

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

Reminders

Meeting Sept 6

Mass Casualty Exercise
Sept 21

ARRL Southwestern Division
Conference Sept 22-24

Simplex Mapping Sept 23

PARC Auction Oct 4

California QSO Party at the
Field Day site Oct 7-8

Emergency Preparedness
Fair Oct 14



Individual Highlights

Red Cross Needs You Simplex Mapping	2
Club Classified Ads	3
Chairpersons, Contests, and Repeater info	4
Puzzle, Fold and Staple	5
KI6FDN Operational PARC by Email	6
License and Class info	7
Annual Picnic Photos	8
Nets, Board, Reports	9
About Us, Next Meeting	10



President's Letter

I would like to thank Harry Hodges, W6YOO, for stepping in for our August Meeting Program on DX. I enjoyed it. I learned a lot and suspect that many others did as well. EchoLink was our scheduled program. However, our presenter, Charlie Ristorcelli, NN3V, like myself, has an employer that expects him to travel on short notice. Personally, I am looking forward to Charlie's EchoLink presentation at a future PARC Meeting.

The September 6th presentation will be on RF Safety and will be presented by Tom Storer, KI6DER. Tom is the Radio

Frequency Safety Officer at Miramar Marine Corp Air Station. While many of us studied a little bit about RF Exposure while obtaining our licenses, I suspect that Tom will give us a whole new perspective and appreciation for the concept of RF Safety.

The 2006 Southwestern Division Convention will be held in Mission Valley on September 22nd, 23rd and 24th. This annual event lands in San Diego only every fourth year. Please see www.sandarc-conv2006.org for more information on volunteering at the convention.

It is also time to begin considering nominations for next years PARC Leadership. Club Officer Nominations and Elections are just around the corner. PARC programs depend

upon the membership to function well and to maintain relevance to the amateur community. Please consider running for our offices and helping to lead the club to continued prosperity. I would like to thank our Webmaster, Paul Williamson, KB5MU, for adding an on-line Survey feature to the PARC web site, www.palomararc.org. This is part our ongoing effort to better serve the club. Finally, I would like to thank Michelle Thompson, W5NYV, for once again taking on the task of editing the Scope. Michelle has been juggling a career, a growing family and PARC. Her efforts are greatly appreciated.

See you on September 6th, at 7:30PM, in the Carlsbad Safety Center.

-Steve Early
President, PARC

KF6BFI, and the Need for Platelets

Many of you may remember Captain Ted Wilcox. KF6BFI was very active on the ham radio repeaters here in San Diego until he contracted leukemia in 2003. After a long uphill battle that lasted until September 2004, he finally completed his bone marrow transplant and was pronounced cured. Although he's been a member of the ham radio club and on the repeaters ever sense in a lesser capacity, he now spends most of his off hours fighting for a cure to leukemia. So, it is with great

regret that I must inform you that our friend KF6BFI is back in the hospital with leukemia again. He is now going through all of the chemotherapy procedures again and the outcome is still uncertain. I will include an update next month in the Scope. The one thing that we can all do to help was pointed out the first night he went to the hospital. The doctor looked at his blood cell counts and immediately prescribed an infusion of platelets. But, there were none to be found. There were no platelets available for Ted.

As a result, he went without. Anyone can donate platelets regardless of their blood type. Of course whole blood can always be used also. It seems to be ingrained in the nature of hams the desire to help their fellow man. This appears to be one more case where we can step up and make ourselves known.

If you can, please consider donating blood or platelets.

-Mark Raptis
Director, PARC

Simplex Mapping

The Mercury Amateur Radio Association (MARA), with PARC's permission, will conduct its semi-annual Simplex Mapping Exercise on the 147.075 repeater from approximately 8:00 am to 11:00 am on the morning of Saturday, September 23, 2006. The purpose of this exercise is to map simplex connectivity around San Diego County, in the event a repeater fails during an emergency.

