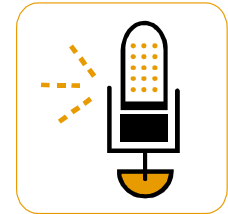


A newsletter by and for the Palomar Amateur Radio Club of San Diego, CA, USA.

## Reminders

Meeting December 6th



## Letter from the President

The seasons are changing from warm to cool. It's time to waterproof our antennas and feed lines, just in case it rains. Christmas is just around the corner, which means many of us will find new rigs in our shacks. I wish everyone a happy holiday season and hope you have had a pleasant Thanksgiving.

Our November Program was a presentation on the Tucson Amateur Packet Radio Corporation (TAPR) Digital Communications

Conference, held September. Mark Raptis, KF6TWN, gave a good presentation. Also at the November Meeting, Nominations for next year's PARC Board of Directors were made. Attend the December 6th meeting and find out who next year's Board will be.

The December meeting is the PARC annual meeting, which is comprised of the Board of Directors elections and Christmas Social. This is a great opportunity to get

to know the HAMS that regularly attend PARC meetings, as well as bend the ear of your Board of Directors. The January meeting will be on EchoLink. Many of us are looking forward to hearing Charlie NN3V speak on this. February is slated to be on MonstIR Yagis and March is a new format of "I got my License...Now what?" With the Holidays approaching and New-years resolutions just around

See page 2

## Emergency Preparedness Fair Report

On October 14 an emergency preparedness fair was held at the Cardiff building of the Church of Jesus Christ of Latter-Day Saints.

The goal of the fair was to allow the public to be able to talk with various agencies and groups in order to learn more about how to be better prepared for disasters. Some of the agencies and groups in attendance were the Mercury Amateur Radio Association, San Diego County Office of

Emergency Services, California Dept. of Insurance, SDG&E, Olivenhain Water District, The Red Cross, San Diego County Animal Services and the Sheriff's Dept.

In addition to the agencies, tables displayed various "how to" information such as 72 hour kits, water purification & storage, first aid kits and food storage.

The Masonic Bureau of San Diego provided free child identification sheets with a digital picture and

thumbprint of each child. It is estimated that about 500 visitors attended the fair.

-Mickey Cross



"The fold and staple crew needs a couple of new members. We get together on the last Wednesday of the month at noon, and get the SCOPE ready for the Post Office.

The meeting place is in Vista, and takes an hour or so. The regulars have interesting conversations, and get the work done quite quickly.

Please make yourself known to Al (W6GNI) at the Membership Table during a meeting if you want to volunteer for this fun and social activity."

## President's Letter Continued

*continued from page 1*  
 the corner, this is a good time to consider more involvement in public service, through amateur radio. Currently, the help that all new (and potential) HAMs need the most is in 1) earning their licenses and 2) Being "Mentored" onto the air. To this end, I am asking each and every one of you to consider becoming an instructor, a mentor, and/or a volunteer examiner. Teaching a Tech

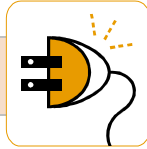
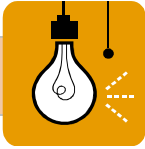
class is easy. Heck, even I can do it! PowerPoint presentations and teaching aids are available that anybody can use.

The hard part is making the time available for one-on-one help to get a new HAM on the air. This is where each of you can help the most. PARC is looking to put together a regularly scheduled seminar / class for new HAM's. I am looking for both seasoned veterans

of amateur radio and recently licensed operators to help make this happen. The goal is to have enough Elmer's (new and old) to give one-on-one and one-on-two type attention, on a regular monthly/quarterly schedule. If you are interested, please give me a call (619) 461-2818, or look me up at a PARC Membership Meeting.  
 -Steve Early, President PARC

## Preparedness Fair Photos





## Club Classified Ads

Personal equipment ads are free to members and could be bumped after 3 months. Make up your ad like the ones on this page and send to SCOPE@PALOMARARC.ORG

Commercial ads in big boxes: \$2/col. inch/month. We will squash your ad copy to the number of inches bought.

(11.6) For Sale: Aluminum tower disassembled in 7 ft sections(6 each), with hinged base plate, top fixture for rotor, plus two guy plates. Tower snaps together with aircraft safety pins. make offer, moving to Guam. Contact KE6DUG-Rich at 760-806-4870 or email at richnjo@aol.com. Located in vista.

