



QRO

THE MONTHLY NEWSLETTER OF THE PALOS VERDES AMATEUR RADIO CLUB

July 2011

Show and Tell: What's In Your Shack?

At our next club meeting on Wednesday, July 20, we're asking PVARC members to be the presenters—briefly showing us their ham shacks, homebrew projects, or any other ham radio aspect they are proud to share.

It doesn't matter whether you are an experienced or relatively-new ham; an engineer or not; whether your ham shack is big or small--We respect you all.

It's also interesting seeing how hams can be resourceful in making do with what they already own, creating new or low-cost solutions when needed, and re-using equipment from others.

Moreover, every ham seems to build at least several ham shacks before achieving their ultimate setup. We are all at different points along this great journey in life!

We hope you enjoy and are inspired by your fellow club members' short presentations.

When: July 20 (Wednesday)

Place: Hesse Park , 29301 Hawthorne, RPV

Time: 7:30 pm



Not signed up and have something you'd like to present regarding your ham shack?

Contact Bob Sylvest, ab6sy@me.com

Our Field Day Was a Pretty Good Day—Mr. Murphy and His Team Notwithstanding

By Jeff Wolf, K6JW
PVARC President

And so has come to pass that another Field Day is written into the books. In August, I'll have all the details about how we did, but suffice it to say that we did well enough and had a lot of fun doing it.

Ridgecrest Intermediate School turned out to be an electrically-quiet and wonderful site with terrific exposure in just about all directions. Still, Murphy was ever present.

In the dead of night, as has been a problem more than once at the high school in the past, the sprinklers came on. Fortunately, the tents were sealed and the equipment survived, and thanks to NZ6L's intelligence and night vision, he was able to find and close the shutoff valves, although sprinklers near the SSB tent were on for about three hours. Still, the field and our tents got pretty soaked. It seems that no amount of speaking with the PVPUSD and/or school custodians is able to assure us of a dry time. Well, there's always next year.

A preliminary tallying of the participants tells us that we had 27 PVARC members as participants or attendees this year about, on par with last year. Unfortunately, several whose names appeared on the roster in the SSB tent did not indicate their ARRL affiliation status, so we don't have an accurate tally of how many operators were active members of the League.

As per the names on the rosters (and everyone else I can remember), these were the fortunate few who visited and/or participated in the PVARC's FD effort:

Rocco, N6KN; Joe, NZ6L; Steve, KO6ZC;
Diana, AI6DF; Bill, WB6SIK; Dan, W6DC;
Homer, K6HKT; Bob, W6HIP; Cynthia, KJ6GPG;

Mel, K6SY; Doris, K6KSY; Chuck, K6CTM;
Clay, AB9A; Dennis, KJ6PLM; Curtis, AE6CJ;
Sid, KF6QFH; Fran, KF6QFG; Dale, N6NNW;
Peter, KE6JPM; Paige, KI6MAH; Walt, K1DFO;
Matt, N6MDC; Matt, WA6AJC; John,
WW6WW; Malin, KJ6HUB; Ed, W6PNZ; and
yours truly, K6JW.

And, of course, a very special thanks to those of you among us who volunteered equipment and supplies since, without your generosity, there would have been no FD for our club.

If I've missed anyone, it's very likely because you didn't sign the roster. Next year you'll know better!

In my August column, I'll break out the QSO and bonus scores so you can see precisely where we made our points. And remember to watch for the December issue of QST, when we'll learn how we did compared to all of the other 2A stations locally, statewide, and nationally.

I won't be able to attend the July club meeting because I'll be away on vacation, so I've sent along a couple of shack photos.

As shown on the next page, one is of my infamous bathroom linen closet shack from the late 1970's and early to mid-80s. Those of you who attended our holiday dinner last December heard all about *that* one! The second is a shot of my present shack. I was first licensed back in 1958, and my shack has come a long way since then.

Article continued on next page ►

Our President Speaks

► *Continued from previous page*

Incidentally, word from Ray, N6HE is that our RTTY results from the February Catalina IOTA trip when we operated in the North American RTTY QSO Party were quite impressive.

With a total of 338 QSOs to our credit, Ray comments: "We didn't turn in a log, but if we had, we'd have scored in the top 1/3 of ops in CA, and had we been in other call-sign areas, even higher.....and we didn't operate all the time allowed and had newbies at the radio a lot of the time, too! Not bad, eh?" Right, Ray! Not bad at all!

Have fun at the July meeting, and I'll see you all at the August picnic and Lighthouse Weekend.

73,
Jeff, K6JW ■



K6JW's infamous late-1970's bathroom linen closet ham shack (*shown above*) and his 2011 shack (*below*). Can you identify the piece of equipment that is common to both of these shacks? (Answer on page 9)
PHOTOS: JEFF WOLF, K6JW



Monthly Program Notes from Our Vice President

**By Bob Sylvest, AB6SY
PVARC Vice President**

Before moving to July, just a comment about our June meeting featuring "The Last BIG Field Day".

Several of you took the time to say thanks for showing this video. Interestingly, on the same DVD is a movie of the 1971 Palisades ARC field day. It is shot in Super-8, which was the technology of the time, but it's an interesting video as well. We'll have to show it some time.

In any event, if you were able to take part in Field Day this year, I'm sure you carry good memories with you. We'll hear a bit about our own Field Day from a few of the participants during the meeting.

