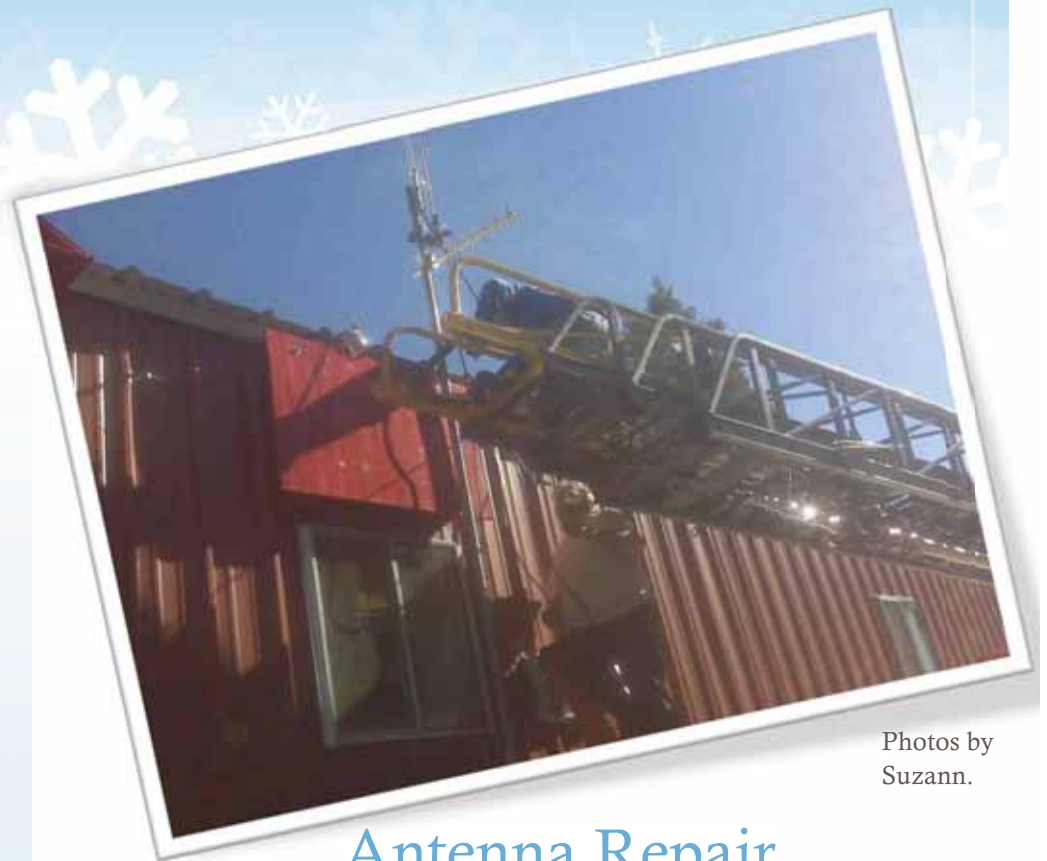


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# SCOPE

A Newsletter by and for the Palomar Amateur Radio Club



Photos by  
Suzann.

## Our Board

I am pleased to announce the 2009 Board of Directors for the Palomar Amateur Radio Club. Elections were held at the Club Meeting on the 3<sup>rd</sup> of December.

**President Dennis Baca**

**KD6TUJ**

**Vice President Terry Runyon**

**K3PXX**

**Secretary Loren Hunt**

**AD6ZJ**

**Treasurer Georgia Smith**

**KI6LAV**

**Director #1 Paul Williamson**

**KB5MU**

**Director #2**

**Conrad Lara KG6JEI**

Please find contact information on  
page 2.

## Antenna Repair

Thanks to our dedicated Cert members, our snow-damaged radio antennas at the Palomar Mountain Volunteer Fire Department were repaired on December 22<sup>nd</sup> 2008.

