



December Club Events

Treasurer's Report for November 2005

Assets

Cash and Bank Accounts

BoA checking	1,602.40	CD	2,755.64
CD	3,479.29	CD	2,911.02
CD	2,403.71	Post office	99.10

Savings SDCCU 50.00

Total Assets 13,301.16

Liabilities & Equity

Pre-Paid Dues	6,396.00	Property Ins.	2,400.00
Total Liabilities	8,796.00	Equity	4,505.16

Total Liabilities & Equity 13,301.16

November Program Review

Marvin Munster presented November's program, Go-Kits and Emergency Power. Marvin organizes emergency go kits into three major categories depending on how long you have to sustain yourself in the field. The briefcase-sized short-term kit, the gym bag or large-box-sized 72-hour emergency kit, and the largest category of kit for longer service, which could occupy most of a car or truck, were described. The exact contents of the kits were not strictly defined, due to the differing needs of the served agencies,

continued on page 2

INSIDE THIS ISSUE

- 2 San Diego 100 Endurance Run Report by KA6DUH
- 3 Contest Calendar and Morse Code Wristwatch
- 5 Repeater and License Info, Work Party photos
- 7 Club Classified Advertisements Page
- 9 'Digging Into the Past' by WA6MHZ

President's Message

Steve Early AD6VI

PARC President 2005

December (and our concept of winter) is upon us, which means that it is time for the PARC Christmas Social and Annual Meeting (err, elections...).

Most of us arrive thinking about new equipment and opportunities to get it on the air in the New Year. This Social is an opportunity to meet the faces that accompany the voices we often hear on the air.

It is also an opportunity to meet with the club's new leadership and tell us what you think we can do to move PARC forward over the next year.

Please consider service to the club and the amateur community in such events as Field Day and the annual auction.

See you at the Carlsbad Safety Center on December 7th.

Please bring a friend.*

<http://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.

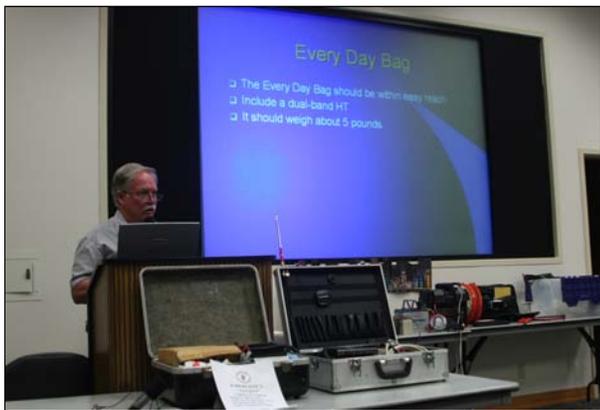
The site gets well over 1,000 hits a day. Readers from 127 countries have visited www.ac6v.com. It's been in operation since 1997 and is highly praised by visitors.

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!

Continued from page 1

geographical areas, and types of disasters that amateur radio finds itself confronted with. Therefore, a method of developing a collection of go kits was presented, rather than a laundry list of what to take.

The second part of the program presented power supply options and charging methods. Providing power is a key component of any emergency operation. Without power, very little can be done with radios. Photos by W5NYV. ✨



Above: Marvin's presentation in progress.



Above: example go-kits. Contents, cases demonstrated.

San Diego 100 Mile Endurance Run

Dennis Peck, KA6DUH
ARES, Escondido A.E.C.

I want to thank all the participants in the San Diego 100 Mile Endurance Run this past weekend, October 22/23, in the Cleveland National Forest. The run took place on the Pacific Crest Trail between Lake Morena and Banner Grade Store. We had terrific Amateur Radio participation, a very successful event and dare I say that a good time was had by all. Compared to past years the weather was very kind.