As to the main program of our July meeting, I'm reminded that the history of amateur radio is full of personal ingenuity and perseverance on the part of hams trying to perfect their stations or to expand their capabilities. Our club members are no different, and there is among us a wealth of experience to learn from.

This month's program will be led entirely by individuals that make up the PVARC, each of whom will share some aspects of their stations or amateur radio experiences. It might be a look at the shack, or maybe details about a homebrew project, or a view of a wall full of QSL cards, or maybe a tower maintenance project, possibly a story or two, who knows. Some may show; some may tell; some may do both.

The presentations will be as varied as the individuals giving them. The only thing they will have in common is their link to ham radio. Almost anything goes. One thing for sure: it will be a showcase of the many and diverse paths one can follow in the hobby.

And if it looks as though we'll run longer than the allotted time, we'll carry over to another meeting. EVERYBODY has something he or she could share, no?

If you didn't sign up for a slot but would like to be part of the program, please email me at: ab6sy@me.com and let me know.

And here to get you ready are pictures of a few homebrew projects from hams who aren't members of PVARC: can you guess what these objects are? Answers on page 9. ■

What is this?

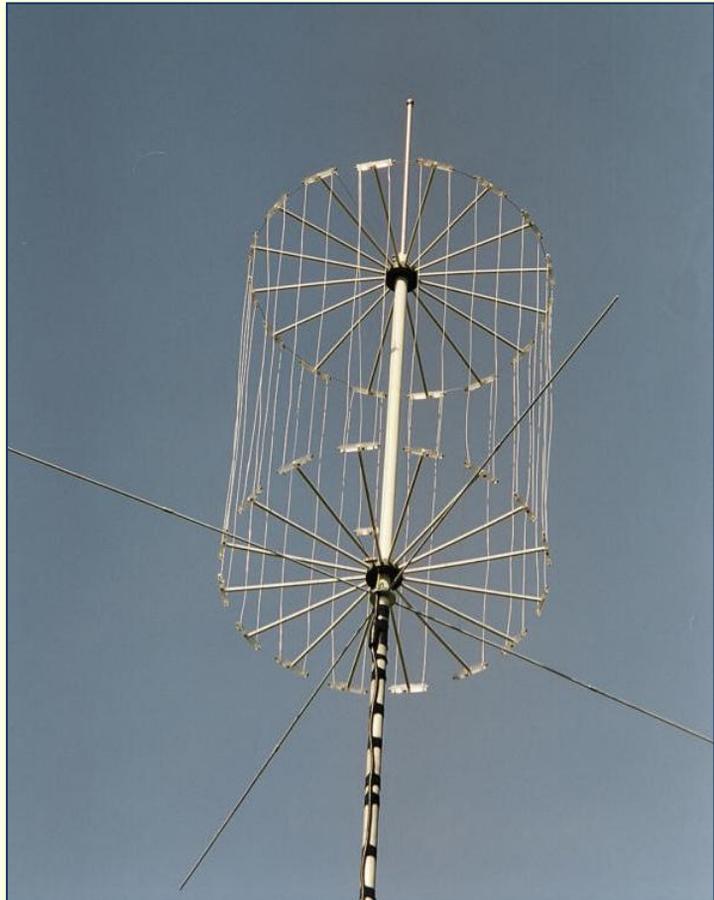


PHOTO: ANDREW PFEIFFER, K1KLO

More homebrew examples on next page ►

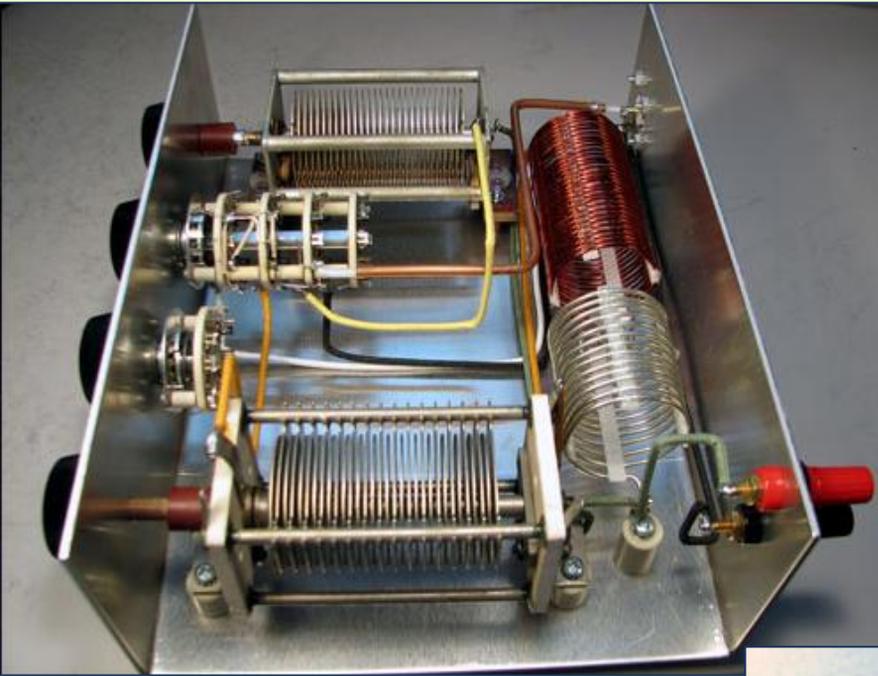


PHOTO: TOM NICKEL, KC9KEP

PHOTO: KENNETH KEMSKI, K4EAA

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What Are These?