-Suzann Leininger

## Save the Date!

### Club Meeting

7 January 2009

Ron K2RP  
demonstrates 1950s  
ham radio.

Know of an  
event coming  
up?

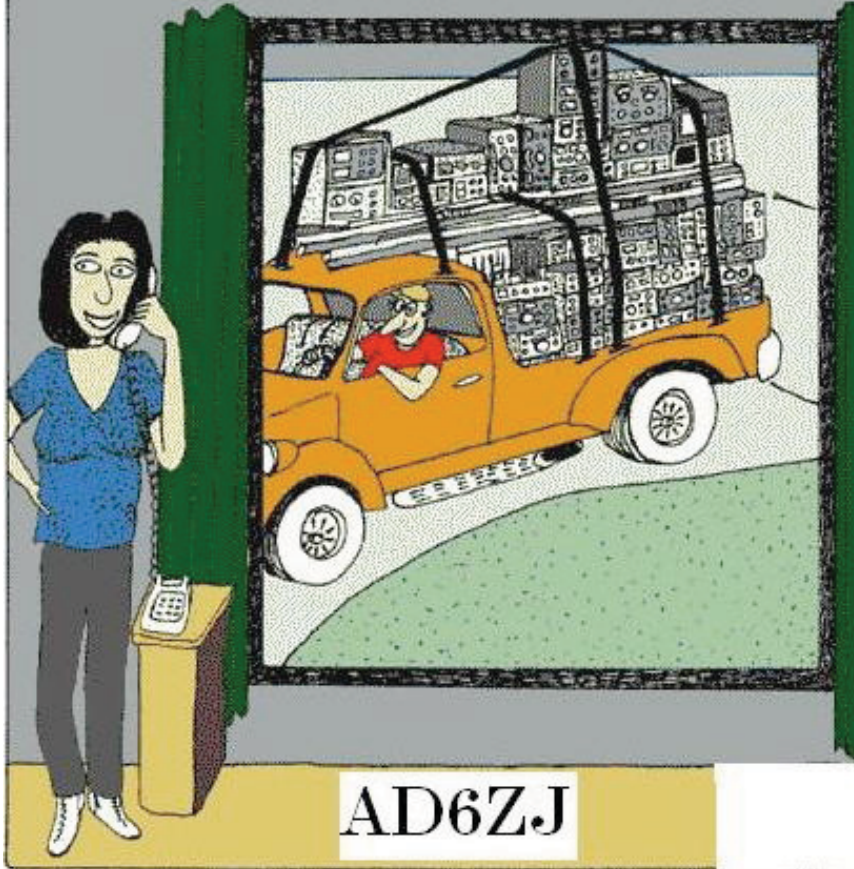
### Board Meeting

14 January 2009

7:00pm at the QTH  
of W6GNI

## A Laugh for Loren

No Loren isn't here right now. He went to a Ham swap meet to get rid of a few pieces old gear that was taking up space in the garage. Oh I think I hear him driving up now



## Help Mataguay

Ernie Cowan writes, "Hi there...I am trying to assist in acquiring VHF equipment to set up a station at the Mataguay Boy Scout Camp near Warner Springs. My son is the resident ranger/caretaker there and they only have telephone communication. During a fire, there are concerns that phone lines might be down.

"I am hoping we could find equipment that people might be willing to donate, including base unit, ht's, mobile, power supply and antennas so that a good system could be set up at the camp. It could also make a great club project. The equipment would be donated to the Boy Scouts of America, so it would be tax deductible. Perhaps you can help spread the word and have anyone interested in helping contact me at (760) 518-8050.

