

Club Reports

June Meeting Goodie Givers

KG6RCW Tom
KG6JEI Conrad

Fold and Staple Crew

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

Membership Report

New Members Joining PARC in March: KI6BUP

And 23 members reinstated their membership (That "expired" in 2005). April: KI6CSZ, KI6DER, KI6BXU, and Derek Gregg (No call yet) And 7 members reinstated their membership (That "expired" in 2005).

May: KI6DKL, KI6DKP, KI6DJB, N6TWO, KE6NWM.

June: W6DM, W6IBF, and AB6OK

And we had 3 "old" members reinstate their membership.
Welcome back!

Be sure to check your label next issue, your "participation points" will be printed there. Zero's are not printed. Come to the monthly club meeting, get 1 point, bring something for the Goodie Table,

Continued left-hand column page 2

President's Address

Steve Early AD6VI

President, Palomar Amateur Radio Club, Inc 2006

June was busy! First we had our General Meeting, regarding Field Day. Then the San Diego County Fair at Del Mar started (it's still going on). Finally Field Day...At this writing, many of us are still recovering from another successful Field Day.

We held it right next to State Route 78 in San Marcos again. We had around 20 visitors that came in off the freeway, just wondering what we were doing. Altogether, we had 90 to 100 participants from Friday afternoon through Sunday. Final numbers will be announced next month. The only downside of this Field Day was the knowledge that we must find another site for next year.

The July meeting program will be on the PARC Repeater Site. John Kuivinen (WB6IQS) will provide the program.

Looking down the road, The PARC picnic is coming up in August and the PARC Auction in October. These are accompanied by the ARRL Southwestern Division Convention (in Mission Valley) in September.

-Steve Early, AD6VI



Above: Cris and Dennis check out an antenna at Field Day.

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get another. Field day is a great way to earn points, setup, operate, help, tear down, etc. Be sure to sign the sign in sheets! Participation points are exchangeable for prize drawing tickets at the Annual Club Picnic. (Max 20 tickets per person. Several have 20 or more points already!) 2006 Field day points have not been added - yet. -Al W6GNI

Repeater Site Report for June 10th, 2006

Al Donlevy W6GNI & Julie, Frank Robbins AB6OK, Ralph Smith AE6SV & Steve, Steve Early AD6Vi and Ben, Conrad Lara KH6JEI, Terry Runyon K3PXX, Jo Ashley KB6NMK

A number of us visited the site to clear foliage for Fire Mitigation. All the big pieces of debris were reduced to workable size and about half of the foliage that needed shredding, was shredded. A big thanks to Al Donlevy (W6GNI), Julie Donlevy, Ralph Smith (AE6SV), Steve Smith, Jo Ashley (KB6NMK), Terry Runyon (K3PXX), Conrad Lara (KG6JEI), Ben Early and Frank Robbins (AB6OK). Thank you to Paul Williamson, KB5MU, for the use of his chipper. Another Work Party will be held in July, weather conditions permitting.



CONTEST CALENDAR

Jul 1	RAC Canada Day Contest
Jul 1	Venezuelan Ind Day Contest
Jul 1	DL-DX RTTY Contest
Jul 1	Original QRP Contest
Jul 2	DARC 10m Digital Contest
Jul 3	RSGB 80m Club Championship, CW
Jul 4	ARS Spartan Sprint
Jul 4	MI QRP July 4th Spring Sprint
Jul 8	VK/Trans Tasman 160m Contest, SSB
Jul 8	IARU HF World Championship
Jul 8	FISTS Summer Sprint
Jul 9	Six Club Contest
Jul 9	ARCI Summer Homebrew Sprint
Jul 12	RSGB 80m Club Championship, SSB
Jul 14	Thursday NCCC Sprint Ladder
Jul 15	CQ WW VHF Contest
Jul 15	North American QSO Party, RTTY
Jul 16	RSGB Low Power Field Day
Jul 17	Run For The Bacon QRP Contest
Jul 20	NAQCC Straight Key/Bug Sprint
Jul 20	RSGB 80m Club Championship, Data
Jul 21	Thursday NCCC Sprint Ladder
Jul 22	VK/Trans/Tasman 160m Contest, CW
Jul 29	RSGB IOTA Contest
Jul 30	ARS Flight of the Bumblebees

A plethora of modes this month: CW, SSB, RTTY and HF through VHF. Something for everyone. For island chasers there is the IOTA contest which is always a lot of fun. Complete rules may be found on the web or in QST, CQ, NCJ and Worldradio magazines. CU in the Contest.