Try identifying what these homebrew projects do for a living (answers on page 9).

We thank the respective hams for their project photographs.

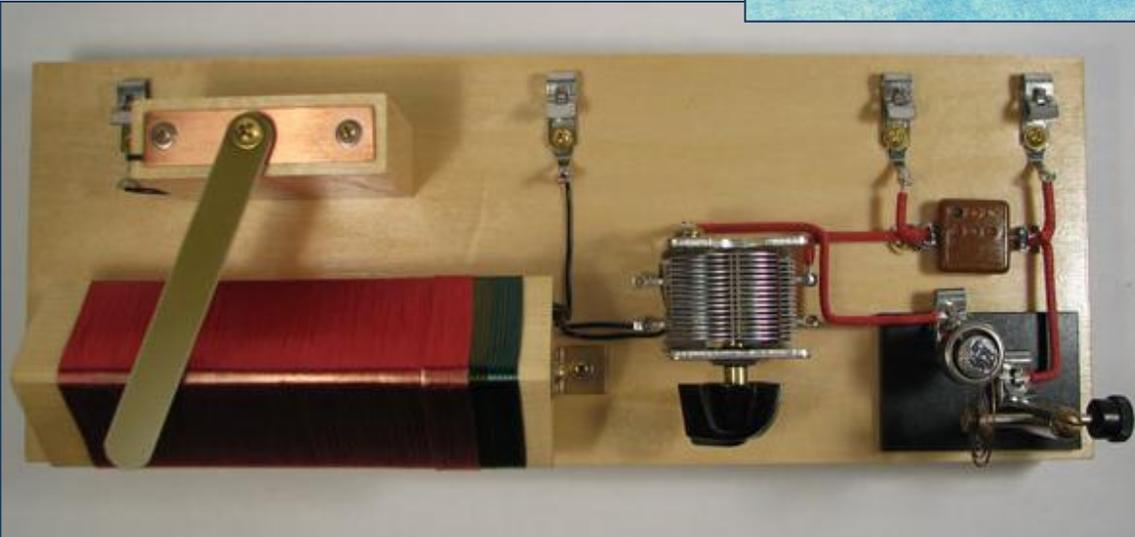


PHOTO: TOM NICKEL, KC9KEP

A Free Noteworthy Reference for Hams



“Everything You Ever Wanted to Know About Decibels...But Were Afraid to Ask”

This fascinating single-topic publication is entirely about decibels, with a downloadable set of desktop calculators, courtesy of high-end German test equipment firm Rohde & Schwarz®. An excellent technical writer there took the time to produce a comprehensive, but very clear, PDF document that merits my QRO Editor’s Choice as a free noteworthy reference for hams. Decibels figure prominently in many aspects of amateur radio, but how to calculate or convert dBs in all their applications has been a mystery to many of us without engineering degrees.

Hams are unlikely to personally own Rohde & Schwarz equipment. As the early 20th-century financier J.P. Morgan once remarked, “If you have to ask how much it costs, you can’t afford it.” J.P. was right. I asked how much Rohde & Schwarz’ spectrum analyzers cost and learned they were as much as a new car: from about \$9,000 to \$35,000, with most models well over \$20,000. R&S’ high-accuracy products are clearly for commercial broadcasters, cell phone companies, radio repair shops, R&D labs, government agencies, and the like.

But thank you to Rohde & Schwarz for making this excellent reference material so freely available.

--Diana Feinberg, AI6DF

► **Right:** Table of Contents from Rohde & Schwarz Application Note 1MA98 (2005)

“dB or not dB: Everything you ever wanted to know about decibels but were afraid to ask”

Download the complete document free of charge as a PDF at:
http://www.rohde-schwarz.us/file/1MA98_4E.pdf

To easily facilitate calculations involving decibels, Rohde & Schwartz has since made a clever software application available free of charge. (See next page)

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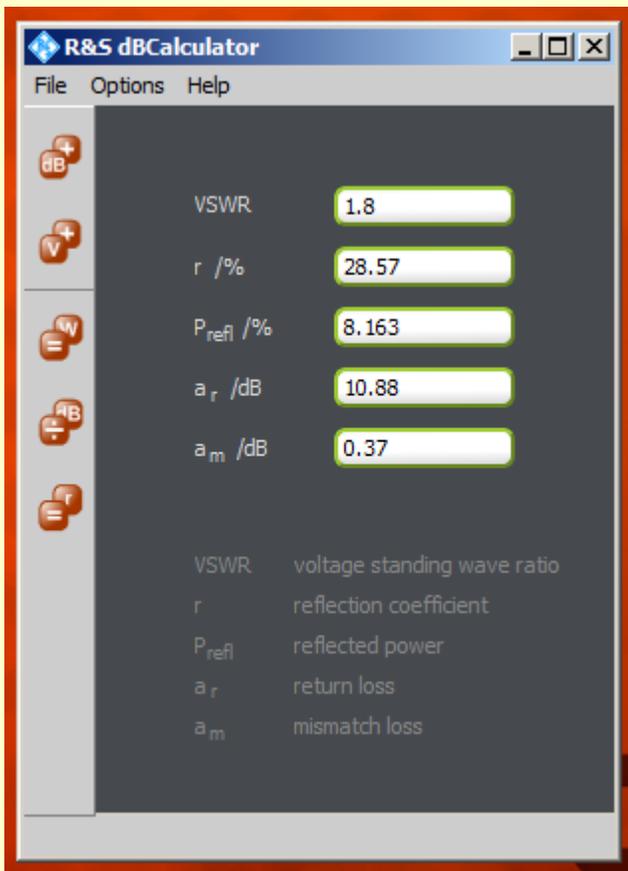
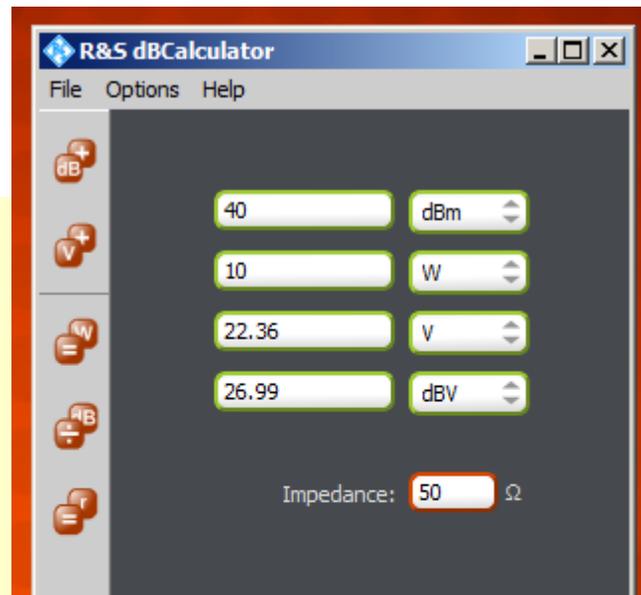
It's Clearly About the Decibel...