First, you have operators stand by at places that your organization is likely to use during an emergency. Second, you establish a Roll Call Net on the repeater, in which these operators will participate. Third, the net control operator directs each participant (one at a time) to pass the following information through the repeater:

- 1) Call sign
- 2) Approximate location
- 3) Antenna Type (5/8 Mag-mount, Rubber Duck, etc.)
- 4) Transmitter Power Output (5 watts, 40 watts, etc.)
- 5) A "ten-count" (1, 2, 3...9, 10)

Fourth, each of the listening stations records the transmitting stations call-sign, as heard through the repeater, then

See sidebar page 7

PARC Members Needed in Red Cross

By Ted Thompson,
Response Technology
Manager

The American Red Cross relies on volunteers to help us with our mission of providing care and comfort to those in need.

The Palomar Amateur Radio Club has been among the strongest supporters of the San Diego/Imperial Counties Chapter's mission to make our region "America's most prepared communities." The Club's repeater hosts our weekly Net broadcast every Tuesday evening at 7 p.m. Many members are active participants in Red Cross disaster preparedness activities and disaster response training.

As the Response Technology Manager for the San Diego/Imperial Counties Chapter, volunteers trained in the highly technical disciplines including amateur radio operations are critically needed in times of emergency, yet difficult to secure on a moment's notice.

With a long hurricane season predicted for 2006, and a typical hot summer ahead in San Diego and Imperial Counties, the need for disaster relief volunteers is expected to be higher than ever. To ensure the Red Cross can meet the need for disaster relief whenever and wherever help is needed, the San Diego/Imperial Counties

Chapter is recruiting communications volunteers for disaster assistance within San Diego and Imperial Counties, California and Hawaii, and nationally for large disaster such as hurricanes.

When all other forms of communication have collapsed or are overloaded, amateur radio is still the best, most reliable form of message transmission.

Our Communications Committee has worked

to the hurricane affected areas this past year were members of DSHR. You can also volunteer your time just in San Diego County. You must meet basic criteria, which includes completing an enrollment application, health screening, required background check and taking basic disaster training classes according to your skills and interests. "Trained volunteers are the backbone of Red Cross disaster preparedness," said Chapter CEO Jeff Wiemann.



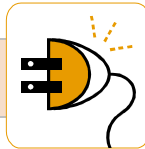
hard to develop our capacity, but we are still short of the trained and knowledgeable personnel we need to effectively serve our community in a time of critical need.

For PARC members to participate, you must be a member of the nationwide Red Cross Disaster Services Human Resources (DSHR) system in order to volunteer your time working within the Red Cross.

All volunteers that deployed from San Diego

"They commit to training and drills, and we count on their field experience to make critical decisions about service delivery during an emergency.

We hope more will join us for the challenging year ahead, especially in critical technical fields such as amateur radio operations," added Wiemann.



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.

(8.27) MFJ-1664 Manual Screwdriver Antenna, continuously adjustable covering 80 through 6-meters including WARC. Antenna is in its original box and has never been used. Includes both the 10 ft and 4.5 ft telescoping whips. For full specs and various reviews Google "MFJ-1664". Price \$70. Contact: N6FN - Bernie at 760-781-5522 or email at n6fn@niftyaccessories.com

(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.

(5.24) For sale: For Sale: 40 foot, 4 section light duty tower with KLM KT – 34 Tri-bander. Comes with a HAM II rotator and controller, Two runs of RG-8 @ 100 feet ea. \$300 takes it all and you take it down. Tower is NOT in cement. Easy take down. Larry WQ6V. Contact person Bob Layton (760) 726 – 1706 Vista area.