(10.23) Silent Key, WB6CLT - selling all equipment and antenna (new in box). Asking for fair offers. Let your conscience be your guide. Swan: 120 single sideband transceiver; 250C transceiver; ICOM: 1C-V8000 VHF FM transceiver w/antenna; IC-21; Heathkit: Oscilloscope Model 10-17; Frequency Scaler 1B-102; frequency counter 1B-1100; Hybrid phone patch HD-15; SD-610; HW-8 receiver; HWA-7-1 Power supply; HM-21-2 Astron SS30 power supply, Butternut antenna and all attachments Model HF9V still in boxes; Master control center CV89-URA-8A. Most have manuals. Contact Eileen 619 417-3113, 760 788-6345 or [inkydew@aol.com](mailto:inkydew@aol.com)

(9.26) For Sale: 2 MFJ Loop tuning Capacitors: One Large, one small. Brand new. Never used. \$70/\$55. Contact Ron, K2RP (760) 436-8109 K2RP@ARRL.NET

(8.27) For Sale: Like New Icom IC-20R, Dual Receive Wideband IC-R20 Scanner and CS-R20 Programming Software. In original box with all accessories: antenna, battery charger, belt clip and factory manual. Also comes with the Nifty Accessories Mini-Manual and wallet card reference guides, CS-R20 Cloning software and PC interconnect cable. Price: \$380. Contact: Bernie at 760-781-5522 or email at n6fn@niftyaccessories.com

(6.28) WANTED: About 0.6 Farads (600,000 uF) or bigger worth of computer grade capacitors (typically they have 10/32 screws on the top) at 25 VDC or better. For homebrew spot welder to make battery packs. Multiple Capacitors OK. Must be cheap. John, WB6IQS (760) 727-3876

(5.24) For sale: 38 foot, two section self-supporting, crank-up tower. NEW, Never installed. U.S Tower HDX – 538, Heavy-Duty, Commercial grade with the TRX – 80 Raising fixture hand crank and cable. Does need second hand crank and tower cable. \$600 takes it all and it is now laying on the ground ready to be moved. Larry, WQ6V  
Contact person Bob Layton ( 760 ) 726–1706 in the Vista area.

# HAM RADIO

Tom KM6K  
Ron N6OMW  
Jose XE2SJB  
Bob KA6EKT

H  
R  
O

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## Committee Chairpersons

ARES Info	Tony	KC6YSP
ARES Net	Dennis S.	<a href="mailto:K7DCC@amsat.org">K7DCC@amsat.org</a>
Attendance	Al	<a href="mailto:W6GNI@amsat.org">W6GNI@amsat.org</a>
ATV	Art	<a href="mailto:KC6UQH@amsat.org">KC6UQH@amsat.org</a>
Auction	Tom M.	<a href="mailto:KG6RCW@amsat.org">KG6RCW@amsat.org</a>
Badges New	Al	<a href="mailto:W6GNI@amsat.org">W6GNI@amsat.org</a>
Batteries	David	<a href="mailto:BK6EBYDAT@Gerry.Palomar.caltech.edu">BK6EBYDAT@Gerry.Palomar.caltech.edu</a>
BBS Monitor	Bill B.	<a href="mailto:N6FMK@amsat.org">N6FMK@amsat.org</a>
Billing Ads/etc	Jo A.	<a href="mailto:KB6NMK@amsat.org">KB6NMK@amsat.org</a>
Contest Info	Dennis V.	<a href="mailto:N6KI@amsat.org">N6KI@amsat.org</a>
Control Ops	Filled	<a href="mailto:W6NWG@amsat.org">W6NWG@amsat.org</a>
Del Mar Fair	Jim Cooper	<a href="mailto:NE6O@amsat.org">NE6O@amsat.org</a>
EmComm	Harry	<a href="mailto:W6YOO@amsat.org">W6YOO@amsat.org</a>
	Dennis V.	<a href="mailto:N6KI@amsat.org">N6KI@amsat.org</a>
Field Day Tech	John K.	<a href="mailto:WB6IQS@amsat.org">WB6IQS@amsat.org</a>
Inventory	Dennis B.	<a href="mailto:KD6TUJ@amsat.org">KD6TUJ@amsat.org</a>
New Member	Christy M.	KI6AOL
Nets	PARC	<a href="mailto:Board@palomararc.org">Board@palomararc.org</a>
Newsletter	Michelle	<a href="mailto:W5NYV@amsat.org">W5NYV@amsat.org</a>
Patch Info	Stan	<a href="mailto:W9FQN@amsat.org">W9FQN@amsat.org</a>
Patch Electronics	Jerry H.	<a href="mailto:WB6FMT@amsat.org">WB6FMT@amsat.org</a>
Picnic	Mark R.	<a href="mailto:KF6WTN@amsat.org">KF6WTN@amsat.org</a>
Power AC/DC	Mike P.	<a href="mailto:K6MRP@amsat.org">K6MRP@amsat.org</a>
Programs	Dennis B.	<a href="mailto:KD6TUJ@amsat.org">KD6TUJ@amsat.org</a>
Publicity	Terry R.	K3PXX
QSL Cards	Harry H.	<a href="mailto:W6YOO@cox.net">W6YOO@cox.net</a>
RACES Info	Jo A.	<a href="mailto:KB6NMK@amsat.org">KB6NMK@amsat.org</a>
RED Flag	Steve	<a href="mailto:AD6VI@amsat.org">AD6VI@amsat.org</a>
Repeater Site	Mike P.	<a href="mailto:K6MRP@amsat.org">K6MRP@amsat.org</a>
Repeater Tech	Mike D.	<a href="mailto:AB6QT@amsat.org">AB6QT@amsat.org</a>
SANDARC	Jim/Steve	NE6O/AD6VI
Seller Table	John K.	<a href="mailto:WB6IQS@amsat.org">WB6IQS@amsat.org</a>
Testing VE	Rusty	<a href="mailto:dunedancer@cox.net">dunedancer@cox.net</a>
Trustee	Mike D.	<a href="mailto:AB6QT@amsat.org">AB6QT@amsat.org</a>
Web	Paul W.	<a href="http://www.palomararc.org">www.palomararc.org</a>