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With Rohde & Schwarz' free downloadable dB Calculator application on your desktop, you can easily convert decibels to watts or volts (and vice versa); compute dB differences between power or voltage differences, or see VSWR-related values expressed in dB. Just enter the value you have and the others are computed for you. Very clever.

Download the Rohde & Schwarz dB Calculator at:
http://www.rohde-schwarz.us/file/dBCalculator_V2.0.exe

A PDF with the documentation for R&S' dB Calculator is at:
http://www.rohde-schwarz.us/file/1GP77_1E.pdf



Editor's Note: This article is part of an occasional QRO series recognizing noteworthy free reference information available to amateur operators. Some club members might already be familiar with these references, but I believe many of our members aren't. As someone who came to ham radio later in life, I have greatly appreciated these reference sources that increased my radio-related knowledge at no cost. Some references, while free to download or use, were intended to help promote a product line—but I'm still thankful for the useful information.

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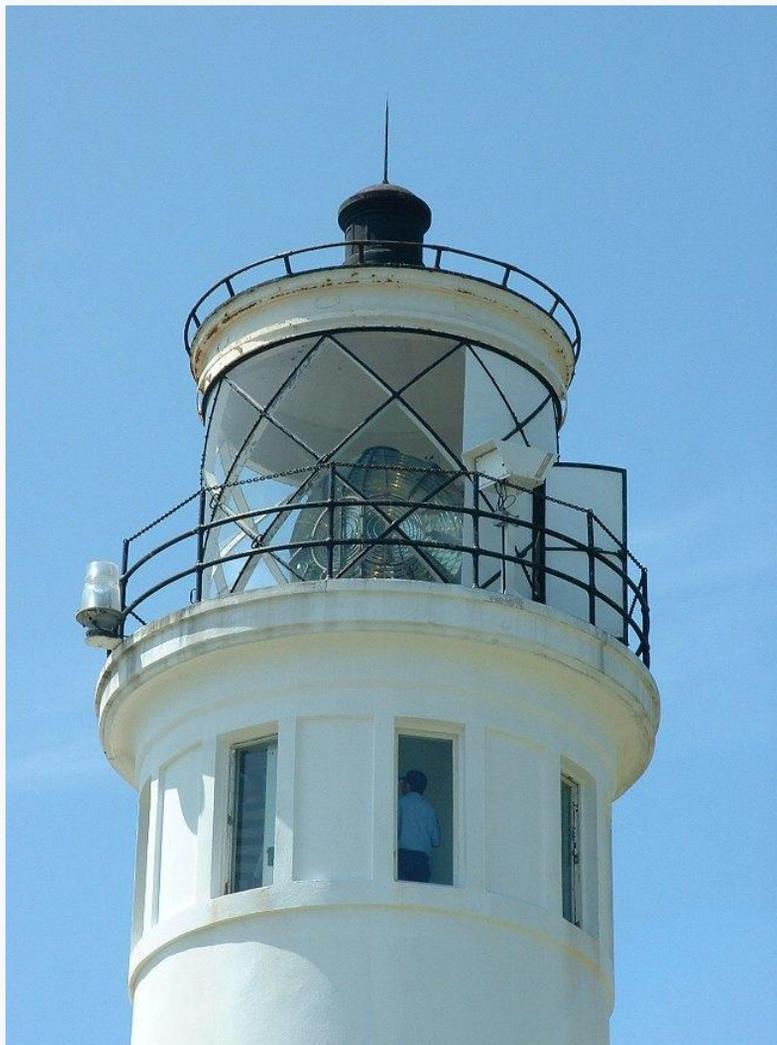
International Lighthouse and Lightship Weekend is August 19-21

The PVARC always looks forward to International Lighthouse and Lightship Weekend on the third weekend of August. Thanks to Bob Closson, W6HIP, PVARC is again cleared to operate from the U.S. Coast Guard's Pt. Vicente Lighthouse during ILLW on August 19-21—and also enjoy our famous club picnic on the lighthouse grounds.

