



Palomar Amateur Radio Club

November 2003

November Meeting

Wednesday November 5, 2003

Carlsbad Safety Center

PARC Repeaters

Palomar Mt. Repeaters (W6NWG)

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

145.070/146.7 - (W6NWG-3/PALBBS)

ATV "OUTPUT":

1241.25 MHz. am

ATV "IN":

915 wbfm, 919 am, 2441.25 wbfm

Intercom:

146.415 PL 79.7 nbfm

Affiliated:

*224.38- & *224.94 KK6KD (HARS)

*447.05- & *145.26 KK6KD (HARS)

*146.175+ N6FQ(FalbrkARC) linked to
*445.600 MHz (-)

*224.90- WD6HFR (Convair/220 ARC);

446.14- WB6FMT(123.0)Vista;

* = 107.2 Hz. PL Tone

President's Message

Happy Thanksgiving to all! It's that time of year again when going on a diet is a total waste of time! So don't even think about it, and have some more turkey and mashed potatoes!

I hope those of you who attended the annual auction had a good time. It was a wonderful event, and kudos is due to NE6O who organized the event. I consider that the quality of the equipment that was available made this past auction one of the best we've had in the past several years. I for one made off with two Heathkit collection pieces I added to my shack, and the dual trace Heath oscilloscope is a delight to have.

I've refrained from using this "bully pulpit" to exhort members to action, but it is time I did so regarding one of several PARC services that need attention.

I call attention to the operation of PALBBS.

There was a time, not so long ago and before the arrival of the Internet (which was *not* invented by Al Gore) when amateur radio packet was *the* web. DARPA and the amateur radio community, to facilitate computer-to-computer interaction over long distances, perfected the X.25 protocol, and that led to much of the infrastructure you take for granted today in www-land. Many of us got "hooked" with the famous (or infamous?) PK-64 and Commodore 64 / VIC 20 computers, and from there on all else is history!

Well, while packet operation has lessened somewhat in its "newness", it continues to serve many hams, and is essential for two primary interests. On the one hand, it remains a fascinating way to have fun on the ham bands, and on the other hand it is a key piece of the emergency services infrastructure hams – and local communities – take for granted in emergency preparedness.

Well, PALBBS needs volunteers.

Specifically, PARC needs some folks to step-up to the plate and assist in the administration of the BBS service. This is a "highly complex matter". It requires a dial up modem, and some dedication to coordinated login of the BBS to make sure message administration is taken care of. The volunteer, or volunteers, have to organize themselves with our administrator and agree on who will take responsibility for some rotation of duty for daily (or every other day) administration of the BBS messages. You *do not do this over the packet band*, so you do not need packet equipment. All you need is a computer, hooked to the phone line (*do not need internet service*) and a willingness to help our system administrator in running the service.

Are you interested in helping? Send a note to board@palomararc.org, or talk to us on the PARC repeaters.

73 & Happy Thanksgiving, de NN3V

Minutes

Palomar Amateur Radio Club Board of Directors

October 8, 2003

The meeting was called to order at 7:20 PM by KF6WTN at his home. Present were:

Secretary, Paul Williamson, KB5MU
 Director, Jim Cooper NE6O
 Treasurer, Jo Ashley, KB6NMK

Vice President, Mark Raptis, KF6WTN
 Director Merle Risdon, KR6BT
 Membership Chairman, Al Donlevy, W6GNI

Treasurer's Report

KB6NMK distributed the Treasurer's Report, and a corrected version of the September Treasurer's Report. She noted that an error in the calculation of pre-paid dues had been corrected. For information, she also circulated monthly cash flow reports for each of the preceding 12 months. Two months showed more expenses than income, but the other ten months showed a positive net cashflow. **Motion** by KR6BT to accept the September Treasurer's Report as corrected. **Seconded** by KB5MU. Motion **passed** unanimously. **Motion** by KB5MU to accept the current Treasurer's Report as distributed. **Seconded** by W6GNI. Motion **passed** unanimously.

KB6NMK reported that several significant bills had been received recently, including \$413 for ARRL-sponsored liability insurance and \$206 for property taxes on the repeater site.