## Contest Calendar

Dec 1	EU-PSK-QRP Contest
Dec 1	ARRL 160-meter contest
Dec 2	TARA RTTY Melee
Dec 2	Wake-UP! QRP Sprint
Dec 3	TOPS Activity Contest
Dec 5	ARS Spartan Sprint
Dec 9	ARRL 10-meter Contest
Dec 10	NA High Speed Meteor Scatter Winter Rally
Dec 13	NAQCC Straight Key/Bug Sprint
Dec 13	Russian 160-meter Contest
Dec 16	OK DX RTTY Contest
Dec 16	MKXA PSK Death Match
Dec 16	Croatian CW Contest
Dec 16	International Naval Contest
Dec 17	ARCI Holiday Spirits Homebrew Spring
Dec 18	Run for the Bacon QRP Contest
Dec 24	RAEM Contest
Dec 26	DARC Christmas Contest
Dec 30	RAC Winter Contest
Dec 30	Stew Perry Topband Challenge

Contests are normally sparse during December because of the Holidays; however, for those who need their contest fix there are a few interesting ones. Complete rules may be found in QST, CQ, NCJ and Worldradio magazines and also on the Web.

CU in the contest. 73 de Harry, W6YOO

## Repeater Information

52.680 W6NWG -0.5 MHz, Autopatches: 146.730-, 147.075+, \*147.130+, \*447.000-  
 PKT: 145.050s (PALMAR/W6NWG-1) 146.700- (Duplex Pkt) PALBBS/EMG use 145.070/146.700- (W6NWG-3/PALBBS)  
 ATV input: 915 wbfm, 2441.25 wbfm  
 ATV output: 1241.25 MHz am  
 Intercom: 146.415 PL 79.7 nbfm  
 Affiliated: 224.380-, 224.940 KK6KD (HARS) 447.050-, 145.260 KK6KD (HARS) 146.175+ N6FQ (Fallbrook ARC)  
 Linked to: 445.600-, 224.900- WD6HFR (Convair/220 ARC), 446.140- WB6FMT (123.0) Vista

† under repair \* 107.2 Hz PL Tone

## Repeater Site Report

Here are some photos of Mike Pennington, K6MRP, hooking up an electrical panel box in the storage container workshop at the repeater site. The temperature today was quite brisk and the electrical circuit was promptly tested with the heavy load of a space heater.

-Dan K6NKC





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## Time for a membership survey.