We still do not know if the U.S. Coast Guard Auxiliary's amateur radio group or Gordon West will be joining us this year. But we expect better propagation conditions and a good HF radio we've lined up to provide interesting DX opportunities on phone (single side band). All club members are welcome at the mike, although Technician class and non-licensed individuals will need a control operator with HF operating privileges present.

Our annual picnic exclusively for PVARC members and their families/guests will be Sunday, August 21, from noon to about 3 p.m.. Our Past President, Joe Pace (NZ6L), will again preside over food operations and we always strive for having plenty of food, including side dishes.

Mark your calendars for this once-a-year event. The weather might be blazing hot in the L.A. basin that day, but it's always pleasant at Pt. Vicente. ■



The Pt. Vicente Lighthouse will be open for PVARC members and their families during Lighthouse Weekend.
PHOTO: BRIAN TILLEY, KA6UHM

We're Using Single Side Band and Multiple Side Dishes

Our August 21st club picnic is free for all PVARC members and their families or guests. We'll provide all the grilled chicken, burgers, and hot dogs along with condiments, beverages, utensils, and grilling. Whether you operate SSB or not, we do ask each family to kindly bring a side dish or side dessert for our buffet tables.

There will be a sign-up list for these side items at our next meeting on July 20th or you may notify Bob Sylvest, AB6SY, by email at: ab6sy@me.com ■

**WELCOME NEW MEMBERS OF THE
PALOS VERDES AMATEUR RADIO CLUB
IN 2011**

Jerry Shaw, KI6RRD

Barbara Shaw, KI6STY

Jeremy Shaw, KI6SUA

Malin Dollinger, KJ6HUB

Stephen Barlock, KC6EID

Sheldon Lawrence, KI6ATA

Dennis Bales, KJ6PLM

Robert Grotz, KJ6OQU

Eric Siess, W6EWS

**Answers to radio equipment questions
appearing in this QRO issue**

- **Page 3:** The common piece of equipment in K6JW's past and present shacks is....a linear amplifier he built, the Heathkit SB-200. It's the unit with a blue-green faceplate and three large knobs.
- **Page 4:** Obviously an antenna—but (surprise) it is a linear-loaded 80-6 meter "birdcage" antenna, not a VHF/UHF radiator.
- **Page 5 top:** An antenna tuner.
- **Page 5 center right:** A dummy load. It's made from 20 1KΩ 3-watt resistors and one paint can lid.
- **Page 5 bottom:** A crystal radio.

Stuff Happens: My Unique Field Day 2011

By Diana Feinberg, AI6DF

After writing in last month's QRO that "Anything can happen and usually does" at Field Day it happened to me.

This year I had the "unique" Field Day experience of operating solo overnight on 20 and 40 meters in PVARC's SSB tent as it was blasted by rotating lawn sprinklers on two sides for three hours straight. Our antenna coaxial cables and waterproof AC power cord were drenched but our generators fortunately stayed dry outside the spray zone.

What else made this water-blasting experience "unique"? As best I can tell from weather reports, PVARC probably had the only Field Day site in California with "precipitation" during this year's 24-hour FD cycle. More specifically, our SSB tent experienced very heavy precipitation.

I took over from Joe Pace, NZ6L, at around 11 pm Saturday and 20 minutes later sprinklers went ballistic in the SSB section of the soccer field. They sprayed well past a usual 10 to 15 minute cycle, then over an hour. The sprinkler system obviously had malfunctioned after both PVARC tents endured a normal sprinkler cycle earlier that night.

Thankfully at 2:30 am Sunday NZ6L was able to stop Field Day 2011 from becoming a Field Day 911 call. Joe located the correct sprinkler controller valve and manually shut it after considerable trial and error in the darkness.

PVARC remained on the air during the deluge, although SSB listening and speaking were difficult when water pounded the tent. Peter Landon, KE6JPM, loaned a brand-new tent with excellent waterproofing, but he had to thoroughly sun-dry it when Field Day ended.

Yes, stuff happens. As the late CBS newsman and amateur operator Walter Cronkite, KB2GSD (SK), would have signed-off, "And that's the way it was, Sunday, June 26, 2011. Good night." ■



Top Left: Bob Closson, W6HIP, and Clay Davis, AB9A, working 20-meter SSB.

PHOTO: JEFF WOLF, K6JW

...Just A Few of PVARC's Field Day 2011 Photos

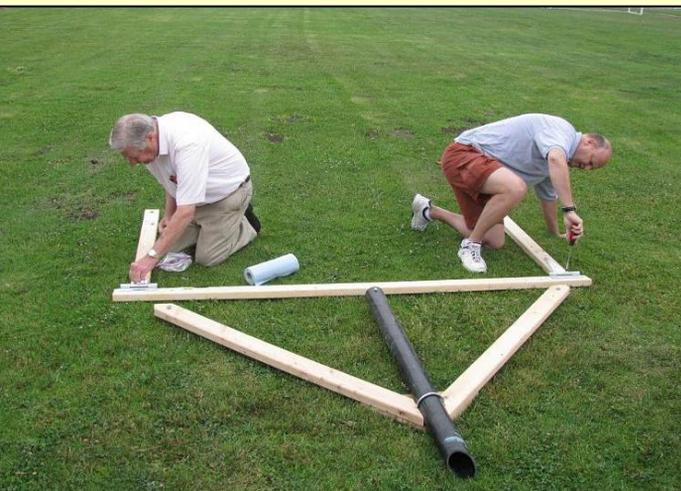
Please see the complete gallery of Field Day 2011 photos on our website at:

<http://www.palosverdes.com/pvarc/PhotoGalleries/2011FieldDay/index.html>

Center Left: Dale Hanks, N6NNW, and Peter Landon, KE6JPM, assemble a support base Dale designed to facilitate raising his beam antenna at our SSB station.