We had the following 30 hams participating: (in no particular order)

KG6RAS, KG6ZLX, K1CT, KB9WFS, KG6WNW, KG6NDX, N6LWL, KF6RWF, N6SUB, KD6PZE, KC6YSO, KC6YSP, W6SST, K5WFW, KF6NXY, W6HME, AK6QJ, WD6FWE, KG6TUK, W6GDK, KG6GUQ, KG6NNU, KN6BN, KG6JCW, KA6DUH, W6WYN, KO6BU, WA6JUS, KI6ASP, KD6OZL.

We supplied 19 radio station shifts to 10 locations across a 50-mile course. Two radio teams took double shifts! There were 284 person-hours of scheduled operator time or 7.1 person-weeks packed into 36 hours. Plus more time than I can account for in preparation, travel, arriving early, staying later, etc.



Pictured at left is Roger Baldwin, KG6RAS. Photo by Dennis Peck.

This year's SD100 had some very fast runners. Sixty-one runners left the starting line at 0600 Saturday morning. The first finisher arrived 17 hours and 24 minutes later! The second arrived at 17:42 (elapsed) and the third at 17:52 (elapsed), (the fourth was three hours later). This speed caused some anxious moments in getting several aid stations set up ahead of the runners. Thirty-nine runners finished and there were no serious injuries, and the last runner came in around 1230hrs Sunday.

The Race Director and staff appreciated our contribution to the event very much and look forward to our assistance next year. -Dennis Peck, KA6DUH



Pictured at left, from left to right, are Don Compton, KG6NDX and Don Johnson, WD6FWE volunteering at the San Diego 100 Endurance Run. Photo by Dennis Peck.

SCOPE CHALLENGE

November's puzzle (Page 9 CQ Pumpkins) was solved by Sam N6SD (in 20 minutes!)

Now you know what the puzzles might be like, here are the rules of the game. Hidden somewhere in this newsletter is a code. It has something to do with amateur radio, or amateur-radio-related activities. It could be numerical, literal, or symbolic. Crack the code correctly, and you will be credited in next month's SCOPE! Got a photo to submit for a Photo Challenge? Let us know! scope@palomararc.org ✱

CONTEST CALENDAR

Dec 2	ARRL 160 Meter Contest
Dec 3	TARA RTTY Melee
Dec 3	Wake-Up! QRP Sprint
Dec 10	ARRL 10-Meter Contest
Dec 11	CQC Great Colorado
Snowshoe Run	
Dec 16	Russian 160-Meter Contest
Dec 17	MDXA PSK Deathmarch
Dec 17	OK DX RTTY Contest
Dec 17	RAC Winter Contest
Dec 17	Croatian CW Contest
Dec 17	Stew Perry Topband Challenge
Dec 26	DARC Christmas Contest
Dec 31	Original QRP Contest

Although there are not a great many contests in the month of December, one finds CW, RTTY, PSK, SSB, and 10-Meters through 160-Meters. What more could one ask? Complete rules can be found in CQ, QST, NCJ and Worldradio magazines. Enjoy the Holidays and CU in the contest.

73, Harry/W6YOO. ✱

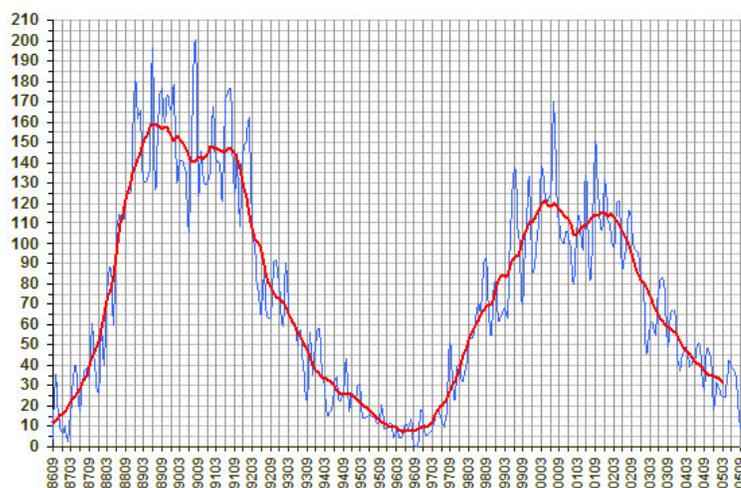


Left: N6KI holds up a prize possession at the November club meeting. Yes, that's a Morse code watch. Not only does it beep the time in Morse code, but it can flash it too! Photo by W5NYV.