(5.24) For sale: Collins gray plastic XTAL. Pack is in new mint condition. XTALS. Have mint factory shine. Pack comes with the Collins TW-380 xtal puller - New factory smell - All XTALS. (less the 12 normal issue in the rig.) 114 XTALS. Total in the pack 3.8 MHz. to 30.0 MHz \$375 (that's about \$3.28 per xtal.) Larry WQ6V wq6v@aol.com (760) 723 – 9912

(5.24) For sale: HIGH SIERRA H.F. Antenna, "platinum package" New in the box with all equipment, mounting bracket and the 6 foot whip. \$375. Larry WQ6V wq6v@aol.com (760) 723-9912

HAM RADIO OUTLET

H
R
O

Tom KM6K
Ron N6OMW
Jose XE2SJB
Bob KA6EKT

KENWOOD
rf CONCEPTS
DIAMOND
US TOWERS
KANTRONICS
YAESU, MFJ, ICOM
BENCHER, Inc.
HUSTLER
COMET
AMERITRON

Astron,
AEA,
OUTBACKER
Larsen Antennas
TEN-TEC
Hy-gain, Tri-EX,
Cushcraft And Others
too
Numerous to
Mention!

Drop in to see our display of working equipment. Find out about Pkt location determining equipment (APRS). Check our complete line of magazines, ARRL books, license manuals, and Bulletin Board with all sorts of Goodies listed.

Open: 10a.m. – 5:30p.m.
Monday thru Saturday
858 560-4900
or toll free 1-800-854-6046

*Ask about our
great prices*

Directions: On 163, take **Clairemont Mesa Blvd.** off ramp to East. Stay in right-hand lane. Turn right at stoplight. As you are turning right you can see our beams in this shopping center. Travel 100 yds. On Kearny Villa Rd. and U-turn back to shopping area and HRO sign. Be sure to see our equipment in action on **real** antennas!

Committee Chairpersons

ARES Info	Tony	KC6YSP
ARES Net	Dennis S.	K7DCC@amsat.org
Attendance	Al	W6GNI@amsat.org
ATV	Art	KC6UQH@amsat.org
Auction	Tom M.	KG6RCW@amsat.org
Badges New	Al	W6GNI@amsat.org
Batteries	David	BK6EBYDAT@Gerry.Palomar.caltech.edu
BBS Monitor	Bill B.	N6FMK@amsat.org
Billing Ads/etc	Jo A.	KB6NMK@amsat.org
Contest Info	Dennis V.	N6KI@amsat.org
Control Ops	Filled	W6NWG@amsat.org
Del Mar Fair	Jim Cooper	NE6O@amsat.org
EmComm	Harry	W6YOO@amsat.org,
	Dennis V.	N6KI@amsat.org
Field Day Tech	John K.	WB6IQS@amsat.org
Inventory	Dennis B.	KD6TUJ@amsat.org
New Member	Christy M.	K16AOL
Nets	PARC	Board@palomararc.org
Newsletter	Michelle	W5NYV@amsat.org
Patch Info	Stan	W9FQN@amsat.org
Patch Electronics	Jerry H.	WB6FMT@amsat.org
Picnic	Mark R.	KF6WTN@amsat.org
Power AC/DC	Mike P.	K6MRP@amsat.org
Programs	Dennis B.	KD6TUJ@amsat.org
Publicity	Terry R.	K3PXX
QSL Cards	Harry H.	W6YOO@cox.net
RACES Info	Jo A.	KB6NMK@amsat.org
RED Flag	Steve	AD6VI@amsat.org
Repeater Site	Mike P.	K6MRP@amsat.org
Repeater Tech	Mike D.	AB6QT@amsat.org
SANDARC	Jin/Steve	NE6O/AD6VI
Seller Table	John K.	WB6IQS@amsat.org
Testing VE	Rusty	dunedancer@cox.net
Trustee	Mike D.	AB6QT@amsat.org
Web	Paul W.	www.palomararc.org

