

Palomar Amateur Radio Club

Volume XXXII No. II

February 2005

February Meeting

February 2nd

The February PARC Meeting will be the 69th anniversary of the Palomar Amateur Radio Club.

The program will be a "Short History of PARC" by Stan Rohrer, W9FQN, who will be assisted by some of the "Old Time Presidents" of PARC. There will also be short history "snap shots" by John WB6IQS, Dennis N6KI, Paul KB5MU, and Al W6GNI.

Inside this issue:

Contest Coral	2
PARC Repeaters	3
Committee Chairs / Net Managers	3
Ares Public Service	3
Board Meeting Minutes	4
Calendar of Events / Nets	5
For Sale	6
Hiker's Net News	8

President's Message

The year has had a good start. In January, we had a good presentation on the Western Intertie Network WINSystem, by Jeff (Shorty) Stouffer, K6JSI.

This month: PARC Birthday Party. The presentation will be a "Short History of PARC" by Stan Rohrer, W9FQN. Stan was the President of PARC when I joined, and is one of the most knowledgeable persons regarding the history of Amateur Radio in San Diego County. While PARC has a long history, which cannot possibly be told in one evening, I am sure that we will be entertained and enlightened by the history "snapshots". Personally, I am looking forward to hearing many of the things that have been accomplished by our membership. I expect that we will all come away with the sense that we

can make a difference, as those before us have. Afterward, there will be PARC birthday cake. PARC is 69 years young. Bring a HAM friend and an appetite.

On March 2nd, the presentation will be geared towards new and returning HAM's, titled: "I have my license, now what....". This is an opportunity to call on friends that have just received their licenses, or have not been on the air in a long time. It is also an opportunity to meet HAMS that are looking for advice. The presentation will cover such things HAM etiquette, resources, GOTA, Amateur Programs and available training. Bring a new ham.

April 6th will be a Presentation by the San Diego Impe-



rial Counties Chapter of the American Red Cross. We will receive an overview of what the Red Cross actually does for Disaster Relief, and how HAMS support this worthy cause.

May 4th will be a presentation on APRS.

It is also time to start thinking about Field Day (end of June) and the coming Wildfire season. Remember that one of the five reasons for Amateur Radio, in the United States, is Public Service. The June 1st program

(Continued on page 2)

From NZ6T Tuck Miller

Greetings to all my Amateur Radio friends thru out Arizona and Southern California. I would like to announce to you a new web site, and a new newsletter. Both are called Tuck's 5 Nine 9. The web page is chock full of news of interest to all hams thru out the region, and will continue to be updated on a regular basis. The newsletter will also be posted on the web site, and a notice will be sent out when the newest edition is online. I have always tried to keep people informed of what is going on around them, and that

will not stop.

I ask that you visit the new web site at www.qsl.net/599. Take a look around. Tell all your friends about the new site, and please participate. When topics arise, that need your opinion, we will be creating a poll, so your voice can be heard. If your club or group has an upcoming event, let us know about it. If you have photos of your group in action, send them along. This new venture can only be successful with YOUR help!!! With this in

mind, I ask for the following:

- Please make sure I am on your newsletter list, whether it be by snail mail or by electronic means. If you have an e-mail reflector, please add me to it. Just use my e-mail address above.
- Post a link to the 599 website on your club's web-site.
- Send me anything that you would like to see on the site.

(Continued on page 7)

(President's Message Continued from page 1)

will be on Contesting Techniques.

The Amateur Radio Emergency Service will provide the July 6th program.

August 3rd will be T-Hunting - In preparation for the PARC Picnic

September 7th - Microwave

October 5th is the Annual PARC Auction -

November 2nd - Go-Kits and Power Compatibility.

December 7th is the PARC Christmas Social and Elections.