73, Harry

Another Successful Field Day

I would like to take a few minutes to thanks several of those that provided another successful Field Day for PARC. I know I will miss a few of the key players, but that is only because there were so many that I could not track them all.

First, Dennis Baca (KD6TJ), who arranges the site and maintains the majority of PARC Field Day Equipment, year-round. Next, Paul Dorey (WN6K) who pulled another serious shift at the 20/80M CW station. Then Dennis Vernacchia, who went above and beyond the call of duty by not only captaining the 15/40M CW station, but recruiting John Barcroft (K6AM) and Juan Delgado (W6NOW) to run the 15/20/40/80M SSB superstation. John Barcroft, in turn, recruited Bob Brehm (AK6R) for the use of his killer antenna trailer. Brian Comer (KF6C) provided shelter, power and just about everything else for the VHF and GOTA stations. Nick Prodanovich (AD6UK) provided Solar Panels and batteries. Jim Cooper (NE6O) provided the QRP Station, Preston Butler provided the 15/40M CW Shelter. Art McBride (KC6UQH) provided the Amateur Satellite and Amateur Television Stations. Tom Storer (KI6DER) and Dalene Early (KG6GQT) staffed the Road Kill Café.

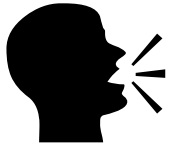
A special thanks goes to Joe Griffith (KI6BUY) and Randall Jones (Cox Cable, Construction Division) for arranging a Bucket Truck to facilitate the safe raising and lowering of our towers.

Again, there are a host of others that worked hard to make this happen. I must thank all of them.

On the other side of the coin, we have been told that next year, a building will be growing at this year's site. This means, of course, that we need to look for another site. A committee is forming for this purpose, and to plan next year's event. This is an opportunity to make a difference for the club and the local amateur Radio Service.

Steve Early, AD6VI





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	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@sdarc.org
Tuesday	2100	146.730	Off-Road Net	Jerry A. K6PFP jwak6pfp@cts.com Dick W. KA7AYT rwillmek@home.com
Wednesday	2000	146.730	Sailor's Net (stay tuned)	Mace
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 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



Looking for something?

Let us know what you are looking for – we run classified advertisements FREE for members of PARC.

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 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.

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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!

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 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! 




Current Needs

Volunteers are needed for the following club positions.

2007 Field Day Site Committee
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.

Each and every volunteer is greatly appreciated and makes our club more successful. 

PARC 2006 Board

President: Steve Early AD6VI
(619) 461-2818 AD6VI@cox.net
VP: Dennis Baca KD6TUJ
(760) 722-0251 KD6TUJ@amsat.org
Sec: Gary Kent W6GDK
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Treas: Bob Birch KG6RGI
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Dir: Tom Martin KG6RCW
Dir: Mark Raptis KF6WTN
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(760) 630-3096 W6GNI@amsat.org
Site Tech: Mike Doyle AB6QT
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4CX250B & R – 4CX400A

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(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.

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Larry WQ6V
wq6v@aol.com (760) 723-9912

(5.24) Kenwood Base / mobile rig.... 440 SSB : TR- 851A, 25 wat. \$300. Hallicrafters Rcvr. SX – 111 Nice cond. \$175. Swan 250 6M. SSB xcvr. No power cord or mic. \$150. Kenwood TS-130s HF rig 100wat. \$200. Kenwood TR-9130 2M. SSB mobile rig. \$175. Icom IC-730 HF rig. With matching

speaker IC-sp3. \$350. RARE Mizuho 15 M. SSB Hand held , phone and cw, built in key, w/vfo and extra xtal. Exl cond. \$225. Have two Kenwood TH-78a dual band HT's , 2m/440 with all extras. (one has mod) \$175. EA. IC-32 AT 2m/440 HT. with desk chgr and batt. Exl. Cond. \$150 .

QRP... NCG QRP rig. HF, 15m, 40m, 6m. 10 watts out. Runs on built in AC power sply. or 12 VDC. \$175.