SOLAR CYCLES AND WHY WE CARE

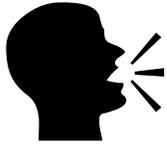
You've probably heard of the term 'sunspot cycle.' It's the 11 or 12 year-long cycle of sunspot activity that seems to either help or hurt our efforts at communicating with one another. What's the reason for this, and why do we care? Well, our current solar cycle, Cycle 23, started in May 1996. The expected minimum will be sometime during the second half of 2006. Look at the graph below. The numbers along the bottom are last two digits of the year followed by the month. 9603 would therefore be March 1996. If you follow the solid line that goes through the middle of the jumpy line, you can see the cyclic rise and fall as time goes by. This smoothed line is important to us. The numbers along the left vertical side are smoothed sunspot numbers (SSN).

Solar Cycles 22-23



An SSN is derived from the number of sunspots observed each day. The smoothed center line is the SSN value over time. Essentially, an SSN for a particular month is a moving or windowed average. SSN is calculated by averaging daily sunspot numbers for a desired month as well as the 5.5 months before and 5.5 months after the desired month. This means that the official SSN is about a half year behind the current month, and is essentially a 12-month moving average centered on the desired month. As you can see from the graph, the SSN provides a much nicer looking graph than the much more spiky graph of monthly averages. The SSN calculation provides filtered data. The relevance of SSN to amateur radio is quite direct. **High SSNs are better for high frequencies. Low SSNs are better for low frequencies.** The more sunspots that face the earth, the more ultraviolet radiation the earth receives from the sun. The F region of the atmosphere is ionized more strongly. Higher frequencies are more often refracted back to earth. When there are few sunspots, the ionosphere receives less ultraviolet, and is therefore less ionized. High frequencies pass through the ionosphere at a higher rate, however there is good news. I just saved a bunch of money... Just kidding! With a stable ionosphere, low frequency propagation is actually enhanced. -W5NYV

Solar cycle graphics are courtesy of Jan Alvestad.



NETS



Regular On-the-Air Nets sponsored by the Palomar Amateur Radio Club.

DAY	TIME	FREQ.	NET NAME	NET MANAGER CONTACT INFORMATION
T/R/S	2000	146.730	NTS Traffic Net	Charles N6TEP cmiele@juno.com
Sunday	0830	146.730	ARES Sunday Net	Dennis K7DCG
Sunday	1000	146.730	Sailor's Net (stay tuned)	
Sunday	2045	147.075	MARA ES	Glenn Jones KG6JDF@amsat.org
Monday	1915	146.730	RACES Sub-Net	
Monday	2100	146.730	Microwave Net	Kerry B.
Tuesday	1900	147.130	Red Cross Net	Ted tthompson@sarc.org
Tuesday	2100	146.730	Off-Road Net	Jerry A. K6PFP jwak6pfp@cts.com Dick W. KA7AYT rwillimek@home.com
Thursday	1930	147.075	Young Hams Net (inactive)	
Thursday	2100	146.730	Ham Help (need ops)	David D KC6YSO@amsat.org
Friday	2100	146.730	Hiker's Net	Ed KF6DXX@juno.com Glenn P. KE6ZLY@juno.com
Nightly	>2200	147.130	Facetious Group	
Saturday	2000	52.680	6Mtr Emergency Services Net (inactive)	

Other nets that might be of interest to the membership

DAY	TIME	FREQ.	NET NAME	NET MANAGER CONTACT INFORMATION
Mon-Fri	2000	28.340	10 Meter Net	Dennie WA9MTP

Net Participation Tracker – A convenient form for participating in PARC nets.