One of the duties of the PARC Board of Directors is to ensure that the Club maintains relevance to its membership and to the Amateur Radio Community. This has been at topic at every Board meeting this year. The biggest questions are: What would our membership like is to provide? And what are the best ways to determine this?

One tool to help this process is the old fashioned survey. So here it is! Instructions for submitting the survey are below.

1) What topics would you like presented at next year's meetings?	
2) Would you like to hear meeting announcements on the repeater?	
3) Would you like a voice Identifier on a PARC repeater?	
4) What can we do to see you at our monthly meetings?	
5) Should PARC sponsor a Car Pool Net for club meetings?	
6) Should PARC offer amateur radio-related training, like Contesting Techniques, Emergency Operations, Antennas 101, etc? If yes – name a topic.	
7) How can we improve our repeaters?	
8) Would you like the Scope by e-mail, or by traditional mail?	
9) What question (s) should we be asking of the members?	
10) How would you answer the question we should ask?	

Please take some time to answer these questions and either bring your responses to the next meeting, or send them to me at [ad6vi@cox.net](mailto:ad6vi@cox.net) or at 4724 Maple Ave, La Mesa, Ca, 91941.

There is also an online form on our website [www.palomararc.org](http://www.palomararc.org)

## License and Class Information

**Register 5-7 days in advance for the following test sessions.**

☑ PARC Testing is in Carlsbad on the 2nd Saturday of the month at 9:30am at the Carlsbad Safety Center. Test sessions may be cancelled if no one pre-registers. Contact Rusty Massie AA6OM at (760) 747-5872 or [dunedancer@cox.net](mailto:dunedancer@cox.net).

☑ EARS Testing is in Escondido on the Last Saturday of the month at 9:00 am at Fire Station #1 Escondido Fire Department.

The address is 310 North Quince Street, Escondido CA 92025.

Contact Harry W6YOO (760) 743-4212 or [W6YOO@amsat.org](mailto:W6YOO@amsat.org).

☑ "The ARRL Technician Class Course for Ham Radio Licensing" Course No. EC-010 \$99 ARRL members / \$139 non-members. Courses begin on the first and third Tuesday of each month. For more information, email [cce@arrl.org](mailto:cce@arrl.org) or via regular mail to ARRL CCE, 225 Main Street, Newington, CT 06111.



Are you interested in upgrading your license? Do you work better in small study groups or on your own? Is the code requirement an obstacle?

Let SCOPE know! Certified instructors in PARC are ready and willing to help you. Write to

[scope@palomararc.org](mailto:scope@palomararc.org)

with your license goal and study preferences.

Possibilities include online study groups, pre-PARC meeting study groups, and weekend study groups.

## www.ac6v.com

This wonderful ham radio website, run by Rod AC6V, is a fantastic online resource for amateur radio information. With 700 topics, 6,000 links, and 132 pages, it weighs in at the top of the scale as one of the best topical indices of ham radio webpages. The site gets well over 1,000 hits a day. Readers from 127

countries have visited [www.ac6v.com](http://www.ac6v.com) which been in operation since 1997. Unlike many sites that post reams of links, only to let them rot over time, Rod sees that the links at his site are checked monthly. This removes one of the most irritating things about resource sites – the dreaded 404 Page Not

Found.

Thanks to Rod, things are easier to find on the ever-growing and often chaotic Internet. Thanks Rod, for doing such a great job and providing such a wonderful service to the ham radio community!

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## Preparedness Fair Photos



### **PALOMAR ENGINEERS**

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**Model BA-8** (for RG-8, RG-213, 9913 and similar cables up to 1/2" dia. \$15+tax+\$6 S&H/order.

#### **TUNER-TUNER**

Tune your tuner without transmitting. Save that rig! Just listen to the Tuner-Tuner's noise with your receiver. Adjust your tuner for a null and presto! You have a 1:1 SWR.

**Model PT-340 \$99.95+tax+\$6 S&H**

See catalog at [www.Palomar-Engineers.com](http://www.Palomar-Engineers.com)

Please check our complete ads in **QST**, **73**, **CQ**, and **World Radio** magazines.