"Best regards,  
Ernie Cowan KE6GGP"

## 2009 Board of Directors Contact Information

OFFICE	NAME	CALL	PHONE	EMAIL
PRESIDENT	DENNIS BACA	KD6TUJ	760-802-2573	<a href="mailto:KD6TUJ@AMSAT.ORG">KD6TUJ@AMSAT.ORG</a>
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SECRETARY	LOREN HUNT	AD6ZJ		
TREASURER	GEORGIA SMITH	KI6LAV	760-521-7713	<a href="mailto:KI6LAV@AMSAT.ORG">KI6LAV@AMSAT.ORG</a>
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REPEATER SITE	MIKE PENNINGTON	K6MRP	760-749-8888	<a href="mailto:K6MRP@AMSAT.ORG">K6MRP@AMSAT.ORG</a>



John WB6IQS gives a repeater site report at the December meeting. Photo by KB5MU.

## Repeater Site Report – WB6IQS

On Sunday Dec. 7, WB6IQS went up to the repeater site to repair the 146.70 packet repeater. He worked on both the packet repeater and the 145.05 digipeater. There was a bad interface card connection in the 146.70 repeater. On the 145.05 digipeater there was a high contact resistance on the receive side of the 13.8 VDC transfer relay causing the receive voltage to be lower than normal.

## Membership

New Members Joining PARC: KI6JEX, KI6TQW, KI6UGJ, and KI6EZJ. And, WA6NPM signed up for an additional 5 years. And, KI6JET signed up for the MAXIMUM ALLOWED, 10 years! Three members reinstated their membership. Welcome back. Thanks to all!!!

If the Post Office returns your SCOPE, and we have an e-mail address, we can often find out why the mail didn't make it. I also phone if this happens. It seems that sometimes SCOPE's are returned, even though the address is correct. Please check what is there, and send me a correction if appropriate. If you want your "special" e-mail address or phone number kept confidential, let me know, and it will not be printed.

## December Raffle Winner

Patrick Horgan K6SML, pictured at right with Dennis KD6TUJ, won the Yaesu FT-1802 50-watt 2m pre-programmed radio that included alpha tagging at the December 2008 meeting. Congratulations to Patrick, and we'll hear you on the air!

## Club Reports

Have some news you want to share with the club? Send it in to [scope@palomararc.org](mailto:scope@palomararc.org)

## Track Down Big Guns

Whenever you hear a station with a BIG signal while tuning across the HF bands and wonder what these guys and gals are using for antennas and rigs at their station

Go to this web page and enter their call sign in the search window

<http://www.conteststations.com/default.html>

-Dennis N6KI

## December Fold and Staple

KB6NMK Jo & Toby  
KB6YHZ Art K2RP Ron  
KI6LLC Roni  
W6GNI Al & Kathy & Julie



Photos by KB5MU.

**Personal equipment ads are free to members and will run for at least one month.**

**Send your ad to [scope@palomararc.org](mailto:scope@palomararc.org)**

**(12.26) FOR SALE**

Ten Tec Omni V transceiver. \$400. Astron 35 amp power supply. Model RS35M, \$100. Ten Tec antenna tuner. Rated 2kw, model 229, \$90. Inverted V antenna for 80/40, \$20. Heath kit 3inch scope model 10-21, \$20. HAL DXP38 RTTY modem, \$200. Hy-Gain Hy Tower 5 band vertical, \$300. Transistor 3inch RTTT scope. Takes input from radio, \$40. Call for details on items. Dale, W6IWO 760-728-6800 location is Fallbrook, CA

## Club Classified Advertisements

Commercial ads are \$2 per column inch per month. We will adjust your ad copy to conform to the number of inches bought.