Contest Calendar

Sep 2	All Asian DX Contest, Phone
Sep 2	Russian RTTY WW Contest
Sep 2	Wake-Up! QRP Sprint
Sep 2	RSGB SSB Field Day
Sep 2	IARU Region 1 Field Day
Sep 2	AGCW Straight Key Party
Sep 3	DARC 10-Meter Digital Contest
Sep 3	MI QRP Labor Day CW Sprint
Sep 4	ARS Spartan Sprint
Sep 8	Int'l G3ZQS Memorial Straight Key Test
Sep 9	WAE DX Contest, SSB
Sep 9	Swiss HTC QRP Sprint
Sep 9	ARRL September VHF QSO Party
Sep 9	SOC Marathon Sprint
Sep 10	North American Sprint, CW
Sep 10	Tennessee QSO Party
Sep 10	ARCI End of Summer Digital Sprint
Sep 12	YLRL Howdy Days
Sep 15	FISTS Get Your Feet Wet Weekend
Sep 15	SARL VHF/UHF Contest
Sep 16	ARRL 10 GHz and UP Contest
Sep 16	Scandinavian Activity Contest, CW
Sep 16	South Carolina QSO Party
Sep 16	QRP Afield
Sep 16	Washington State Salmon Run
Sep 16	QCWA Fall QSO Party
Sep 17	North American Sprint, SSB
Sep 18	Run For The Bacon QRP Contest
Sep 18	144 MHz Fall Spring
Sep 21	NAQCC Straight Key/Bug Sprint
Sep 23	CQ WW DX Contest, RTTY
Sep 23	Scandinavian Activity Contest, SSB
Sep 23	Texas QSO Party
Sep 23	AGCW VHF/UHF Contest
Sep 24	UBA ON Contest, CW
Sep 25	Fall QRP Homebrewer Sprint
Sep 26	222 MHz Fall Sprint
Sep 30	CIS DX Contest
Sep 30	Arkansas QSO Party
Sep 30	FISTS Coast to Coast Contest

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 (Corvair/220 ARC), 446.140- WB6FMT (123.0) Vista

† under repair * 107.2 Hz PL Tone

Puzzle Corner Mass Casualty Exercise

"Nice New Jeep," said the Sergeant.

"It has some tall-rolling to do. We have 18,000 miles of driving ahead," said the Private.

These brand-new G.I. tires are rated to last exactly 12,000 miles in this desert terrain.

If we get full mileage out of each tire, how many spares would we need to carry us over the 18,000 miles?

Send in your calculation of the minimum number of tires needed for the journey to SCOPE@palomararc.org

As a result of the exemplary "We Can Do That" pro-active performance by ARES at the 2005 Miramar Air Show, ARES have just been invited to participate in the Miramar Mass Casualty Exercise on Thursday Sept 21st at 1700.

What makes this exercise different this year is that the Hospital EMS systems and Red Cross will also be activated in a Terrorism attack scenario.

Last year we used this as an exercise to test out our mobile communications center (RV) and hospital EMS connections in anticipation of the Miramar Air Show. We need to get our new RV act together for the show, so this will be a very good test.

Also this is an opportunity to activate Hospitals EMS and test out the Phone trees which should be working by then.

For more details of the Terrorism scenario look at:

http://www.sdgaes.org/miramar_mass_casualty_exercise.htm



We need a few new members for the Fold & Staple group that puts the SCOPE together each month. We meet on the last Wednesday of the month in Vista. A good social event, with many subjects to discuss.

If you can make a noon meeting on that Wednesday, please drop in at the "Membership" Table at the back of the room during a meeting, or send e-mail to Al Donlevy (w6gni@amsat.org)

Thanks, Al



RF PARTS Company

From MILLIWATTS to KILOWATTS

435 South Pacific St., San Marcos, CA 92078

RF POWER TRANSISTORS – TUBES – POWER MODULES

3-500ZG – 811A – 572B – 4-400A – 6146B & W – 8072 – 8560AS

3CX400A7 – 3CX1200A7/D7/Z7 – 3CX1500A7 – 3CX3000A7

4CX250B & R – 4CX400A

Complete Inventory for servicing Amateur and Commercial Communications Equipment

Transistors – Modules – Diodes – Relays – Trimmers – Capacitors

Heatsinks – Transformers – Chokes – Combiners – Wattmeters Books

Merit W6NQ – Gary K6CAQ – Steve K6NDG – Doug K6DRA – Rob WA6GYG

760-744-0700

An address to remember:

<http://www.rfparts.com/>

e-mail: rfp@rfparts.com

Send for your FREE 2005 Catalog or visit our website.