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Larry WQ6V
wq6v@aol.com (760) 723-9912

(2.2) Tempo S-2 (220 Mhz) Handheld with SS32 PL & DTMF built w/charger \$40.00, Galaxy Electronics Phone Patch PR-550 \$10.00, Avenger 4000 Commercial Alarm System, w/8 PIR's , keypad, 2 sirens, 1 sonic \$80.00 OBO, 13 Inch Sony Industrial Video Monitor Model PVM-1390 \$20.00 OBO, 54" Oak Roll Top Desk, excellent Condx \$350.00 OBO, Sentry Fireproof Combo Safe \$30.00 OBO, Heath SWR meter model HM-102 (needs meter cover) w/remote pickup \$10.00 OBO, IBM Clone Desktop 350 Mhz Pentium II computer 6 Ghz HD \$30.00 OBO, International Video/Audio signal processor/distribution Amp w/full studio controls \$40.00 OBO, VHF/UHF Conical Monopole Vertical \$10.00, Panasonic KX-F50 Phone answering machine/FAX \$10.00, Computer Desk w/wheels \$20.00 OBO, Kerosene Heater w/extra wicks \$30.00, Many Panasonic Video accessories, 200 Laser Movies Contact for List \$5.00 each, Some collector Directors cuts, Contact Dennis K7DCG 858-748-9046 or email K7DCG@aol.com

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	needed!	
Field Day Tech	John K.	WB6IQS@amsat.org
Inventory	Dennis B.	KD6TUJ@amsat.org
New Member	Christy M.	KI6AOL
Nets	PARC	Board@palomararc.org
Newsletter	Filled!	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
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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



Field Day Report from W6NOW

I would like to share some of my experiences on field day this weekend (while I can remember them). First of all, special thanks to Bob (AK6R) for giving me the opportunity to use his great trailer/tower setup. Bob, your setup "rocks".

Second, the experience that I had over the weekend would have never been possible if K6AM would have not accepted to take over as Band Captain for 15/20/40/80SSB. More on this later! Third, thanks to N6KI and WN6K and the entire PARC club for setting such a great Field Day (full time chef was available, too).

Back to item number 2 (the one that is still in my dreams). Well, I had heard the concept of SO2R but man I had no idea it was like this. What an experience this was. John had a setup that included 15/20/40/80 SSB with 2S2R (I think that's how you call it, multi-multi 1 tx). Two radios but only one transmits.

We both took over the morning shift until 10pm when the other crew was taking over. It was slow for me at the start since he had good pile-up and I was just S&P and giving him the finger (no, not that one) to get the other station that I had located for him. I logged them and good go get the next one. We got into a good rolled about an hour into the contest and we got our rates at about 160/hour (our goal was 200/hour).

Later during that day, KU6A stopped by and he took the S&P

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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

Field Day Setup

Paul Williamson KB5MU

These photos are from Friday afternoon during Field Day setup.

Below, W6NOW, WN6K, AK6R, and KG6RCW deploy the antennas from AK6R's tower trailer.



The following photo shows K6KAL, KD6TJ, KG6RCW, and WN6K raising the 20m CW yagi to point straight up for an SWR check before installation.



continued from righthand column page 8

station and I was on the calling station. We worked a few and he left. I too had to get up and get some food/water. Later during the night, at around 7pm I was on the calling radio and 20m was crowded and noisy because of the other stations around calling cq on cw (we had a 15/40cw, 20/80cw, and ours + some GOTA and VHF/UHF/SAT).

I had been on 15m at around 5pm but not much going on. I then made a novice decision to go to 15m at 7pm to go an listen. I guess it was the right call. Well, with a 5-element beam (thanks to Bob) I called cq twice and man what a pile-up I ended up with. I took the rate to 189/hour for about 1.5 hours. I owned the freq the entire time, and it just kept getting bigger and bigger (man, what a rush).

John took over at around 9:30pm to show the other team how to operate the station. He took the rate up to 199/hour I believe.

About John's setup: this is a solid setup. Good job John! Once the other team was good to go, John/I went to take a power nap and got back to FD at around 4:45am. We took over the other team, and the plan was for me to operate from 5am till about 8am. This is when John said to me hey you're running both rigs at the same time (real SO2R).

Well, I was able to manage 20/40m with SO2R calling CQ on both and it worked out pretty good I should say for being my first time. I got the rate up to about 90/hour and stayed solid but I was getting tired. I know, some of you do 24hours straight but I'm still young! ;-). Once 8:30am came around I told John he can take it over. At this point, I think we had worked everything out there from 15-40m.

I'm not sure what our final score was (2500points I think), but man I gotta tell you I'm proud of my team. The effort put into this setup, was well worth it for all of us.

Bob's setup was not difficult at all (thanks to him for making a great piece of engineering work). It took about 6 people and about 2hours for setup. (that 2-element 40m kicked butt). The brake-down was not bad either.

It has been one of the greatest experiences ever, and I can't wait for the next one.

Anyone who needs a hand on a contest/event please let me know.

73 de w6now.

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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 July 5th, 2006 (the first Wednesday of each month) at the Carlsbad Safety Center. The meeting will be about the repeater site. 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!