government taxes and fees from:\*\*

Deposit of \$250 per person due at booking in order to assign your stateroom.

TRAVEL INSURANCE IS OPTIONAL, BUT HIGHLY RECOMMENDED.

It can be purchased when you book your stateroom and is generally around \$100 per person.

Cruise through Debbie Rumfield, N5DSR with My Pin Money Travel, LLC (MPMT) who can be reached at [mypinmoneytravel@yahoo.com](mailto:mypinmoneytravel@yahoo.com) or by telephone at 832-656-0731.

This event is organized by Lance Rumfield, WD5X, in an effort to offer amateurs the ability to enjoy the rare opportunity of operating at sea while participating in a terrific vacation.

\*Each stateroom will also receive amenities (\$25 on-board credit, bottle of wine and, 2 tote bags) for participating in this group event. Shore excursions are also available for purchase.

\*\*Carnival reserves the right to add a fuel surcharge of \$9 per person per day if oil goes to \$70/barrel

**NOTE: U.S. Customs recommend all cruise passengers  
possess a valid U.S. passport in order to board the ship!!!!!!**

## 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 just after dusk. The photo at bottom right shows a typical HT radio battery.

Page 2: The photos at the bottom have the caption: "It's What I Do: As the lead defense attorney in a Florida murder case describes what he does for a living, AI6DF does the news "screen crawler" in Morse code from her Stressless® Recliner chair. Keeping up with the crawler can be challenging. PHOTOS: (LEFT) SCREEN SHOT, CABLE NEWS NETWORK, JULY 13, 2013; (RIGHT) AI6DF SELF-PORTRAIT"

Page 3: Tables on the left side show our Field Day point totals in 2013 and prior years.

Page 4: The photo at the top shows the overall soccer field for our Field Day site and has the caption, "Despite the best intentions, the soccer field sprinklers came on during Field Day's overnight hours at Ridgecrest Intermediate School. The sprinkler system's main valve appeared to have been closed near our CW tent (being set up by Sid Wielin, KF6QFH, center-left in photo at 7:30am Saturday). But water still sprayed everywhere. All our generators were safely kept on hard surfaces well-away from grass and brush areas. PHOTO: DIANA FEINBERG, AI6DF

Band conditions weren't the best this year and our QSO count on CW (see table below) was hampered by broadband interference from our SSB station. That resulted in CW operation on sub-optimal bands at times. "

Page 5: The photo at the top has the caption, "Left: 7:45am Saturday, (L-R) Jerry Kendrick, NG6R; Blake Bartosh, KK6CZC; and Rocco Lardiere, N6KN, begin assembling Rocco's Yagi beam on Ridgecrest's soccer field for our CW station. Sid Wielin, KF6QFH, loaned the tent and is inside finishing its assembly. PHOTO: DIANA FEINBERG, AI6DF ". The photo at left center has the caption, "Above: The assembled CW antenna atop PVARC's tower trailer. PHOTO: CHRIS STOREY, KA6WNK ". The photo at right center has the caption, "Above: Bob Closson, W6HIP, and Peter Landon, KE6JPM, prepare to raise the American flag on SSB antenna mast. PHOTO: CHRIS STOREY, KA6WNK". The photo at bottom left has the caption, "Left: Tony Kordich, KK6DYL, and Mel Hughes, K6SY, position Mel's VHF/UHF log periodic antenna on its mast. PHOTO: JOHN FREEMAN, WW6WW".