Again, bring a friend to the PARC Birthday party.
See you there

Steve Early, AD6VI

P.A.R.C. Inc (2005 Board)

Pres: Steve Early	AD6VI
VP: Dennis Baca 760.722.0251	KD6TUJ KD6TUJ@amsat.org
Sec: Paul Williamson	KB5MU
Treas: Jo Ashley 760.741.2560	KB6NMK KB6NMK@amsat.org
Dir#1: Tom Martin	KG6RCW
Dir#2: Mark Raptis	KF6WTN
Repeater Site: Michelle Thompson 858.229.3399	W5NYV W5NYV@amsat.org
Membership: Al Donlevy 760.630.3096	W6GNI W6GNI@amsat.org
New Member: John Earnest 858.484.8579	KG6EQU KG6EQU@amsat.org
Repeater Technical: Mike Doyle 760.742.1573	AB6QT AB6QT@amsat.org

Contest Coral

What a difference a year makes. Last year at this time I was in Antarctica, came home at the end of the month and underwent Surgery on my right femur and there was no contest column in Feb.

Feb 5 DE, MN, and VT QSO Parties
Feb 5 10-10 Int'l Winter Contest, SSB
Feb 5 Mexico International RTTY Contest
Feb 6 NA Sprint, SSB
Feb 10 KCJ Top Band Sprint
Feb 12 Louisiana QSO Party
Feb 12 FISTS Winter Sprint
Feb 14 ARRL School Roundup (ends 2/19)
Feb 19 ARRL DX Contest, CW
Feb 25 Russian WW PSK Contest
Feb 26 CQ WW 160 Meter Contest, SSB
Feb 26 Mississippi QSO Party
Feb 26 North American QSO Party, RTTY
Feb 27 North Carolina QSO Party

The above represents about half the contests scheduled for the period. SSB, CW, RTTY, PSK, 160M will provide something for everyone. Lots of state QSO parties for the WAS seekers.

Complete rules may be found in QST, CQ, NCJ, and Worldradio Magazines.
CU in the contest. 73, Harry, W6YOO

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 160 m).

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" diameter.
\$15.00 + 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 Radiomagazines.

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:

www.rfparts.com

e-mail: rfp@rfparts.com

Send for your FREE 2004 Catalog or visit our website.

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 (PALOMAR/W6NWG -1)

146.700- (Duplex Pkt) PALBBS/EMG
use

145.070/146.7- (W6NWG-3/PALBBS)

ATV"IN":

915 wbfm, 2441.25 wbfm

ATV "Output"

1241.25 MHz am

Intercom:

146.415 PL 79.7 nbfm

Affiliated:

*224.38- & *224.94 KK6KD (HARS)

*447.05- & *145.26 KK6KD (HARS)

*146.175+ N6FQ(Fallbrook ARC)

Linked to

*445.600 MHz (-)

*224.90- WD6HFR (Corvair/220 ARC)

446.14- WB6FMT (123.0) Vista

• = 107.2 Hz PL Tone

Questions

Questions about club policy or for more information can be addresses to:
Email: W6NWG@amsat.org

Committee Chairpersons

ARESinfo	Dennis S	K7DCG@amsat.org
Attendance	Al	W6GNI@amsat.org
ATV	Art	KC6UQH@amsat.org
Auction		AD6VI
Badges new	Al	W6GNI@amsat.org
Batteries	David	KD6EBYDAT@Gerry.Palomar.caltech.edu
BBS Monitor	Bill B	N6FMK@amsat.org
Billing:Ads/etc	Lyell K	K6GVM@arrl.net
Contest Info	Dennis V	N6KI@amsat.org
Control Ops	-filled	N6NWG@amsat.org
Del Mar Fair		
Emergency QTH's (Emergency Com Centers)		
Harry H	W6YOO	W6YOO@amsat.org
Dennis V	N6KI	N6KI@amsat.org
Field Day	Charlie R	NN3V@amsat.org
Field Day Tech	John K	WB6IQS@amsat.org
Inventory	Dennis B	KD6TUJ@amsat.org
New Members	John E	KG6EQU@amsat.org
Nets		
Newsletter	Michelle P	W6MYP@amsat.org
PALBBS Pkt	Bruno H	W6AFK@amsat.org
Patch Info	Stan R	W9FQN@amsat.org
PatchETronics	Jerry H	WB6FMT@amsat
Picnic		
Power AC/DC	Mike P	K6MRP@amsat.org
Programs	Dennis B	KD6TUJ@amsat.org
Publicity		
QSL Cards	Merle R	KR6BT@juno.com
RACES Info	Jo A	KB6NMK@amsat.org
RED Flag		
Repeater Site	Michelle T	W5NYV@amsat.org
Repeater Skeds		
SANDARC		
Seller Table	John K	WB6IQS@juno.com
Assistant SW Div Dir		
Tech Site	Mike D	AB6QT@amsat.org
Testing VE	Rusty M	DuneDancer@cox.net
Training		W6NWG@amsat.org
Trustee W6NWG	Mike D	AB6QT@amsat.org