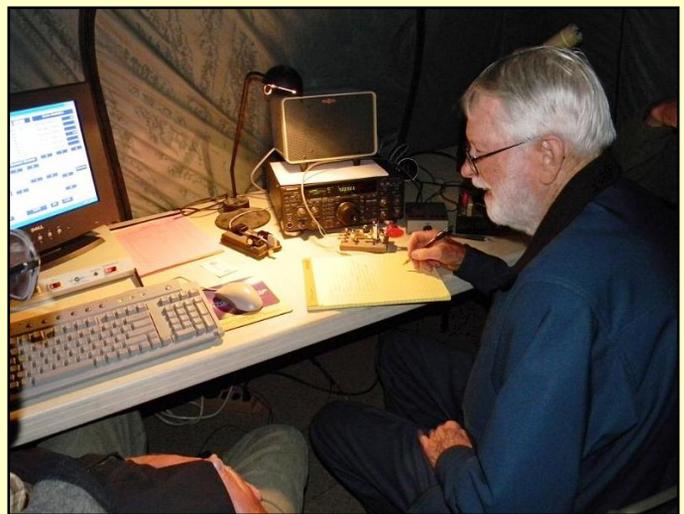
Center Right: Sid Wielin, KF6QFH, and Mel Hughes, K6SY, operating the VHF station.

BOTH PHOTOS: BOB CLOSSON, W6HIP



Bottom Left: Rocco Lardiere, N6KN, and Jeff Wolf, K6JW, in the CW tent.

PHOTO: JOHN FREEMAN, WW6WW



Bottom Right: Homer Meek, K6HKT, working the CW evening shift with Bill Pohlmann, WB6SIK (left), and Dan Colburn, W6DC (behind Homer).

PHOTO: DIANA FEINBERG, AI6DF

PVARC Will Be at the ARRL Southwest Division Convention during Sept. 9-11; Raffle Prize Pools Recently Announced

Major Raffle Prizes For HAMCON 2011 Attendees

- Elecraft K3 HF+6M transceiver
- Kenwood TS-590 HF+6M transceiver
- Yaesu VX-8DR HT enhanced transceiver with APRS/GPS
- Seven-night stay at 8050 Private Residence Club, Mammoth Mountain, CA
- Comet CAA-500 1.8-500 MHz SWR/Impedance Analyzer
- (For Pre-registrants before August 31st.) SteppIR 2-element 20-6 meter Yagi, or \$1,200 credit toward any SteppIR product.

We hope to see many PVARC members at HAMCON 2011, the ARRL Southwest Division's Convention, held this year at the Torrance Marriott Hotel during September 9-11.

The HAMCON committee recently announced an almost-final list of speakers for the numerous technical talks. Among them is our own Walt Ordway, K1DFO, who has been asked to present the "County Hunting" talk he gave at PVARC's April 2011 monthly meeting. You can see the entire speaker list at: <http://www.hamconinc.org/tech-Talks.html>

HAMCON has also announced great raffle prizes for this year's ARRL SW Convention, divided into "Major Prizes" and numerous "Hourly Prizes" (see list of "Major Prizes" at left.)

The PVARC is responsible for manning HAMCON's Information Desk in the lobby area during the convention's operating hours. We'll be answering HAMCON attendees' questions about the convention, nearby restaurants, and other services. Sign-ups for staffing the Information Desk will begin at our July 20th monthly meeting. We hope you can represent the PVARC at HAMCON 2011. ■



Please help PVARC
operate the HAMCON Information Desk

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PALOS VERDES AMATEUR RADIO CLUB 2011 SCHEDULE OF EVENTS



03 JAN 2011

Weekly Club Nets:

All members and guests are invited to check-in to our Club net every Tuesday at 7:30 pm on the K6PV repeater, 447.120 MHz (-), PL 100.0.

Monthly No-Host Dinners:

Prior to each month's General Meeting, join club members (and often our speaker) at 5:30 pm for a No-Host dinner at the Red Onion Restaurant, 736 Silver Spur Road, Rolling Hills Estates.

- July 20st – General Meeting
- August 13th – RHE 5K/10K Run/5K Walk
- August 19st-21nd – Lighthouse Weekend
- August 21nd – Summer Picnic at Pt. Vicente
- September 5th – Conquer the Bridge Run
- September 9th-11th – HAMCON 2011
- September 18th – Concours d'Elegance
- September 21th – General Meeting
- September 24th – RAT Beach Bike Tour
- October 19th – General Meeting
- November 16th – General Meeting
- December 14nd – Holiday Dinner, Ports O'Call Restaurant, San Pedro

Check-In to PVARC's Nets on K6PV

All members are encourage to check in during PVARC's nets every Tuesday from 7:30-8:00 pm on the K6PV repeater.