Secretary's Report

KB5MU had distributed the Minutes of the September meet-

ing by email and in the Scope. He noted that one error had been reported: the gift certificates approved for the picnic included two of \$50 value, rather than one as reported in the minutes. **Motion** by W6GNI to accept the Minutes as published with the one correction noted. **Seconded** by KR6BT. Motion **passed** unanimously.

General Meeting

KF6WTN reported that the program for the November general meeting is still to be determined. The December general meeting will be the traditional holiday social.

Membership

W6GNI reported that the club membership is 467. Two family members switched to individual memberships rather than pay the new family membership dues.

October Auction

KB6NMK reported that the auction netted the club \$398.25. NE6O stated that once set up, the auction "ran itself". KR6BT congratulated the auction team on a

job well done.

License Class

NE6O reported that he will be teaching a General license theory class at Scripps Hospital, under the auspices of the ARRL San Diego Section.

Club Brochures

KB6NMK displayed two papers from PrintWorld and asked the Board (on behalf of W6MBM) to pick one. The Board was split evenly and considered both papers perfectly acceptable. The Board selected Haviland Blue paper by coin flip.

Next Board Meeting

The October Board meeting will be held at the home of KF6WTN at 7:00 pm on November 12.

The meeting was adjourned at 8:22 PM.

Respectfully submitted,

Paul Williamson, KB5MU, Secretary

San Diego 100 Mile Ultra Run

November 22 & 23, 2003
Starting at 0600 on Saturday and ending
at 1300 hrs Sunday, continuous.

Up to 40 radio operators needed to staff communications at ten locations and multiple shifts during this continuous 30 hour running event. One of the longest such events to take place in San Diego County. Shifts will range from 4 to 14 hours.

The Start/Finish Line will be at Lake Morena County Park near Campo in eastern San Diego County. The course mostly follows the Pacific Crest Trail as far north as Pioneer Mail Picnic Area in the Laguna Mt. National Recreation Area.

Field testing has determined that both a 2 meter net and 75 meters (with NVIS antennas) will be practical, effective means of communications. Technician class ops. and up are welcome. For 2 meters, 40 watts minimum and gain antenna will be required (HT's wouldn't make it).

Contact Dennis at KA6DUH@arrl.net for details.

Auction Notice

K6KAL@amsat.org has the manual for the person that purchased the Yeasu G500 rotor. You may contact Dick to return.

The Club made \$398.25. The top donors were KQ6OO, KC6VXY. Many thanks to Art, KC6UQH our Auctioneer, Marvin, WB6PKK for the program that produced all the paperwork, Jim, NE6O for printing it and coordinating the whole auction, Ted, KF6BFI for the computer totals that speeded up the buyers totals at the end, Menchie for the record keeping and all the other helpers, KB5MU, NN3V, W6ASP, WB6IQS, NE6O, KB6NMK, KI6GD, KD6TUJ and KG6JEI. Thanks to all the people who donated their proceeds and every one

who brought "junk" to sell.

PARC Nominations

As chairman of the nominations committee I am reporting the following selections:

Charlie, NN3V, President
2 Be Announced, Vice President
Jo, KB6NMK, Treasurer
Dick, K6KAL, Secretary
Merle, KR6BT, Director
Mark, KF6WTN, Director

The Committee has been turned down by over 15 active members of our club. We asked for volunteers at the Club Auction in October, We talked to several members at the September Picnic, and all of this has yet to bring us a willing Vice President.

We all have a duty to support our Club, and no one outside our Club will. We do not have paid workers, and we must rely on our membership to run the Club in best interests of PARC. There has never been a position that I have taken that I didn't learn something.

Interfacing with the general public and Amateur Radio Operators, can be a rewarding experience, as well as the opportunity to speak in front of a large group. I will build character and give you new insights in working with others both in and out of Amateur Radio. This could help you with presentations at your Work, or other groups. If you don't do the time you won't learn a thing, except how to say NO!

I hope by November 5th., I will receive and offer to serve from a Club Member. I am willing to provide support and training for this position. Note: I was VP for 1992, 1993, and 1994.