Net Managers

ARES Sun	Dennis	K7DCG
ARES 6m	David D	KC6YSO@amsat.org
Ham Help Net	David D	KC6YSO@amsat.org
Hiking	Ed	KF6DXX@juno.com
	Glenn P	KE6ZLY@juno.com
MARA	Glenn Jones	KG6JDF@amsat.org
Microwave	Kerry B	
Off Road	Jerry A	jwak6pfp@cts.com
	Dick W	KA7AYTrwillimek@home.com
Sailors	Paul	NN6X@amsat.org
	Rod	AC6V@amsat.org
Traffic SDCTN	Charles	N6TEP cmiele@juno.com

ARES Public Service Events for 2005

Lake Hodges 50 Km Trail Run	Sat, 26 Feb 2005
I Love a Clean San Diego	Sat, 9 Apr 2005
Special Olympics Basketball	Sat, 16 Apr 2005 and Sun 17 Apr 2005
Lost Boys Trail Run	Sat, 14 May 2005
Special Olympics Greater Games	Sat, 4 Jun 2005 and Sun 5 Jun 2005

The Lake Hodges and Lost Days dates are tentative. The others 'should' be firm.

-Dave
-kc6yso

Minutes Palomar Amateur Radio Club Board of Directors January 2005

The meeting was called to order at 7:15 PM by KD6TUJ at the home of KR6BT.

Present were:

Vice President, Dennis Baca KD6TUJ
Secretary, Dick Kalkofen, K6KAL
Treasurer, Jo Ashley, KB6NMK

Director Steve Early, AD6VI
Director Merle Risdon, KR6BT
Membership Chairman, Al Donlevy, W6GNI
Repeater Site Chair Michelle Thompson, W5NYV

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 Antenas
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.** *Ask about our great prices*
Monday thru Saturday
858 560-4900 or toll free **1-800-854-6046**

Dec98

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.

FEBRUARY 2005

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2 <i>Club Meeting</i>	3	4	5
6	7	8	9 <i>Board Meeting</i>	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28					

If you would like to include information for the calendar, please send an email to: SCOPE@palomararc.org by the 18th of the month

Schedule of Events

- February 2nd Club Meeting PARC Birthday
- February 9th Board Meeting

PARC NETS

- Sunday** 0830 146.730 ARES
- Sunday** 2045 146.075 MARA Emergency Services
- Monday** 1915 146.730 RACES Sub-Net
- Monday** 2100 146.730 Microwave Net
- Tuesday** 2100 146.730 Off-Road Net
- 2nd Wednesday** 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)

Last Month

Goodie Table



KG6RCW	Tom
K6ISS	Fred
KE6DUG	Rich
W6MYP	Michelle

Club Membership

New Members Joining PARC:
K6PLR. KG6RLA extended as a new Family Membership.

In addition, 5 members reinstated their membership, which had lapsed. Thanks to all. We need new members. I notice a number of hams attended our October auction but have not become members. Our database includes over 1600 records of hams that have been members at one time. I don't think 1200 of them have died or moved out of the area, do you?