**(12.26) WANTED**

Need a large transformer, between 24 - 40 VAC secondary at minimum 20 Amperes (prefer 40 Amperes ratings) with 120 VAC primary. I have a Sorenson DCR series 40 VDC, 40 Ampere regulated power supply with a bad primary (shorted turns). Expect that the replacement transformer will be about 40 pounds in weight. Not concerned with mounting tabs or exact size, I can modify the 19" rack enclosure to fit. WB6IQS@att.net.nospam

(12.29) have several antennas that I just don't have the room for. Hy-Gain TH-7DX type, 7-element tri-bander Older unit in descent shape \$150.00 (the latest version of this sells for \$869.95). Hy-Gain TH-3 type, 3-element tri-bander Older unit in very good shape with new insulators, end caps and trap caps - \$95.00 (the latest version of this sells for \$469.95). Contact Loren Hunt AD6ZJ at 760-724-4644 or email at [ad6zj@arrl.net](mailto:ad6zj@arrl.net)

## PARC Anniversary

The Palomar Amateur Radio Club began in February 13, 1936 as North San Diego Radio Club. The name changed to Palomar Radio Club prior to the June 1936 publishing of QST. Association with ARRL began on May 8, 1937. February 2009 marks our 73<sup>rd</sup> anniversary. Two more years will be our 75<sup>th</sup> and we would like to do something very special.

First, we would like a volunteer to lead the 75<sup>th</sup> anniversary organizational effort. We would like to see events throughout the year take advantage of our anniversary theme.

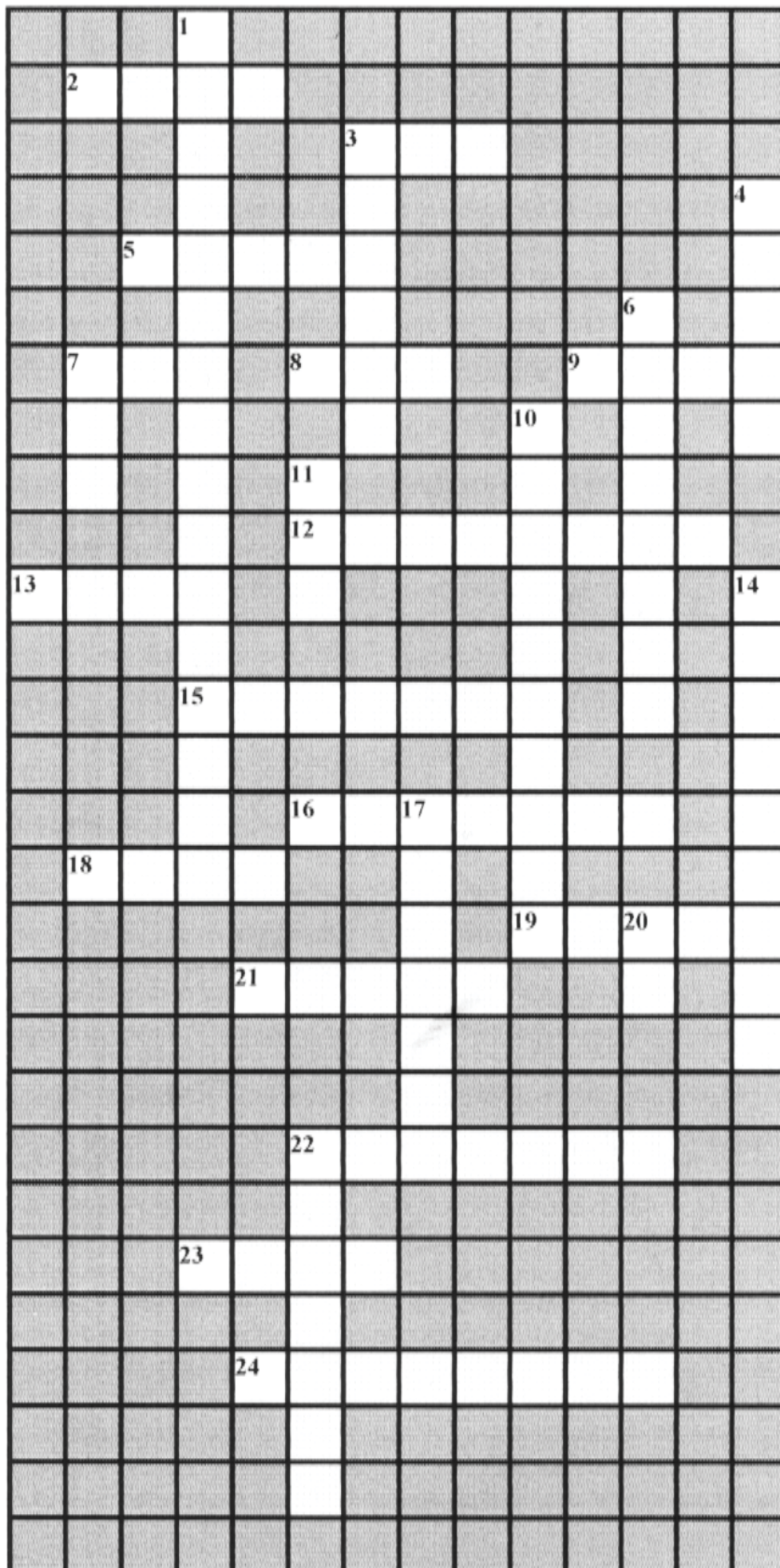
Second, we would like to hear from all of you that may have any stories, memorabilia, documents, photographs, and other items that could be presented and shared at our 75<sup>th</sup> anniversary events.