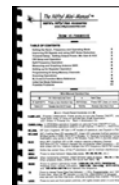
Art, KC6UQH

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PARC Pre-Meeting Meeting

All PARC members, and any hams planning to attend the PARC meeting, are invited to congregate early in the Carlsbad area and enjoy dinner with the many meeting attendees who relax and enjoy socializing before the PARC meeting. Listen to the 146.730 MHz repeater starting around 5:00 PM, and you will hear members driving to various restaurants for dinner, and an "eye ball" with fellow hams. **A GREAT WAY TO ENJOY THE HOBBY!** See you there.

Free Tubes

PARC North County Tube Bank offers free tubes for club members. I will deliver tubes to meetings for personal repairs (not for commercial/resale). We have a good assortment of common types (1935-1970).

E-mail WB6IQS@juno.com or
call evenings 760-727-3876.

Committee Chairmen

ARESinfo.	-Dennis S	K7DCG@amsat.org
Attendance	-Al	W6GNI@amsat.org
ATV	-Art	KC6UQH@amsat.org
Auction	-Jim C.	NE6O@amsat.org
Badges new	-Al	W6GNI@amsat.org
Batteries	-David	KD6EBY DAT@Gerry.Palomar.caltech.edu
BBS Monitor	-Bill B	N6FMK@amsat.org
Billing:Ads/etc	-Lyell K	K6GVM@arrl.net
By-laws	-Paul	NN6X@amsat.org
&	-Ron	RWA9JCL r3mb@concentric.net
Contest Info	-Dennis V	N6KI@amsat.org
ControlOps.	-filled	W6NWG@amsat.org
D.Mar Fair-		
Emergency QTH's (Emergency Com. Centers)		
HarryH	-W6YOO	W6YOO@amsat.org
DennisV	-N6KI	N6KI@amsat.org
Field Day	-Charlie R	NN3V@ARRL.net
FDTech.	-John K	WB6IQS@Juno.com
Historian	-	
Interference	-	
Inventory	-Dennis B	KD6TUJ@juno.com
MtgGoodies	-Jim E	W6SST@juno.com
Membership	-Al W6GNI	aldonlevy@juno.com
Nets	-	
Newsletter	-Ron S	NA6RS@amsat.org
PALBBSpkt	-Bruno H	KF6QDP@amsat.org
Patch Info	-Stan R	W9FQN@amsat.org
PatchETronics	-Jerry H	WB6FMT@amsat.org
Picnic	-Paul D	NN6X@amsat.org
PowerAC/DC	-Mike P	KD6VHI@amsat.org
Programs	-Mark R	KF6WTN@amsat.org
Publicity	-Fred S	K6ISS@amsat.org
QSL Cards	-Merle R	KR6BT@Juno.com
RACESinfo	-Jo A	KB6NMK@amsat.org
Red Flag	-	
Rptr Site	-Mike P	KD6VHI@amsat.org
Rptr Skeds	-	
SANDARC	-	
SellerTable	-John K	WB6IQS@Juno.com
AstSWDivDir	-	
TechSite	-Mike D	AB6QT@amsat.org
TestingVE	-Rusty M,	DuneDancer@cox.net
Training	-	W6NWG@amsat.org
TrusteeW6NWG-Mike D		AB6QT@amsat.org

(Net Managers) (see pg.12)

ARES Sun	-	
Staff Net	-David D	KC6YSO@amsat.org
ARES 6m	-David D	KC6YSO@amsat.org
Ham Help	-David D	KC6YSO@amsat.org
Hiking	-Ed	KF6DXX@Juno.com
	-Glenn P	KE6ZLY@Juno.com
MARA	-Cathy	KE6IQU W6NWG@amsat.org
Microwave	-Kerry B	
Off Road	-Jerry A	jwak6pfp@cts.com
	-Dick W	KA7AYT rwilimek@home.com
Sailors	-Paul/Rod	NN6X@amsat.org / AC6V@amsat.org
Traffic(SDCTN)-Charles		N6TEP cmiele@juno.com

Questions about club policy or for information can be addressed to **W6NWG@amsat.org** or P. O. Box 73, Vista, CA 92085-0073.

EMAIL address for Website is **webmaster@palomararc.org**

Other addresses of interest:

Scope@palomararc.org
Board@palomararc.org
Membership@palomararc.org

The Newcomer's Corner

PARC extends a special greeting to all of our new members, especially those who are new to ham radio!