Al
W6GNI

Last Month's Fold & Staple Crew



KB6NMK Jo	&	Tyler
W6GNI Al	&	Kathy & Julie
W6YOO Harry	&	W6JAC Jerry
N6UZH Terri	&	Matthew
KR6BT Merle		KG6AEW Bill
KE6DUG Rich		WA5ACE
Sonny		
KB6YHZ Art	&	Janet
KD6TUJ Dennis		

What a wonderful turn out for the first SCOPE of 2005, the last Fold & Staple for 2004!

For Sale

(1.20) Looking to borrow or buy an MFJ-931 Artificial Ground. Jim Keller WB6YXY jkeller@cox.net 760-758-7655

(12.9) For Sale: Cushcraft ARC band 3 element beam, Model A3WS with 30 meter add on kit, Model A103 - Covers 12, 17, and 30 meters. Total weight 26 pounds, \$150.00; From estate of KF6QQ: Tokyo Hi Power Manual Antenna Tuner, HC-150, \$75.00. Wanze Co "Z" Match Tuner, 300 W \$75. Atlas DL-300 52 Ohm Dummy Load (It is like a small Cantenna) with cooling oil \$15.00 Low Pass Filter (great for 6 Meter operators) \$10.00; Yaesu FL2100B Linear Amplifier (great table top amp) 300.00 Call Harry, W6YOO@760-743-4212. 73, Harry

(12.9) The R-8 is now off the house, still for sale @ \$200 which is a deal, Diamond 500X dual band antenna \$50 and dual band beam antenna 144/440 is also up for sale @ \$50, contact James @ 760-722-2797 or E-mail to no8rf@cox.net

(11.29) ICOM T81A and accessories: case, HM75A, BP197, OPC254/L, CST81, OPC478, and MH-510 aftermarket Antenna - \$100. IOMEGA Jaz Drives 2GB (2 used, 1 unopened and unused) 22 JAZ disks (11 used, 11 unopened and unused) \$50. Bob KY6P (619) 318-2217.

(11.28) Ameritron 8L-811H linear, like new, \$650. Cushcraft MA5B 5 band mini HF beam. Never installed, partially assembled/painted, \$250. Force 12 Sigma 5 portable multi-band vertical, used very little, \$125. W3LFR, 858-774-0733 days, 858-780-9593 eves.

(11.16) I have the following DVD-R discs for sale or trade, they are for DVD Recorders i.e., for recording from TV, Cable, VHS tapes, Camcorder videos. Not computers. 95 OptpDisk, 48 Memorex, 23 Maxell - all bought in the last month. Will sell for 25% off. Reason is -- I have a Panasonic DVD recorder and the only discs that work are Panasonic and

Personal equipment ads are free to members and could be "bumped" after 3 mo. Make up your ad like the ones below and send to the email address below **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

TDK (-) Call Rod AC6V at 760-945-6050 E-Mail rodac6v@cox.net

(11.16) CUBIC ASTRO 150A TRANSIEVER FIX OR MOBILE 10-160M SSB 100WPEP w/PS and Manual \$300, KENWOOD 2M TRANSIEVER MODEL TR-7330 5-25W w/AUTO PATCH MIKE MC-46 w/ARX-2M ANT, MANUAL \$200, ASTRO PSA w/ MANUAL \$25, SWAN LINEAR AMP MODEL 1500Z, 1500 W PEP, w/ MANUAL \$400, HY GAIN ROTOR w/ CONTROL BOX AND MANUAL

The NiCad Lady Co. O.E.M. Assembly Rebuilds Batteries-Lead Acids Replacement Packs

20585 Camino Del Sol Unit B (909)653-8868
Riverside, CA 92508 Fax (909)653-5189
www.nicdlady.com email: nicdlady@nicdlady.com

\$100, REMOTE MOTOR DRIVEN COAX SW 6 POS w/CONTROLL BOX \$100, PALOMAR SWR-PWR METER w/ MANUAL MODEL M-827 0-200W \$50, SWAN SWR-PWR METER MODEL SWR-1 w/MANUAL \$20, DUMMY LOAD 1KW \$10, B&W G POS COAX SW MODEL CSAGG 1KW \$20, CUBEX 4 EL QUAD 30' BOOM w/QUAD ARMS FIBERGLASS SPREADERS w/ INSTRUCTION MANUAL \$150, KRIS W6KTE 760-941-3555