Please contact [board@palomararc.org](mailto:board@palomararc.org) or any officer at a meeting to help with making our 75<sup>th</sup> anniversary year special.

Thank you for your participation and support.

Dennis KD6TUJ and Michelle W5NYV

# Vintage Hint Crossword, by W5NYV



**Down**

- 1. Triad transformation
- 3. Antenna.
- 4. Hollow state component
- 6. Outside the soup kitchen.
- 7. Spec
- 10. Who made the HQ170?
- 11. Worn on the head
- 14. Collimation
- 17. Why don't you straighten up that voltage?
- 20. King of the 1950s phone modes.
- 22. Who made the S Line?

**Across**

- 2. Middle word of CCA.
- 3. Unit of current.
- 5. Mentor.
- 7. Can't be heard without it.
- 8. Not beef, not chicken.
- 9. What you do to a kit second.
- 12. What you do to a kit first.
- 13. American for valve.
- 15. Hearing aid.
- 16. What kind of poisonous vapor?
- 18. Drawer.
- 19. Male duck.
- 21. Bin
- 22. Provides clear control.
- 23. If you carry an amp and dissipate a watt, you might be one of these.
- 24. Hollow state component.

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*Cushcraft And Others*  
*too*  
*Numerous to Mention!*

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## The Value of Amateur Radio in San Diego

The Officers and Members of the San Diego DX Club have compiled a listing of some of the more than 28 important Public Safety stakeholders whose Public Service and Safety efforts would be seriously harmed by San Diego's proposed restrictive antenna regulations. It is hoped that once the City understands the value these 3,691 Amateur Radio Operators bring to our City that the City will save itself and its citizens the unnecessary expense by not proceeding with this destructive and likely illegal legislation.

The Federal Communications Commission Public Safety and Homeland Security Bureau ([www.fcc.gov/pshs/services/amateur.html](http://www.fcc.gov/pshs/services/amateur.html)) established amateur radio service as a voluntary non-commercial radio communications service that allows licensed operators to improve their communications and technical skills, while providing the nation with a pool of trained radio operators and technicians who can provide essential communications during emergencies.

For almost a century **San Diego's 3,691 Federally Licensed Amateur Radio Operators** have helped protect San Diego by providing Emergency Communications to quote Walter Cronkite "**When All Else Fails**" that time and time again has saved both lives and property in San Diego. Even in this modern age of instant communications, as we saw during Hurricane Katrina and the 2003 and 2007 San Diego Firestorms, commercial and government communications systems failed while Amateur Radio continued to provide vital life saving links.