Page 6: The 2013 Field Day logo is shown at top left. The photo at top right has the caption, "Above: Chris Storey, KA6WNK, made a satellite contact from Ridgecrest but the exchange got squashed by higher-power stations that barged in. We could not count the contact in our point totals. PHOTO: BOB CLOSSON, W6HIP". The photo at center left has the caption, "Left: Jeff Wolf, K6JW, working CW on Saturday with the K6JW paddle handles he designed for Vibroplex Iambic keys. PHOTO: CHRIS STOREY, KA6WNK ." The two photos at the bottom have the caption: "Former and current Mayors of Rancho Palos Verdes operating on Saturday afternoon. **Below left:** Mel Hughes, K6SY, RPV Mayor in 1990, operating PVARC's VHF/UHF station. PHOTO: BOB CLOSSON, W6HIP. **Below right:** RPV's current Mayor Susan Brooks (also Mayor in 1993) takes the mike at the GOTA station on 40-meter SSB, contacting W6BA near Twentynine Palms, with Diana Feinberg, AI6DF, as control operator. PHOTO: MALIN DOLLINGER, KJ6HUB ".

## 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 7: The photo at top right has the caption, "Right: PVARC's "Men in Blue" (or PVARC's version of "Blue Man Group"?) Malin Dollinger KJ6HUB; Clay Davis, AB9A; and Bob Closson, W6HIP, at the SSB station on Saturday. PHOTO: JOHN FREEMAN, WW6WW". The photo at left center has the caption, "Below: Cindy Matsuda, KJ6NWO, and Gary Kaneshiro, KJ6HUJ, operating the VHF/UHF station in the school's parking lot. PHOTO: JOHN FREEMAN, WW6WW". The photo at right center has the caption, "Above: Tony Bressickello, W6GEZ, and Chris Storey, KA6WNK, operating 20-meter SSB on Saturday afternoon. PHOTO: BOB CLOSSON, W6HIP". The photo at the bottom has the caption, "Left: Rocco Lardiere, N6KN, uses one hand on the keyboard and the other on his Begali key to work four CW contacts per minute on 20-meters Sunday morning near Field Day's end. PHOTO: DIANA FEINBERG, AI6DF".

Page 8: The top photo has the caption, "Left: Group photo of almost everyone on our Field Day site at 5:30 pm Saturday. Front row, left to right: David Greenhut, N6HD and ARRL LAX Section Manager; Tony Bressickello, W6GEZ; Dr. Kate Hutton, K6HTN and ARRL LAX NTS Manager; Diana Feinberg, AI6DF; and Gary Kaneshiro, KJ6HUJ. Standing, left to right: Peter Landon, KE6JPM; Jim Stoker, AG6EF and ARRL LAX Section Emergency Coordinator; Rocco Lardiere, N6KN; Jim Krieger, WB6OFE; Mel Hughes, K6SY; and Cindy Matsuda, KJ6NWO. PHOTO: CHRIS STOREY, KA6WNK". The two photos on the bottom half of the page have the captions, "Above: The SSB station at 4:30 am Sunday, looking north towards the L.A. Basin. PHOTO: CHRIS STOREY, KA6WNK. **Left:** PVARC's CW station and tower trailer shown at 4:40 am Sunday heading to the west. PHOTO: CHRIS STOREY, KA6WNK".

Page 9: This page contains a list of everyone who participated in the PVARC's 2013 Field Day, with the ARRL Field Day logo shadowed in the center.

Page 10: The photo on the left half of the page has the caption, "It doesn't get "cooler" than this on a warm August weekend. Join us for the PVARC's annual family picnic at the Pt. Vicente Lighthouse on Sunday, August 18, at Noon. PVARC members may also operate on the HF bands from inside the Lighthouse beginning Friday afternoon, August 16, through Sunday afternoon, August 18. Radio equipment will be provided. PHOTO: DIANA FEINBERG, AI6DF".

Page 12: The article about the ARRL's position on encryption of amateur radio signals has the ARRL logo superimposed in the background.

Page 14: The text box at upper right lists the PVARC's new members in 2013.

Page 15: The entire page shows the club's calendar of activities for 2013.

Page 16: The entire page is the club's membership application form.

Page 17: The entire page is the announcement for Walt Ordway's next ham radio license classes.

Page 18: The entire page is an advertisement for a ham radio cruise in the Caribbean early in 2014.