Don't overlook these benefits that are part of your membership:

* A roster of the PARC membership is available from Al Donlevy at the meeting or by email at **W6GNI@amsat.org**.

* Autopatch access (PIN registration and instructions on operations) is also available from Al Donlevy.

* If you'd like a little extra advice from one of our experienced members, please contact John Earnest, **KG6EQU** by email at **KG6EQU@amsat.org**. He will match you with an elmer/mentor.

* Don't forget our great website... **www.palomararc.org**. It has the schedule of the Nets, info on events, even pictures from the last picnic!

Again, welcome to PARC and congratulations on joining an organization that has been benefiting amateur radio in San Diego County since 1936.

73 de John, **KG6EQU**

Contest Corral

Nov 1 ARRL Sweepstakes, CW
 Nov 1 Ukrainian DX Contest
 Nov 1 ARCI QRP Contest
 Nov 8 Worked All Europe, RTTY
 Nov 8 OK/OM DX Contest, CW
 Nov 8 Japan International DX, SSB
 Nov 15 RSGB 160 Meter Contest
 Nov 15 ARRL Sweepstakes, SSB
 Nov 22 Bulgarian DX Contest
 Nov 29 CQ WW DX Contest, CW
 Dec 5 ARRL 160 Contest, CW
 Dec 6 PSK-31 Death Match
 Dec 6 TARA RTTY Melee
 Dec 13 ARRL 10 Meter Contest

Sort of a mixed bag this month. CW, SSB, RTTY, PSK31, QRP, and 160 Meters. What more could a contester ask for? The ARRL Sweepstakes brings out participants from all ARRL and Canadian sections so if you are trying to Work All States, here's your chance. At the end of the month is the CQ WW DX contest for CW enthusiasts and DXCC is possible in one weekend. Rules are published in QST, CQ, NCJ, and Worldradio. CU in the contest.

73, Harry/W6YOO

Last Month's Goodie's

Jerry KF6MYE
 Tom KG6RCW
 Orlando N6QVW
 Fred AE6IC

Last Month's Fold & Staple Crew

WA5ACE Sonny KG6AEW Bill
 KB6NMK Jo & Toby
 KB6YHZ Art & KB6YHY Anita
 W6GNI Al & Kathy
 W6YOO Harry K6ML Jim

P.A.R.C. Inc (2003 Board)

Pres: Charlie Ristorcelli **NN3V**
 858.676.3307 NN3V@amsat.org

VP: Mark Raptis **KF6WTN**
 760.749.4825 KF6WTN@amsat.org

Sec: Paul Williamson **KB5MU**
 858.571.8585 KB5MU@amsat.org
 760.742-9924 Palomar Mt.

Treas: Jo Ashley **KB6NMK**
 760.741.2560 KB6NMK@amsat.org

Dir#1: Merle Risdon **KR6BT**
 KR6BT@amsat.org

Dir#2: Jim Cooper **NE6O**
 760-727-8446 NE6O@amsat.org

Repeater Site:
 Mike Pennington **KD6VHI**
 760.749-8888 KD6VHI@amsat.org

Membership:
 Al Donlevy **W6GNI**
 760.630.3096 W6GNI@amsat.org

Repeater Technical:
 Mike Doyle **AB6QT**
 760.742.1573 AB6QT@amsat.org

Membership Committee: W6MBM
 Mike Mc Mahon KG6JMP@amsat.org
 (non-voting Member)

Jeff N6FRW

Grace N6WPA

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Web Pages

PARC's Home Page -
<http://www.palomararc.org>

Rod's - AC6V
<http://www.ac6v.com>

ARES Alert Publication
<http://www.qsl.net/sdgarrl/alert.htm>

Tom's Hiker's - KF6PAZ
<http://www.fanciful.org/san-diego-hiker>

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For Sale

(10.13) **Yaesu FT-817** package - includes the FT-817 and microphone, 500 Hz Collins filter, LDG Z-11 auto tuner and balun, W4RT One Plug Power battery, original battery and battery door, dry cell holder, Buxcom Rascal soundcard interface and software, Waters and Stanton AT80 portable antenna and HF-project 30 watt amplifier (needs work), manual. \$600.00. **SGC 2020 HF** transceiver with ADSP2 and microphone-\$450.00 Gary, W6GDK at (858) 679-0578 or w6gdk@arrl.net