(11.16) Cushcraft RF-8 6 Months old \$200Diamond 144/440 Dual band base antenna \$50 you take down. James

722-2797 no8rf@cox.net

(10.18) I have a vx-7r with ext antenna and mic for sale for 150.00 can this be put in the scope my ph # is 619-251-6104 Craig Beresh 1 877 777-5492 Team San Diego

(9.3) WWII Military surplus HF receiver, transmitter and power supply (three separate units) to go to a good home or to be salvaged for parts. The transmitter puts out about 30 Watts, and all gear work last time it was fired up. Runs off 115 VAC. Frank Burns W6KGG 723-1792.

(9.4) Wilson Hand Held Mark IV Transceiver. Good radio to monitor channels on. Asking \$25. 4 Element 10 Meter YAGI beam. All stainless hardware with W2 DU beam balun. Like new works great \$75. Please contact Bayard K6GAO 858-755-5507

(8.3) Hallicrafters HA6 (6 Meters Transverter) \$30.00, CushCraft AR-2 2 Meter Ringo Antenna \$15.00, Knight Kit R55a Receiver \$45.00, Knight Kit Span Master Receiver \$35.00. Jerry Kopack, KF6MYE 760-436-6238 or JKopack@DIRECPC.COM

(NZ6T Continued from page 1)

- Sign up for the 599 newsletter from the website under the newsletter link.

Folks, I am once again looking forward to keeping each of you informed about news and events of the Ham Radio Scene. Drop me an e-mail anytime. 73,

Tuck NZ6T

Are you a radio buff? Are you a history buff?

If you are a radio history buff you will enjoy this link. It's a recording made in the 30s of a spark gap transmission. <http://www.lakeerieba.com/HobartSparkXmtr/HobartSparkXmtr.htm>

If you don't want to type this into your browser, drop me an email, and I will reply with this link.

Jim Keller WB6YXY jkeller@cox.net

IMPROVEMENTS IN FALLBROOK

The Fallbrook Amateur Radio Club operates two open repeaters that cover tough spots for PARC to reach, including coverage into the Temecula Valley. FARC's frequencies are 146.175(+) and 445.600(-) MHz, both with 107.2 Hz PLs, and visitors are always welcome. If you come in on one machine, your audio will go out on both - but if you use 146.175 much south of Escondido or along the coast, beware of bringing up a co-channel non-PLed machine in Whittier.

Two pages of photos covering FARC's move to the CDF site on Red Mountain (at the NE corner of Fallbrook) are ready and available for viewing at <http://fallbrookarc.org/repcdf1.html>. This is quite a repeater site. Enjoy!

W6VR

Web Pages

PARC's Home Page -

<http://www.palomararc.org>

Rod's - AC6V

<http://www.ac6v.com>

ARES Alert Publication

<http://sanarrrl.org/alert.htm>

Tom's Hiker's - KF6PAZ

<http://www.fanciful.org/san-diego-hiker>

Echolink

<http://www.echolonk.org>

IRLP

<http://www.irlp.net>

The Friday "Lunch Bunch" de KA6K

www.KA6K.com

Handy URLs for HFers

HF Beacons from around the world (on the same frequency for each band)

<http://www.ncdxf.org/Beacon/intro.html>

Current Solar Reports

<http://www.wm7d.net/hamradio/solar/index.shtml>

<http://www.wn6k.cts.com/>

DX Packet Cluster Spots via telnet (N7OD in Hemet is a good one)

<http://www.cpcug.org/user/wfeidt/Misc/cluster.html>

World wide DX Spots

<http://oh2aq.kolumbus.com/dxs/>

Latest DX Operations

<http://www.ng3k.com/Misc/adxo.html>

Contest Calendar and Rules, required reports, etc

<http://home.online.no/~janalme/hammain.html>

Six Meter Beacons Map

<http://www.qsl.net/k9mu/map.html>

Much more on HF and DXing - Nets, Maritime Mobile, DX Nets, Prefixes, Distance and beam headings