KI6FDN Operational

Palomar Mountain Volunteer Fire Department is now KI6FDN! It has been a busy time on top of ol' Palomar Mountain these last 6 months for the fire department and emergency crews. The great weekend weather has resulted in a considerable amount of motorcycle injuries, several spot fires on Nate Harrison and near the school at Doane Pond, and the seasonal maladies of altitude, low hydration and heat stress injuries.

In addition, we are training 30 firefighters, are working on interdepartmental communications with the County, State, CDF, and Forestry departments, are developing our County and Community Emergency Response plans and building new emergency infrastructure for the mountain.

New Evacuation plans are being drafted with the San Diego County Office of Emergency Services and San Diego Animal Services and the Humane Society are helping to establish safe zones for animal evacuations.

Our CERT program is funded and has begun with 15 selected community members working through the online FEMA CERT introduction for proper training in September. We built a new Emergency Communication Center within the Palomar Mountain Volunteer Fire Station on the mountain.

For this last initiative, I would like to make a request. The Communication Center will be the initial point of communication for a proper Incident Command in time of great emergency, and it is imperative that we have Amateur Radio communications in place and functioning to interface quickly to the Red Cross, ARES, RACES, and off-mountain in time of emergency. The station even has a new "FireCom" Club designation of KI6FDN.

So... we are looking for donations for old equipment, and any assistance you experts can offer. We would like to move the 800MHz RCS Antennas, 168MHz CDF Antennas and scanning antennas along with moving of the radios and installation of any new 'old' equipment. Michelle (W5NYV), Mike (AB6QT), Steve (AD6VI), and Donald (WD6FWE) have already been invaluable, and we are sincerely appreciative.

Specifically, we believe that we still need the following.

- Masts, and Directional Antennas of 2M or other frequency
- 2M, or other frequency Base/Mobile and HT units to match
- Old 2M repeater, or other frequency to match

I can be reached at anytime either by email, or by cell (below) and, of course, all donations to the Volunteer Fire Department are tax deductible. Sincere thanks for any assistance you can give us, and I look forward to meeting many of you.

Christopher Kusek, KI6EHE,
Palomar Mountain Auxiliary Fire Fighter,
PM CERT Chairman,
PM VFD FireCom Trustee (KI6FDN)
714-925-2577,
kckusek@hotmail.com

PARC by Email

Subscribe to SCOPE via email

We have been publishing Scope in PDF form on the PARC web page for a while. Now we've made it easier for you to get the newsletter as soon as it becomes available. You can choose to have the PDF file emailed directly to you as soon as it becomes available, by subscribing to the Scope-PDF mailing list. Or, since the PDF file can be rather large, you can choose to get just a brief email notification whenever a new issue of Scope is posted to the web page, by subscribing to the Scope-notice mailing list. Either way, go to the PARC web page at <http://www.palomararc.org> and click on Newsletter to sign up.

If you find that the online Scope is all you need, you can opt to stop receiving the printed newsletter by mail. To do that, send a note to membership@palomararc.org and let AI know. Please include your callsign, name, and address. For each member who opts out of postal delivery, the club will save money on printing and postage.

Get a Meeting Reminder

Have trouble remembering about the club meeting? Want to get a reminder each month with the latest details about the meeting program? Subscribe to the Meeting-Remind mailing list. You can find this on the Contact Us page.

Need Help?

Most mailing list changes and settings can be handled online at <http://lists.palomararc.org/mailman/listinfo>.

If you run into any trouble with these mailing lists and need help, email webmaster@palomararc.org or kb5mu@amsat.org.

We hope these services will prove useful to you.
-Paul, KB5MU, PARC Webmaster



Wondering what the club was up to on a beautiful August afternoon? Attending the annual picnic, that's what! Photo by W5NYV

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.

☑ 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.

☑ "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 or via regular mail to ARRL CCE, 225 Main Street, Newington, CT 06111.



2006 PARC Picnic photos by KB5MU. Look at those prizes! That food! Don't you wish you'd been there too?

Continued from sidebar on page 2

switches to the repeater input frequency. The listening station records signal quality, if any, then returns to the repeater output frequency and waits for the next participant to transmit. Note: it is best to turn the squelch off for this exercise, so that you might hear weak stations.