NET	DATE	NOTES

Repeater Information

PARC Trustee: AB6QT
 52.680 W6NWX -0.5 MHz
 Autopatches: 146.730-, 147.075+, *147.130+, *447.000-
 PKT: †145.050s (PALOMAR/W6NWX-1) 146.700-
 (Duplex Pkt) PALBBS/EMG use †145.070/146.700-
 (W6NWX-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+ N6FO (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



Above, framed pieces ready to go up on top of the freezer building. Wood was cut, framing accomplished, and the pieces all put together at the repeater site. KC6YSO in background.

License & 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 in the Fire Station at the Carlsbad Safety Center.

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 ccc@arrl.org or via regular mail to ARRL CCE, 225 Main Street, Newington, CT 06111. ✱



Above, the power upgrade work is in process. In this shot one can see the several cabinets that contain the equipment used to distribute power to the buildings at the site as well as trenches for conduit. At right, roof is constructed by Jim KF6RFW. Photos by W5NYV.



HAM RADIO

Tom KM6K
 Ron N6OMW
 Jose XE2SJB
 Bob KA6EKT

H
R
O

OUTLET

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

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.

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!

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

Fold and Staple Crew

Last Month's Fold & Staple Crew

WA5ACE Sonny, KB6NMK Jo, W6GNI
Al & Kathy, W6YOO Harry. Thank you
so much for your help!

Goodie Givers

October (Auction) - KG6RCW Tom,
KI6AOL Christy, K6ISS Fred, W6ASP
Preston, K6KAL Dick

November - KG6RCW Tom, KI6AOL
Christy, W6YOO Harry, K6ISS
Fred, N6UWW Ellen, WB6BFG Bill

Current Needs

Volunteers are needed for the
following club positions.

Billing Chair (handles billing for
advertisements in SCOPE).
Del Mar Fair participation Chair.
2006 Field Day Chair.
SCOPE editor.
Publicity Chair.
Ham Help Net Operators.
Assistant southwest division director.

We are actively seeking people for
these positions. If you or someone
you know has expressed interest in
getting more active in amateur radio,
these positions are excellent ways to
fulfill that wish!

Training is provided for all these
positions, and the time commitment
ranges from low to medium.

Some of the positions are irregular or
seasonal in schedule (Del Mar Fair),
and some of them are consistent in
schedule (newsletter, net operators).
Regardless of the type of position and
the time commitment required, each
and every volunteer opportunity is
greatly appreciated and makes our
club more successful. ✨

PARC 2005 Board

President: Steve Early AD6VI
(619) 461-2818 AD6VI@cox.net
VP: Dennis Baca KD6TUJ
(760) 722-0251 KD6TUJ@amsat.org
Sec: Paul Williamson KB5MU
(858) 571-8585 KB5MU@amsat.org
Treas: Jo Ashley KB6NMK
(760) 741-2560 KB6NMK@amsat.org
Dir: Tom Martin KG6RCW
Dir: Mark Raptis KF6WTN
(760) 749-4825 KF6WTN@amsat.org
Site Management:
Michelle Thompson W5NYV
(858) 350-7579 W5NYV@amsat.org
Membership: Al Donlevy W6GNI
(760) 630-3096 W6GNI@amsat.org
New Member:
Site Tech: Mike Doyle AB6QT
(760) 742-1573 AB6QT@amsat.org



KG6RCW, K6MRP work on power system.

FOR SALE: Hy Gain - Hy Tower 5 band (80
thru 10) vertical antenna. This is a
freestanding antenna that requires a 3-foot
square cement base. It has S.S. hardware. I'm
asking \$300.00 and you pick up in Fallbrook.
The first two sections break down into 10-foot
sections and the rest is tubular. **Call Dale
(W6IWO) at (760) 728-6800**

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.

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

FOR SALE

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.