<http://ac6v.com/dx.htm>

Rod, AC6V

Treasurer \$\$\$

Jo Ashley KB6NMK@amsat.org

Balance Sheet as of December 31, 2004

Checking	1,137.43
CD	2,715.62
CD	3,433.47
CD	2,869.94
CD	2,870.01
Post Office 98.08	
Total	13,124.55
Pre-paid Dues	6,955.00
Property Ins.	2,400.00
Total	9,355.00
Equity	3,769.55
Total Liabilities & Equity	13,124.55

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 Fire Station #1
Escondido Fire Department
310 North Quince Street
Escondido, CA 92025

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

Register 5-7 days in advance for tests.

10 Meter Net

Monday - Friday

8:00 pm Local time

28.340

WA9MTP Dennie in Vista is net control.

PARC Hiker's Net News

By Bernie - N6FN

Indian Solstice Cave or What?

Late the afternoon of December 20th, the eve of the winter solstice, found Stan, W9FQN and I ascending a steep rocky mountain in Anza Borrego State Park. Climbing through endless boulders, attempting to avoid getting stuck by the occasional cactus or yucca, it appeared that we might not make our destination before nightfall.

Stan had visited the Indian cave several times before, including last summer on the morning of the summer solstice when he and several other hikers observed the rising sun shine through an opening and strike one of several Indian paintings on the ceiling. The question to be answered come morning: do some of the other paintings would align with the rising sun on the morning of the winter solstice?

To be at the cave by sunrise requires hiking in the day before. So here we were, hurrying along trying to get there before nightfall. Stan eventually spotted the cave and we quickly traversed the remaining distance as darkness fell. By the time I found a place to pitch my tent in a small patch of sand just below the cave, it was completely dark. Donning my headlamp I went about the business of setting up my tent and preparing dinner. Stan decided to camp on some rocks just outside the cave. He didn't bother with a tent, just snuggled his sleeping pad and bag in among some boulders.

After eating dinner, I scrambled up the rocks to visit with Stan and look at the cave. The cave formed when a boulder the size of a small house split and fell, landing on top of several smaller boulders. The flat side of the split rock forms the roof and the boulders around the edges make the walls of the cave. It's actually quite cozy and makes an excellent shelter. Stan pointed out the red ochre paintings on the ceiling. There are various designs: stick figures, a number of bursting sun patterns and a couple of zig-zag lines.

Afterwards we sat outside enjoying the brightly shining stars above. From our vantage point on the side of the mountain we could see the lights from El Centro. Using HT's we were able to contact Glen, KE6ZLY and other friends at home. The Monument Peak repeater on 147.240 was usable from our location, but a bit scratchy going direct. Accessing the Black Mountain 147.120 repeater, which is linked to the 147.240 machine produced full quieting communication.

In the morning a layer of clouds threatened to obscure the sun. But fortunately a hole in the clouds eventually allowed the sun to come through. It was immediately obvious a ridge to the southwest of the cave would block the rising sun. We would have to wait until the sun cleared the ridge to observe its effect within the cave.

When the sun finally came over the ridge, it aligned itself with a very prominent vertical boulder on the crest. Was

this important? Would this align with anything in the cave? Stan and I busied ourselves trying as many combinations of alignments as we could think of. Since the sun was too high to shine directly on the roof of the cave, we hit on the idea of hanging a vertical rod from the various paintings to see what the shadow would align with. We finally found one painting from which the cast shadow would align with another painting. Was this significant, or just random chance?

Exploring these ideas and visiting the cave was a lot of fun and certainly gives one a better appreciation of the native Indians that inhabited this land. Did we prove the cave was used to mark solstice events? Personally I'm unconvinced. The cave, however, was (and maybe still is) significant to the Indians, perhaps for offering prayers or other ritualistic purposes.