Fifth, the net control operator records all of the data passed of the repeater (call, location, antenna, power,) in addition to what the net control hears on the repeater input. At the conclusion of this roll call, the net control asks for any needed information fills or re-transmission.

Sixth, after the on-air exercise is concluded, all participants send or deliver their recorded data to a single person. That single person is responsible for collating and distributing the finished data to all participants.

The benefit of using a repeater for this exercise is timing. Everyone gets to hear each transmission begin and end, by listening to the repeater output.

The reason for collecting antenna type and power output is to determine if a 50 watts rig and gain antenna is necessary, or if a handheld and rubber duck will do.

This type of exercise can benefit any EmComm or special event organization that regularly uses a repeater.

IMPULSE Electronics
(760) 747-5277 – (866) 747-5277
www.impulseelectronics.com
**Your Connection for
Emergency Power Solutions**

Power Products

Power Pole Connectors – Power Cables – Tools
AGM Batteries – Red/Black Zip Cord 14 – 8 GA

West Mountain Products

RIGrunner – RIGblaster – Accessories
PWRgates – Computerized Battery Analyzer
Coax Cable – Coax Assemblies – Adapters
Terminals – Coax Connectors – Battery
Chargers – Battery Accessories
Email sales@impulseelectronics.com

NiCd Lady Company

Grace Lloyd
N6WPA

grace@nicdlady.com

www.nicdlady.com

Custom Assembly • Rebuilds • Batteries
• Lead Acids • Replacement Packs

20585 Camino Del Sol • Unit B
Riverside, CA 92508
800/906-6423
951/653-8868
Fax 951/653-5189

Your Complete Battery Source



The Mercury Amateur Radio Association would like to invite all Amateur Radio Operators, their friends, and their families to visit the MARA display at the **Emergency Preparedness Fair** hosted by the Del Mar Stake of the Church of Jesus Christ of Latter-Day Saints, 1444 Lake Drive, Cardiff, Ca 92007 on (Saturday) October 14, 2006.

The fair will be open from 10 am until 3 pm. Various agencies will be present to answer your questions and provide valuable life-saving information all in one location.

In addition to MARA, other agencies or groups present include: The Red Cross Bloodmobile, the San Diego County Office of Emergency Services, the Consumer Education & Outreach Bureau of the California Department of Insurance, the Encinitas Fire Department, the Encinitas Community Emergency Response Team (CERT), County of San Diego Animal Services, Olivenhain Water District, San Diego Medical Services Enterprises (SDMSE....our paramedic/ambulance service), Master Gardeners, and the Solana Center for Environmental Innovation.

For more information, please contact Mickey Cross at

mickeykc@juno.com



Preparing the grill with... what is that they're holding? Photo by KB5MU.



PARC President Steve Early, AD6VI, draws the final ticket in the prize drawing at the PARC annual picnic. Photo by W5NYV



Pat, WA6MHZ, basks in the warmth of late afternoon crepuscular rays. This year's picnic was held at San Dieguito Park. Photo by W5NYV



Preston, W6ASP, shares a few stories right before dinner at the Picnic. Photo by W5NYV



Al, W6GNI, has all the prize tickets for the drawing in that green can. Photo by W5NYV

PALOMAR ENGINEERS

Box 462222, Escondido, CA 92046

TOROID CORES

Palomar stocks a wide variety of cores and beads. Our RFI Tip Sheet is free on request.

Our RFI kit keeps RF out of your telephones, TVs, stereo, etc. **Model RFI-4 \$25 +tax+\$8 to ship.**

BALUN KITS

Ferrites slip over coax. Shrink tubing holds them in place. Works from 3.5-60 MHz (Use two kits for 160m).