(10.25) Tempo S-2 (220 Mhz) Handheld with SS32 PL & DTMF built in. With Chgr.

\$40.00. Galaxy Electronics Phone Patch PR-550, \$20.00. Texas Instrument TI-2000 Slim Line Laptop w/3.5 disc drive, 20 MB HD w/ac adaptor (ideal for Portable Packet). \$20.00, Epson C60 Ink Jet Printer, New/Unopened, \$40.00. Avenger 4000 Commercial Alarm System, w/8 PIR's, keypad, 2 sirens, 1 sonic, \$100.00 OBO, 13 Inch Sony Industrial Video Color monitor Model PVM-1390, \$30.00 OBO, International Audio/Video Color Processor w/ac adaptor \$30.00 OBO. 54" Oak Roll Top Desk, excellent Condx \$350.00, Sentry Fire Proof Combination Safe, \$50.00. Heath SWR Meter Model HM-102 (needs meter cover) \$10.00. IBM Clone Pentium II clone, 350 Mhz, 6 GB HD, \$50.00 OBO. 250 Laser Movies, \$7.00/ea List available, first come first served. Contact Dennis K7DCG 858-748-9046 or email K7DCG@aol.com

(9.13) Ham-friendly property FOR SALE. www.pettus.us

(9.12) FOR SALE Cubic Astro 150A fix or mobile 10-80m SSB 100w PEP with DS and Manual \$250.00. Kenwood

2m transceiver Model #TR-7330 5-25w w/auto patch mic MC-46, ARX 2m ant, manual \$150.00. Astro PS7A w/manual \$25.00. Cubex 4 el Quad 30' boom w/Quad arms, fiberglass spreaders, instruction manual \$100.00. Shure mic w/stand ptt \$20.00. Heathkit phone patch model #HD 15 w/manual \$25.00. Remote ant SW motor driven 6-position coax w/control box \$100.00 Dummy load 1kw +/- \$10.00. Fluke multimeter model #77 w/manual

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+\$6 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. \$7.50+tax+\$6 S&H/order

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

\$65.00. Brak-D-Lay for Hy-Gain rotor w/instructions \$15.00. Contact Kris W6KTE (760) 941-3555

(9.10) WANTED: for the Crest Radio Museum. BOATANCHORS!!! Also need a Heathkit SB-101/102, RX-1/TX-1, VF-1 and DX-100. Operating condx not a problem. Desperately need the following 2-meter radios to complete the collection: Icom IC-20, Trio TR-2E & TX-26, Sonar CD-2, WRL Techciever, Robert Dollar 2M, Kenwood TR-2300 & TR-7100, Tempo FMA Anyone have these and would like to part with them? Contact WA6MHZ at wa6mhz@arrl.org or Landline (619) 593-1111

(8.1) WTB a 40'+ pushup pole in good condition... Please contact me: cstein6@cox.net or (858)349-9919 Charles KG6VVM

(7.17) (1) Hy-Gain Dynamic Microphone Model #610 \$30.00 OBO.

(1) Realistic Stero AMP. Model #SA-10. \$15.00 OBO. (1) Frequency-Counter Model #711 115 VAC or 12 VDC \$35.00 OBO. Please call Bayard K6GAO (858) 755-5507. Thank you.

(7.15) Wanted: CQ Magazine for May 1959. Beg, Borrow, or Buy. Would consider entire year of '59 and possible older issues. Bob Byrnes KE6MTT email rbyrnes@pacbell.net

(6.27) 300 Laser Movies, email for a list, first come first sold, \$7.00/each. Contact Dennis K7DCG, (858)748-9046 or email K7DCG@AOL.com.

(6.25) FOR SALE (1) Uniden Bearcat Scanner Radio Base Model #BC890XLT with antenna and Power Supply for AC use. Asking \$100.00 OBO. FOR SALE (1) Uniden Bearcat Scanner Radio Model #BC760 XLT Mobile with antenna and 12 VDC Power Cord. Asking \$65.00 OBO. Please contact Bayard K6GAO at (858) 755-5507.