(9.18) **29' Ericson Sailboat**, Auto-pilot, radio, depth sounder, TV, Microwave, Sleeps 6, Head, Galley, **Transformer**, (CV Solar, Input 115v 60cyc, Out, 120v, 25 amp.) **Transformer** (75KVA, 50% Duty Cycle, Primayr 440v, Sec. Parallel Low 5.37,5.88,6.2,6.57 — Hi 7.22,8.15,8.8,9.59 or Series Low 10.74,11.72,12.40,13.14 or Hi, 14.22,16.3,17.6,19.14v, Call Art Nye KB6YHZ, 760-758-0234

7.26) 1986 37 Ft. Eldorado Motorhome. Ham Ready. 160 amp Alternator - Antenna mounts left in place, HF, VHF & Cell. 150 watts Solar w/Controller. 6.5 kW Onan generator. Must see to appreciate. NADA valued @ \$19,335.00 asking \$17,000.00 OBO. Contact Dennis K7DCG for a picture and full list of specification. K7DCG@arrl.net or 858-748-9046

(7.21) Software for IC-2100H, Dan Keefe, KS6Z/K6FFF

(7.20) Schematic needed for a Datong Automatic R.F. Speech Processor, Model ASP. KH6OG, Bill, (619) 237 1142

(6.19) 10' Satellite System free to user.

Ron, NA6RS@amsat.org or 760-822-5170

(6.12) **GENERATOR Generac 3500XL** Rated (Running) 3500 Watt, Surge (Starting) 4375 Fuel Tank 4.00 Gallons, Engine 6.5 HP Generac OHVI Weight 115 Lbs, \$ 425.00, (Used about 10 total hours run time.) **K6KAL Dick Kalkofen** (760) 519-0670

***Personal equipment ads** are free to members and could be "bumped" after 3 months. Make up your ad like the ones on this page. Send to Scope before the 18th of each month.*

***Commercial Ads** in big boxes: \$2/col. inch/mo. We will "squash" your copy to the number of inches bought.*

SCOPE@palomararc.org

(5.18) **Yaesu FT-230R** 2 Mtr FM Transceiver w/SS32 PL Board. \$100.00, **Astron AS-7** Power Supply \$30.00, **Yaesu FT-757G** HF Transceiver w/FC-757AT Auto Antenna Tuner & mobile mount \$650.00, **Yaesu FT-227R** 2 Mtr FM Transceiver \$60.00, **AEA PK-232MBX** TNC w/manual and AC power adaptor \$40.00, **Kenwood ST-2** Base Charger for Kenwood TR-2500 handheld \$25.00, **Kenwood W09-0315** wall trickle charger for Kenwood TR-2500 \$5.00, **Icom IC-47A** 440 Mhz FM Transceiver w/mag mount antenna \$90.00, **Celestron C-8 Catadioptric Telescope** with Large Tripod, Planetary motor-drive, X2 Barlow Lens, Spotting Scope, w/manuals \$900.00, 2 B&W 9" Security Monitors \$15.00 Each, **Realistic PRO-2021** Scanner w/manual and antenna \$75.00, 2 Larsen 6 Mtr 5/8 wave Antennas fits NLA mount \$25.00 Each. Contact Dennis K7DCG @ 858-748-9046 or email: K7DCG@arrl.net

(2.22) **Alliance Heavy Duty Rotator, HD73**, new, unpacked, \$100, **Kenpro KR-400 Rotor**, used, new control box, \$50, **Honda portable gen. EM-400**, 300w, 120v, 12v, \$200, **Koolatron 12v thermal electric cooler/warmer**, \$30, Ivan, W6TET, 619-276-7148, 858-273-0219

(2.22) **4 El 10 Meter Yagi Beam** All stainless hardware w/W2DU Beam 50 Ohm Balun. Only up for short time, Very clean, Works very well. \$75.00 OBO Bayard K6GAO 858-755-5507

(10.25) Radio Shack 300-Channel **Handheld Trunk Tracker Scanner, Pro-90**, Like new in box 80.00. Louie KF6QBS. 760-727-0846. kf6qbs@amsat.org.