Let a club officer know if you are interested in serving as a guest net control on the first Tuesday of any month. There's no obligation to serve again as net control, but it's an interesting experience. ■

Congrats on License Upgrades

Congratulations go to club members Malin Dollinger, KJ6HUB, and Cynthia Gonyea, KJ6GPG, for recently upgrading their amateur licenses. Malin upgraded to Amateur Extra class in late May and Cynthia upgraded to General class in late June. ■

New VE Question Pool for General Class Exams Became Effective July 1

A new 456-question pool for General class license exams took effect July 1. While many of the new questions were retained from the 2007-2011 pool, it's wise to study with an updated book or class. The new General class question pool is to be used through June 30, 2015.

Walt Ordway, K1DFO, will teach his next Technician and General license classes at Hesse Park on September 24 and October 1. ■

PVARC Treasurer's Report, 07-06-2011

PVARC General Fund	\$2,370.37
John Alexander Fund	\$997.00
Repeater Fund	\$1,251.86
Total Bank Balance	\$4,619.23

2011 Membership to-date	139
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Palos Verdes Amateur Radio Club

An American Radio Relay League Affiliated-Club

Board of Directors:

President	Jeff Wolf, K6JW
Vice President	Bob Sylvest, AB6SY
Treasurer	Diana Feinberg, AI6DF
Secretary	Chuck McCown, K6CTM
Past President	Joe Pace, NZ6L
Directors:	Clay Davis, AB9A Mel Hughes, K6SY

Appointed Offices:

Interim QRO Editor	Diana Feinberg, AI6DF
Asst. to Editor	Paige Omoto, KI6MAH
Webmaster	John Freeman, WW6WW
Club Librarian	Bryant Winchell, W2RGG
VE Coordinator	Dave Scholler, KG6BPH
VE Liaison	Diana Feinberg, AI6DF
LAACARC Rep	Joe Pace, NZ6L
Yahoo PVARC Group Moderator	Daniel Yang, K6DPY

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Email us: k6pv@arrrl.net

Website: 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.

Club Repeaters (Open):

K6PV, 447.120 MHz (-), PL 100.0, CTCSS
PV-West, 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 of Pt. Vicente Lighthouse at night by: Diana Feinberg, AI6DF



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

**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: _____

Member of: (DCS, ARES, PVAN, NART) _____ District _____ Unit ID # _____

Additional Household and/or Family Members (if Applicable):

Name _____ Call _____ Class _____ ARRL _____ Birth Mo./Day: _____

Name _____ Call _____ Class _____ ARRL _____ Birth Mo./Day: _____

Name _____ Call _____ Class _____ ARRL _____ Birth Mo./Day: _____

Individual membership (\$15.00) \$ _____

Household and/or Family membership (\$17.00) \$ _____

Donation to the John Alexander Fund \$ _____

Donation to the Repeater Fund \$ _____

Other Donation to PVARC \$ _____

Cash: _____ or Check #: _____ Date _____ TOTAL \$ _____

Please make checks payable to: Palos Verdes Amateur Radio Club; Dues based on January 1st to December 31st year.
 All New and Renewal Member applications must be signed below.

Using amateur radio equipment improperly or ignoring safety practices can lead to injury or other harm. Don't try to perform amateur radio operations you might learn through PVARC or elsewhere unless you are certain they are safe for you. If something doesn't feel right, either: 1) do not do it; 2) look for another approach; or 3) ask for assistance from someone who is more experienced. PVARC wants you and your family to be safe and enjoy amateur radio to its fullest. Your signature below acknowledges that you will take responsibility for keeping safety foremost when working with amateur radio equipment or at events.

Signature: _____ Date: _____

Family Member Signature: _____ Date: _____

PVARC's amateur radio license courses taught by Walt Ordway, K1DFO, will be on vacation during the summer months. Walt's next classes start on September 24th. Please tell your friends, neighbors, and family members.

Two Amateur Radio Courses

FCC "Technician" course (entry level)

FCC "General" course (2nd level)

Each course is 2 sessions

The 2 sessions are on September 24 & October 1

Technician 10:00 AM to 2:00 PM both Saturdays

General 2:15 PM to 5:00 PM both Saturdays

FCC tests will be 10 AM to noon on October 8

The location is 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

- Gordon West book with all the FCC test questions, \$22 for the Technician and \$22 for the General -
- Copy of my Power Point charts, \$18 for the Technician and \$18 for the General -

For courses sponsored by the Palos Verdes Amateur Radio Club, students thru grade 12 who get their license 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 walt.ordway@yahoo.com

**ANNOUNCING
THE NEXT SW DIVISION CONVENTION**



HAMCON 2011

ARRL Southwest Division
Amateur Radio Convention
"COMMUNICATIONS
AROUND THE WORLD"

September 9, 10, & 11, 2011

Marriott Torrance South Bay

3635 Fashion Way, Torrance, CA 90503 1-800-228-9290

Hotel Reservation Code: HAMCON

COME JOIN THE FUN

AND

EXPERIENCE WHAT HAM RADIO HAS TO OFFER

CW

W1AW/6

DX

SPECIAL EVENT STATION

LUNCH

VENDORS

ANTENNAS

BANQUET

EXHIBITORS

WOUFF HONG

EVEN SOMETHING TO DO
FOR THAT NON HAM

TECHNICAL TALKS

IN YOUR LIFE

BREAKFAST

RADIO DEMOS

EMCOMM

T-HUNTING

DOOR PRIZES

VE EXAMS

GREAT PROGRAMS

ELMERS

ELECTRONICS

TECHNOLOGY

FOR INFORMATION UPDATES AND THE LATEST NEWS

VISIT OUR WEBSITE: HAMCONINC.ORG



HAMCON 2011

ARRL Southwest Division Amateur Radio Convention

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Marriott Torrance South Bay

3635 Fashion Way, Torrance, CA 90503 1-800-228-9290 Hotel Reservation Code: HAMCON

REGISTRATION FORM

ALL ATTENDEES MUST BE REGISTERED - Please list all additional attendees
No Charge for Children under 16 when Accompanied by a Registered Adult