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	needed!	K6GVM@arrl.net
Contest Info	Dennis V.	N6KI@amsat.org
Control Ops	Filled	W6NWG@amsat.org
Del Mar Fair	needed!	
EmComm	Harry	W6YOO@amsat.org
	Dennis V.	N6KI@amsat.org
Field Day	needed!	
Field Day Tech	John K.	WB6IQS@amsat.org
Inventory	Dennis B.	KG6TUJ@amsat.org
New Member	filled!	TBA
Nets	PARC	Board@palomararc.org
Newsletter	needed!	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.	KG6TUJ@amsat.org
Publicity	needed!	
QSL Cards	needed!	
RACES Info	Jo A.	KB6NMK@amsat.org
RED Flag	Steve	AD6VI@amsat.org
Repeater Site	Michelle	W5NYV@amsat.org
Repeater Tech	Mike D.	AB6QT@amsat.org
SANDARC	Jin/Steve	NE6O/AD6VI
Seller Table	John K.	WB6IQS@amsat.org
Asst. SWD Dir	needed!	
Testing VE	Rusty	dunedancer@cox.net
Trustee	Mike D.	AB6QT@amsat.org
Web	Paul W.	www.palomararc.org

Membership Report from Al: No new members last month! And for the first time in years, we are slightly under 400 members. Hopefully more new members will join in 2006 than "expire" next year! -73 Al W6GNI

Repeater Site News

First and foremost, a big thank-you to all the wonderful people that have helped me take care of the repeater site over the past year. Without your help, we could not have achieved all that we did. The site meets or exceeds the new county fire code, has been cleaned up to the point where we've received many compliments, a steel storage container has been successfully installed and outfitted, antennas have been repaired and replaced, road improvements have been negotiated, and roof repairs and power upgrades are well under way. Thank you to everyone that has been supportive of these and other site efforts. You made the forward progress possible.

Mike Pennington K6MRP will be stepping in as Site Manager effective December 2005. Since he's already served the club in this position in the recent past, the club gains a qualified and experienced Site Manager for the future. -Michelle Thompson W5NYV *

☺ On October 18th the remaining autopatch boards were re-installed at the site.

☺ An October 22nd work party saw the first phase of work completed on the freezer building roof. Ken Easton, Mark KF6WTN, and Michelle W5NYV helped seal the existing roof and re-checked measurements for the construction party on November 5th.

☺ The November 5th work party dug trenches for the power system upgrade and work began on the new roof. Attending were KF6WTN +2 guests, N6EEG, KD6TUJ, KG6RCW, KI6QOL, KG6OMH, KF6RWF, nonmember guest **N0CALL**, KC6YSO, K6MRP, and W5NYV.

☺ The November 12th, 13th, and 15th work parties (K6MRP) continued the power system upgrade and (KF6RWF) additional roofing work at the site. Thank you!



Digging Into the Past

By WA6MHZ

It was a lazy Sunday afternoon. I had just returned from Church and breakfast, and was looking for something to occupy the rest of the day. Little did I know an Adventure of Epic Proportions was before me! Monitoring the W6NWX .73 repeater, I heard Don WD6FWE frantically calling for help. He needed a Pickup truck ASAP! Having only a Town Car, I could not help, but as I listened, the situation grew incredibly intriguing. It seems he was at a house where there was MOUNTAINS of Electronic junk, just for the taking. THAT sure perked my ears up. FREE is good! But it was way up in Rancho Santa Fe; probably 50 miles distant. Then Don said the MAGIC word: HEATHKIT! I jumped out of my chair and dashed to the Town Car. Good thing the CHPs weren't watching, as I did 90 most of the way!