(10.3) **Bencher Paddle Keyer** and **MFJ automatic keyer** (curtis chip). Like New!

\$75 Bob AC6JG 760 207-9045.

WANTED:

(8.15) Looking for a Kenwood TH-79 (A)(AD) LCD module to repair my handie-talkie. W6/VE7CQA (858) 942-5502

(4.10) Mid sixties color CRT. Number RE21FJP22 OR RE21FBP It does not have to work, but it does have to be under vacuum. de AB6QT Mike. 760-742-1573 or email at ab6qt@amsat.org.

(3.1) Medium to heavy duty shelving needed. Prefer 18 inch deep. For use in the PARC cargo container. Call Dennis KD6TUJ for drop off or pick up. 760.722.0251

Club Membership

New Members joining PARC:

KG6MGE, KG6RCW (Joined for 5 years!), Anthony May (No call yet), KG6DVE, KG6RWI, KG6SJP. Several reinstatements, W6YOO, and W6JAC renewed for 10 years (2 months ago!)

Club membership is at a 5 year low. And, there are more licensed amateurs than ever before. Our repeaters are busy. Why are we losing members faster than we are signing up new ones? Certainly it cannot be the cost. A cup of coffee in a restaurant costs more than a months membership in PARC. We receive a list of San Diego County "new hams" from the ARRL, and send them a free, introductory copy of the SCOPE. We do get a few that join that way, but in review, many of those only join for one year, then drop out. How can we get more interested members, and keep them from year to year?

Suggestions? Al, W6GNI

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Model BA-8 (for RG-8, RG-213, 9913 and similar cables up to 1/2" diameter. \$15.00 + tax + \$6 S&H/order

TUNER-TUNER

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See catalog at www.Palomar-Engineers.com
Please check our complete ads in **QST, 73, CQ, and World Radio** magazines.

PARC NETS

Sunday	0830	146.730	ARES
Sunday	1000	146.730	Sailor's Net
Sunday	2045	147.075	MARA Emergency Services
Monday	1915	146.730	RACES Sub-Net
Monday	2100	146.730	Microwave Net
Tuesday	2100	146.730	Off-Road Net
2nd Wed	2100	146.730	PARC Board Net
Thursday	1930	147.075	Young Hams Net
Thursday	2100	146.730	Ham Help Net
Friday	2100	146.730	Hiker's Net
Saturday	2000	52.680	6 Meter ARES Net
Tue/Thu/Sat	2000	146.730	NTS Traffic Net (SDCTN)

PARC Testing

Carlsbad - 2nd. Saturday at 9:30 am in the Carlsbad Safety center.

Contact Rusty **AA6OM**
760-747-5872 or dunedancer@cox.net

EARS Testing

Escondido - LAST Saturday at 9:00 am
Chamber of Commerce
720 N. Broadway, Esc 92025

Contact Harry **W6YOO**
760-743-4212 or W6YOO@amsat.org

Register 5-7 days in advance for tests.

Repeater Status

146.730-	:	Normal
147.075+	:	Normal
147.130+	:	Normal
447.000-	:	Normal
52.680-	:	Normal
146.700-	:	Packet Repeater Normal
145.050	:	Packet Digi Normal
PALBBS	:	Bulletin Board Normal
AutoPatch	:	Normal
ATV	:	Upgrading

Send \$18 Dues To:
PARC, P.O. Box 73
Vista CA 92085-0073

HAM

RADIO

OUTLET

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O

Tom KM6K
Ron N6OMW
Jose XE2SJB
Bob KA6EKT

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800-854-6046
5375 Kearny Villa Rd, S. D.

Directions: On 163, take **Clairemont Mesa Blvd.** off ramp to East. Stay in right-hand lane. Turn right at stop light. As you are turning right you can see our beams in the 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.

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Palomar Amateur Radio Club Inc.

Scope (USPS #076530) Vol.XXX No. 11, November 2003, published monthly by PARC
1651 Mesa Verde Dr., Vista, CA, 92084. *Periodicals postage pd. at Vista, CA 92085.*
Dues \$18/yr or \$30/family/yr (includes newsletter subscription)

Editor: Ron Surfield NA6RS, 7323 San Bartolo, Carlsbad, CA 92009
Scope address for newsletter: scope@palomararc.org

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