Call Sign: _____ Last Name: _____ First Name: _____

Address: _____ City: _____

State: _____ Zip Code: _____ Email: _____

ADDITIONAL ATTENDEES (all adults must pay admission)

NAME (PLEASE PRINT)	CALLSIGN	CHILD	ADULT
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

REGISTRATION OPTIONS	Price	Qty	Total
EARLY BIRD (Postmarked/Submitted by May 31, 2011) Convention Pin Included	\$15.00	_____ @	\$15.00 = \$ _____
PRE-REGISTRATION (Postmarked/Submitted by Aug. 1, 2011)	\$18.00	_____ @	\$18.00 = \$ _____
ON-SITE REGISTRATION	\$20.00	_____ @	\$20.00 = \$ _____
Convention Pins (While Supplies Last)	\$ 5.00	_____ @	\$ 5.00 = \$ _____
Breakfast Tickets	\$25.00	_____ @	\$25.00 = \$ _____
Luncheon Tickets	\$30.00	_____ @	\$30.00 = \$ _____
Banquet Tickets _____ Beef _____ Chicken _____ Vegetarian	\$45.00	_____ @	\$45.00 = \$ _____
Excursion (Bus Tour from Hotel to The Getty Museum)	\$30.00	_____ @	\$30.00 = \$ _____
Seating is limited - Reserve your seat now!			TOTAL: \$ _____

Mail / Make Checks Payable To:
HAMCON, INC.
P.O. Box 333
Pomona, CA 91768
For Information Updates Visit
HAMCONINC.ORG

STAFF USE ONLY

Date Received: _____ # Adults Registered _____
Children Registered _____ # Pins Ordered _____
Check # _____ Receipt # _____
Comments: _____

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 all short text items in this month's QRO into a larger body of text to facilitate conversion into speech.

Page 1: The photos at the top show the Pt. Vicente Lighthouse at night with its light shining, alongside the PVARC and ARRL logos. At the bottom, a graphic depiction of a projection screen says, "Not signed up and have something you'd like to present regarding your ham shack? Contact Bob Sylvest, ab6sy@me.com."

Page 2: A photo superimposed behind the article text shows the club's trailer tower fully-extended and operating during Field Day 2011.

Page 3: The photo caption for both pictures says, "K6JW's infamous late-1970's bathroom linen closet ham shack (*shown above*) and his 2011 shack (*below*). Can you identify the piece of equipment that is common to both of these shacks? (Answer on page 9) Photos: JEFF WOLF, K6JW "

Page 4: The photo has a title, "What is this? PHOTO: ANDREW PFEIFFER, K1KLO " (The photo shows a bird cage HF antenna for 80 to 6 meters.)

Page 5: The top photo shows a homemade antenna tuner, PHOTO: TOM NICKEL, KC9KEP. The center photo shows a homemade antenna dummy load using 20 resistors and a paint can lid, PHOTO: KENNETH KEMSKI, K4EAA . The bottom photo shows a crystal radio, PHOTO: TOM NICKEL, KC9KEP.

Page 6: The illustration shows the Contents page from Rohde & Schwarz' free technical paper, "dB or not dB: Everything you ever wanted to know about decibels but were afraid to ask."

Page 7: The three photos are different screen shots of Rohde & Schwarz' downloadable dB Calculator application software.

Page 8: The photo shows the top of the Pt. Vicente lighthouse with the caption, " The Pt. Vicente Lighthouse will be open for PVARC members and their families during Lighthouse Weekend. PHOTO: BRIAN TILLEY, KA6UHM "

Page 9: A box lists the PVARC new members in 2011 and another box with text contains the answers to questions on pages 3 through 5.

Page 10: There are five photographs of PVARC's 2011 Field Day. One box says, "...Just A Few of PVARC's **Field Day 2011 Photos**. Please see the complete gallery of Field Day 2011 photos on our website at: <http://www.palosverdes.com/pvarc/PhotoGalleries/2011FieldDay/index.html>

The caption of the top photograph says, "Top Left: Bob Closson, W6HIP, and Clay Davis, AB9A, working 20-meter SSB. PHOTO: JEFF WOLF, K6JW." The caption for the two center photographs says, "Center Left: Dale Hanks, N6NNW, and Peter Landon, KE6JPM, assemble a support base that Dale designed to facilitate raising his beam antenna at our SSB station. **Center Right:** Sid Wielin, KF6QFH, and Mel Hughes, K6SY, operating the VHF station. BOTH PHOTOS: BOB CLOSSON, W6HIP ". The caption of the bottom left photograph says, "Rocco Lardiere, N6KN, and Jeff Wolf, K6JW, in the CW tent. PHOTO: JOHN FREEMAN, WW6WW". The caption of the bottom right photograph says, "Homer Meek, K6HKT, working the CW evening shift with Bill Pohlmann, WB6SIK (left), and Dan Colburn, W6DC (behind Homer). PHOTO: DIANA FEINBERG, AI6DF

Page 11: The illustration shows the logo for the 2011 ARRL Southwest Division Convention.

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