Arriving at the site, it appeared to be an ordinary house. There was a granny flat to the side. But walking in showed the place was completely trashed. As I learned, a retired Electrical Engineer used to live here, and died about 10 years ago. The house was vacant and had been trashed. Everything was thrown about. Things were smashed and scattered. I advanced towards the back where the granny flat was. That was the location of the Electronics shop. It was worse than ever. Everything had been tossed about, littering the floor to the tune of over a foot deep! Rat droppings were everywhere; it was the most miserable place I have ever seen! But there was the Equipment and parts, scattered amongst the debris. We only had a few hours before dark. The next day, the BULLDOZERS were coming to level the place and all its contents. Don and I began to dig. He had already scored some magnificent Darkroom equipment. I was interested in the Heathkits, and manuals. There was a whole file cabinet full of those, which I promptly took into protective custody.

Don beat me to a genuine Model T spark coil! I couldn't talk him out of it no matter what, as that would be a prized item for the Crest Radio Museum! I found a 1962 Heath IM-30 Transistor tester, just like the one I had bid for and won on Ebay 2 days ago. OK, guess I will have 2 now. No manual for it, though. I desperately needed that but there was no sign of it anywhere. The debris was just too deep and it was getting darker. All I had was my little mini Maglite to shine on the mess. And I sure didn't want to run into a ferocious Black

Widow! We waded through the broken glass and paper remnants, and there was another prize, a WW2 Remington Typewriter! I nailed that! We dug deeper in the electronics space and uncovered more Heathkits. No sign of any Ham equipment, but lots of test equipment. I abandoned most of it as the shadows began to choke the light. Just as we were ready to leave the room, I spied a shabby box with a Heathkit label. Could it be? YES! An UNBUILT Heathkit IP-20 power supply. Those who do Ebay know these are worth HUNDREDS of dollars! I carried that out like a football for a touchdown! But there was more! This was the greatest Treasure hunt of my life, and it was all I could carry!

The Towncar was filled to the brim with finds of a lifetime. There was so much more left there. Darkness grew deadly, and even the foolhardy would not be caught in there after dark. The Black Widows were massing for a KILL! We scurried out to safety, happy to have scored what we could. I would peruse the take in days to come. Some things were so valuable Bill Gates couldn't afford to buy them from me!

But late that night, I was HAUNTED! Yes, it was almost as if I had seen a Prophecy. Would this be what it is like 20 years from now when Treasure hunters break down the doors to get into the Crest Radio Museum? I could see my future as I lay awake, sweating. Yes, I would be repeating history. I know not this man, a brilliant engineer who was a worse Packrat than I. We only scored the top of the treasure trove. The rest is now on the way to the Landfill, never to be seen again. I KNOW there must have been money there too. It could have been THOUSANDS! Somewhere, stashed in an old can or jar, were wads and wads of bills. We just couldn't find them in time. They are also headed to the Dump.

What other treasures were lost? Maybe, under that pile of rubbish, was a Sonar CD-2 2 meter AM. Or a McMurdo Silver model 700? It was there. I could just feel it! Treasures so incredible man cannot comprehend their value! We were walking right over it. If ONLY we had more time! Cruel Cruel clock!

WOW! That was a day to remember for a Lifetime! Some Ham may be as fortunate to enjoy the dig in 2026 on the Haunted Crest Radio Museum. Yes, there will be wild finds there too. I should know. And maybe it will be YOU who finds them! ✨

Palomar Amateur Radio Club
P.O.Box 73
Vista, CA 92085-0073

PERIODICALS
US POSTAGE
PAID
AT VISTA CA
92085-9998

ADDRESS SERVICE REQUESTED



We're on the web! Find us at www.palomararc.org. See the newsletter in COLOR! Check out sets of PHOTOS!

About our Newsletter

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

About our Organization

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

Meeting Location and Time

This month's General Meeting will be held on December 7, 2005 (the first Wednesday of each month) at the Carlsbad Safety Center. Talk-in on 146.730 MHz repeater. This month will feature our annual holiday social. Meeting starts at 19:30. Ridesharing and coordinating for dinner beforehand often occurs on the repeater on Wednesday afternoons. Everyone is welcome!