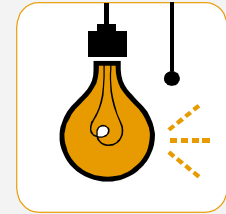
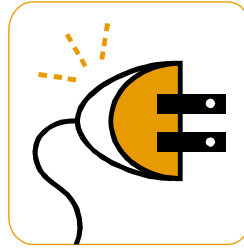


## Regular Nets Sponsored by PARC

DAY	TIME	FREQ.	NET NAME	NET MANAGER CONTACT INFORMATION
T/R/S	2000	146.730	NTS Traffic Net	Charles N6TEP <a href="mailto:cmiele@juno.com">cmiele@juno.com</a>
Sun	0830	146.730	ARES Sunday Net	Dennis K7DCG
Sun	2045	147.075	MARA ES	Glenn Jones <a href="mailto:KG6JDF@amsat.org">KG6JDF@amsat.org</a>
Mon	1915	146.730	RACES Sub-Net	
Mon	2100	146.730	Microwave Net	Kerry B.
Tues	1900	147.130	Red Cross Net	Ted <a href="mailto:tthompson@sclarc.org">tthompson@sclarc.org</a>
Tues	2100	146.730	Off-Road Net	Jerry A. K6PFP <a href="mailto:jwak6pfp@cts.com">jwak6pfp@cts.com</a> Dick W. KA7AYT <a href="mailto:willimek@home.com">willimek@home.com</a>
Thurs	2100	146.730	Ham Help	<b>Manager Needed</b>
Friday	2100	146.730	Hiker's Net	Ed <a href="mailto:KF6DXX@juno.com">KF6DXX@juno.com</a> Glenn P. <a href="mailto:KE6ZLY@juno.com">KE6ZLY@juno.com</a>
Nightly	>2200	147.130	Facetious Group	

## PARC 2006 Board

President: Steve Early AD6VI (619) 461-2818 [AD6VI@cox.net](mailto:AD6VI@cox.net)  
 VP: Dennis Baca KD6TUJ (760) 722-0251 [KD6TUJ@amsat.org](mailto:KD6TUJ@amsat.org)  
 Secretary: Gary Kent W6GDK (858) 679-0578 [W6GDK@arrl.net](mailto:W6GDK@arrl.net)  
 Treasurer: Bob Birch KG6RGI [rbirch@cox.net](mailto:rbirch@cox.net)  
 Dir: Tom Martin KG6RCW  
 Dir: Mark Raptis KF6WTN (760) 749-4825 [KF6WTN@amsat.org](mailto:KF6WTN@amsat.org)  
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 Site Tech: Mike Doyle AB6QT (760) 742-1573 [AB6QT@amsat.org](mailto:AB6QT@amsat.org)



## FREE TUBES

Club Members ONLY! The PARC has a tube bank that includes many 6 & 12 volt receiving tubes (and some transmitting types) for use by club members to repair their own personal equipment. Not for commercial use or resale. If we have your requests, I will pre-check and deliver them to the next club meeting.

Contact

WB6IQS@amsat.org, -John

## Membership Report

New Members Joining PARC: W6ZZ, KB6CUT, N6XT, K6PFC, and Ray McNeil (no call yet) And one reinstatement (from 1997) We are presently sending out reminders to all those that let their membership expire in 2005. If you are reading this on the web, and get one of those reminders, PLEASE renew! In January we will print the e-mail address of record on the label instead of the expiration date. (A sneaky way of not admitting that I still have a Y2K problem with the database program the first month of the year!)

Al  
W6GNI

## About Us

Scope (USPS #076530) is published monthly by the Palomar Amateur Radio Club 1651 Mesa Verde Drive, Vista, CA 92084. Periodicals postage paid at Vista, CA 92085. Dues are \$18 per year or \$30 per year for a family. Dues include a subscription to Scope. Editor: Michelle Thompson W5NYV.

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

This month's General Meeting will be held on August 2nd, 2006 (the first Wednesday of each month) at the Carlsbad Safety Center. The meeting will be about Echolink. Talk-in on 146.730 MHz repeater. Meeting starts at 19:30. Ridesharing and coordinating for dinner beforehand often occurs on the repeater on Wednesday afternoons. Everyone is welcome!

The Palomar Amateur Radio Club serves the Amateur Radio community of San Diego County California with repeaters located on Palomar Mountain. The club has monthly meetings, Field Day festivities, an annual auction, and many other fun and interesting functions. All are welcome at our club meetings and on-the-air interactive radio nets which now feature discussion groups on hiking, sailing, microwave, off-roading, as well as traditional message traffic and emergency communications nets (RACES - ARES - MARA).

73 and hope to CU you on the air! -NN3V (past president of PARC)

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