Hiker Net hams get together every Friday evening at 9 pm on our 146.730 machine to discuss trip ideas, reports of recent trips and other outdoor related topics. The net is open to everyone and new participants are always welcome.

There are several interesting web postings on the collapsed KFI and KSON broadcast towers.

Two of my favorites are these annotated picture pages:

KSON: http://earthsignals.com/add_CGC/KSON.htm

KFI: <http://www.earthsignals.com/images/kfi/>

For in-depth stories and more photos yet, see these issues of the CGC Communicator newsletter:

http://www.bext.com/_CGC/2004/cgc664.htm

http://www.bext.com/_CGC/2004/cgc666.htm

http://www.bext.com/_CGC/2004/cgc667.htm

http://www.bext.com/_CGC/2004/cgc668.htm

http://www.bext.com/_CGC/2004/cgc669.htm

Best regards, Bob/W6VR

ZCZC AG03

QST de W1AW

ARRL Bulletin 3 ARLB003

From ARRL Headquarters

Newington CT January 21, 2005

To all radio amateurs

**SB QST ARL ARLB003
ARLB003 FCC chairman resigns**

FCC Chairman Michael K. Powell announced January 21 that he'll step down, effective "sometime in March." Nominated by former President Bill Clinton, Powell joined the FCC in 1997 and became its chairman two days after President George Bush was sworn in for his first term in 2001. ARRL CEO David Sumner, K1ZZ, called Powell's performance "a deep disappointment" after some initial optimism--especially given his unabashed cheerleading on behalf of the FCC's broadband over power line (BPL) initiative.

"It's no secret that we thought Chairman Powell was going entirely in the wrong direction on BPL and dragging the other commissioners and FCC staff along--willing or not--because he was, after all, the chairman," Sumner said. "A new chairman might be a chance for a fresh start."

When the FCC adopted new Part 15 rules for BPL last October, Powell called it "a banner day." While conceding that BPL will affect some spectrum users, including "all those wonderful Amateur Radio operators out there," Powell implied that the FCC must balance the benefits of BPL against the relative value of other licensed services. He listed the FCC's adoption of BPL rules among the "policy highlights" of his tenure.

Possibilities to replace Powell include the other Republican

members of the five-member FCC--Kathleen Q. Abernathy, a staunch BPL supporter, and Kevin J. Martin. Speculation also has been raised about various outside candidates. "We look forward to the opportunity to work with the new chairman, whoever that may be," Sumner said.

In his announcement, Powell said it was "with a mixture of pride and regret" that he informed the president of his decision to step down. "Having completed a bold and aggressive agenda, it is time for me to pursue other opportunities and let someone else take the reins of the agency," he said. "During my tenure, we worked to get the law right in order to stimulate innovative technology that puts more power in the hands of the American people, giving them greater choices that enrich their lives."

The chairman said the seeds of the Commission's policies under his leadership "are taking firm root in the marketplace and are starting to blossom." He cited the increased use of cell phones, digital TV and other digital technology "increasingly connected anytime, anywhere by a wide variety of broadband networks." Proclaimed Powell, "Our children will inherit this exciting future."

As FCC chairman, Powell also was in the forefront of enforcing the Commission's rules on indecency, largely through imposing huge fines on violators. He also supported changes in media ownership rules that permitted even greater concentration of broadcast station ownership.

NNNN

/EX

POSTMASTER:
Send address changes to:
Palomar Amateur Radio Club
P.O.Box 73, Vista, CA 92085-0073

Periodicals
Postage Pd.
at Vista CA
92085-9998

Scope

Address Label Here

Palomar Amateur Radio Club Inc.

Scope (USPS #076530) Vol. XXXII No.2, February 2005, 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: Michelle Poirier W6MYP, 2969 Valley Street, Carlsbad, CA 92008
Scope address for newsletter submissions: **scope@palomararc.org**

146.73-, 147.13+, 147.075+, 447.000-, 52.68-; Pkt 146.7-, 145.05 & ATV, 4 Autopatches