Currently the City of San Diego is proposing new legislation to restrict the installation of vital Amateur Radio Antennas. While the legal discussion of the proposed legislation, which will be covered separately by our Legal Counsel, will show that the courts will likely

rule the legislation to be **Illegal under Federal PRB-1 and State AB1228 regulations**, the **proposed legislation will seriously harm the Public Safety of San Diego** and cause its Citizens unnecessary expense to defeat it in the courts.

San Diego's Amateur Radio Operators spend countless hours working hard on behalf of San Diego by spending their own money to maintain and by giving freely of their time to exercise both their equipment and their skills, contributing to the reliability of Amateur Radio communication networks that cannot be matched by equipment that is just installed and then neglected until it's needed.

Perhaps the most important part of San Diego's Amateur Radio infrastructure is the considerable investment that has been made into the Home Stations and Antennas systems that provide the primary backbone of communications. Without these Home Stations and their High Frequency Antennas, San Diego's Public Safety would be severely limited if not harmed in its ability to communicate outside of City boundaries.

The proposed legislation will cause irreparable harm to the people of San Diego. The San Diego DX Club urges its City representative to protect the public by defeating it.

Amateur Radio has been in existence for almost a century and from its earliest days it has provided communications "When All Else Fails". There are 650,000 licensed in the USA and over 100,000 in the State of California.

There are currently **3691 Amateur Radio Operators licensed by the Federal Communication Commission in the City of San Diego and a total of 8834 in San Diego County.**

*continued on page 8*

*continued from page 7*

These civic-minded individuals voluntarily contribute vital communications for many City agencies that far exceeds their numbers. They have provided vital communications during local emergencies such as the Firestorm 2003 and 2007 but they also provide ongoing communications services for the Red Cross, San Diego County Emergency Operations Center, San Diego County Sherriff, Hospital Emergency Services, CAL FIRE, US Marine Corp Base, State of California Office of Emergency Services, Miramar Air Show, the Thunder Boat Races in Mission Bay, and the Mother Goose Parade to name but a few.

San Diego's Amateur Radio Operators **have invested almost \$6,000,000 in capital equipment and annually invest more than \$500,000 into new equipment and maintenance.**

San Diego's Amateur Radio Operators contribute **more than 115,000 man hours of personal time and as well as money towards serving their community.**

San Diego's Amateur Radio Operators **saves the City of San Diego more than \$2,500,000 annually in Direct Avoided Costs of Labor.**

San Diego's Amateur Radio Operators **spends more than \$500,000 annually supporting the Local Electronics Retail Community.**

San Diego's Amateur Radio Convention bring **more than \$150,000 in Convention Business and 1,000 room nights to San Diego.**

Over the years, San Diego's Amateur Radio Operators have directly saved the City of San Diego millions of dollars by providing free of charge Emergency, Public Safety and Public Service Communications.

*To read the full 37-page report that this article is excerpted from, contact any officer of the San Diego DX Club.*



Goodie table,  
December meeting.



Harry W6YOO buying  
tickets for the raffle.



Dennis KD6TUJ  
sells raffle tickets.





Pat WA6MHZ, Ron K2RP, and Harry W6YOO visit near the coffee station at the December meeting.



Goodie table, December meeting.

Dennis KD6TUJ collects ballots for the election of Director #2.

Election results are counted.



Photos by KB5MU.

## SCOPE

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Questions? Ideas? Comments? [W6NWG@amsat.org](mailto:W6NWG@amsat.org)

## Featured Program

January Program: **K2RP Ron Pollack Demonstrates 1950s Ham Radio.** Ron has been writing an occasional Scope article for some time discussing the history of some of the equipment in his collection.

This is your opportunity to see some of these restored relics in person, as well as hear the history of our hobby during the 1950s. He'll discuss the changes in regulations, licensing (the introduction of the Novice license, for example), the rise of SSB, VFOs, and transceivers, replacing AM, crystals, and separate transmitters and receivers.

So, if the names Hallicrafters, Heathkit, National, Collins and Hammarlund ring a bell with you, come to the meeting and twiddle some dials!