Model BA-58 (for RG58, RG8X & similar cables up to 1/4" dia. \$8.50+tax+\$8 S&H/order

Model BA-8 (for RG-8, RG-213, 9913 and similar cables up to 1/2" dia. \$16.50+tax+\$8 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+\$8 S&H

See catalog at www.Palomar-Engineers.com

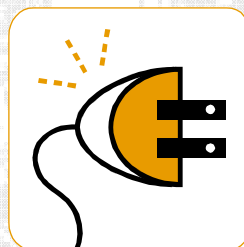
Please check our complete ads in **QST**, **CQ**, and **World Radio** magazines.

Regular Nets Sponsored by PARC

DAY	TIME	FREQ.	NET NAME	NET MANAGER CONTACT INFORMATION
T/R/S	2000	146.730	NTS Traffic Net	Marvin KD6YJB kd6yjb@arrl.net
Sun	0830	146.730	ARES Sunday Net	Dennis K7DCG
Sun	2045	147.075	MARA ES	Glenn Jones KG6JDF@amsat.org
Mon	1915	146.730	RACES Sub-Net	
Mon	2100	146.730	Microwave Net	Kerry B.
Tues	1900	147.130	Red Cross Net	Ted tthompdson@sdark.org
Tues	2100	146.730	Off-Road Net	Jerry A. K6PFP jwak6pfp@cts.com
				Dick W. KA7AYT rwillimek@home.com
Thurs	2100	146.730	Ham Help	Manager Needed
Friday	2100	146.730	Hiker's Net	Ed KF6DXX@juno.com
				Glenn P. KE6ZLY@juno.com
Nightly	>2200	147.130	Facetious Group	

PARC 2006 Board

President: Steve Early AD6VI (619) 461-2818 AD6VI@cox.net
 VP: Dennis Baca KD6TUJ (760) 722-0251 KD6TUJ@amsat.org
 Secretary: Gary Kent W6GDK (858) 679-0578 W6GDK@arrl.net
 Treasurer: Bob Birch KG6RGI rrbirch@cox.net
 Dir: Tom Martin KG6RCW
 Dir: Mark Raptis KF6WTN (760) 749-4825 KF6WTN@amsat.org
 Site Management: Mike Pennington K6MRP K6MRP@amsat.org
 Membership: Al Donlevy W6GNI (760) 630-3096 W6GNI@amsat.org
 Site Tech: Mike Doyle AB6QT (760) 742-1573 AB6QT@amsat.org



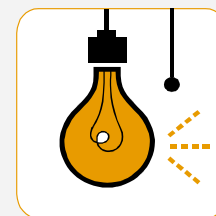
Club Reports

August Meeting Goodie Givers KG6RCW Tom, KD6YJB Marvin

Fold and Staple Crew KR6BT Merle, W6YOO Harry, W6JAC Jerry, W6GNI Al, KB6YHZ Art, KB6NMK Jo & Tyler & Matthew

Membership Report New Members Joining PARC: KI6DIZ, KI6EHE, KI6EHF, KD6IDE, KI6EHG, K6DEX, W6AEN, Thank you! Just a reminder, according to the bylaws, everyone starts all over again collecting "Participation Points", starting July 1, 2006. Those that attended the picnic picked up a point for this year (2006 - 2007). Please be sure to check your SCOPE mailing label each month. Avoid the dreaded red "Last Issue" on your label. "Last Issue" means your membership expires in a few days, OR has expired as you received the SCOPE in the mail.

We get a number of new members that download the membership application form from the club web site. This is great, and the web site is a good way to tell potential members about the club. Do you know our web address? Palomararc.org Think - Palomar A-mateur R-adio C-lub dot 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

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
 Questions? Ideas? Comments? W6NWG@amsat.org

This month's General Meeting will be held on September 6th, 2006 (the first Wednesday of each month) at the Carlsbad Safety Center. The meeting will be about RF Safety, 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)

SCOPE
P.O.BOX 73
VISTA, CA 92085-0073

Address service requested

PERIODICALS
 US POSTAGE
 PAID
 AT VISTA CA
 92085-9998



We're on the Web!
www.palomararc.org

Read Scope online!
www.palomararc.org/news.htm

Email meeting reminders!
www.palomararc.org/remind.htm

