

Scope

146.73-, 147.13+, 147.075+, 447.000-, 52.68-; Pkt 146.7-, 145.05

Feb
'02
pg.1

Palomar Amateur Radio Club Inc.

also ATV &
4 Autopatches

Scope (USPS #076530) Vol. XXVIII No. 2, Feb 2002, published monthly by PARC, 1651 Mesa Verde Dr., Vista, CA, 92084. Periodicals postage pd. at Vista, CA 92085.

Dues \$12/yr or \$21/family/yr (includes newsletter subscription)
Interim Editor: Jim Cooper NE6O, 2012 Applewood Ln, Vista, CA 92083

POSTMASTER: Send address changes to SCOPE,
P.O. Box 73, Vista CA 92085-0073.

Send \$12 Dues To:
PARC, Box 73
Vista CA 92085-0073

See pg. 10: PARC Frequencies, Club Officers, and PARC Nets.

Club Meeting

Mark Raptis KF6WTN@amsat.org
(Meetings are held the 1st Wednesday of each month at the Carlsbad Safety Center in Carlsbad at 7:30 p.m. although most come at 7:00. See map on page 10 for directions -Ed)

This month's presentation at the general meeting will be from Jeff 'Shorty' Stouffer K6JSI. Shorty is the owner/operator of a linked repeater network here in California. He will be discussing just how many things you can do with a UHF radio. The major topics will be how a linked repeater system works and the use of IRLP in linking repeaters. This should be a wonderful presentation.

Coming Events

Feb 6, Wed - Club mtg, program
Feb 13, Wed - Board meeting
June 22,23, Sat,Sun - **FIELD DAY**

Goodie Table

PARC thanks everyone who brought goodies to the last club meeting.

We did not keep a record of who you were, but the goodies were GREAT!

WANTED:

ONE GOOD EDITOR!

HELP HELP HELP HELP
HELP HELP HELP

Charlie Ristorcelli NN3V@amsat.org

After MANY, MANY, MANY years of service as Scope Editor, W9FQN (Stan) announced he is taking a break and will no longer edit Scope, effective with the January edition.

For the immediate future, beginning with the February issues, on a temporary basis Scope will be prepared by a back-up team to ensure it is published monthly.

BUT WE MUST FIND A NEW EDITOR!

I solicit anyone interested in helping to contact any PARC Board Member **IMMEDIATELY.**

Without your help, and the volunteerism of a new editor, we will not be able to assure continued, consistent publication of Scope.

Skills for editor are modest (obviously, no one can just step in to replace Stan's legendary work).

But as with all things, we have to move forward. We are looking for someone who is computer

knowledgeable in desktop publishing, and who will work with the Board to develop a process for continued editing of Scope.

73 DE NN3V

President's Message

Charlie Ristorcelli NN3V@amsat.org

President's Message. - Greetings to all. Looks like 2002 is off to a running start.

As the year started, I was in "the woodwork" listening to an interesting QSO on 146.730 between a new licensee and an "old timer" regarding the purpose of ham radio. The new licensee's comments caused me to go home, dust off and boot up my I.E. 5.0 web browser, point it at <http://arrl.org> where I found the following FCC Part 97 prioritized definition of Amateur Radio's purpose:

"The rules and regulations in this Part are designed to provide an amateur radio service having a fundamental purpose as expressed in the following principles:

- (a) Recognition and enhancement of the value of the amateur service to the pub-

lic as a voluntary noncommercial communication service, particularly with respect to providing emergency communications.

- (b) Continuation and extension of the amateur's proven ability to contribute to the advancement of the radio art.
- (c)

It was refreshing to hear the new licensee speak authoritatively about that opening preamble. She was convinced of the importance of service, and while she was aware of emergency service communications (she mentioned ARES and RACES), what piqued my ear was her questioning the "old timer" about how she might experiment with modes other than those available from her hand held, as she wanted to learn about worldwide communications, and how to help disaster relief overseas.

I was impressed by her combination of the two first elements of the FCC's introduction of Part 97. She was interested in emergency services, and also wondering how to set up for long haul communications. She started out with the "hand held rice box" available at Radio Shack (or any other place such as HRO, AES, etc), and is now looking for guidance on how to experiment!

One of the most valuable services PARC can offer San Diego county is a strong outreach to new licensees (even Extras) to help them as they "climb the ropes" of ham radio, as that YL indicated she was trying to do in her QSO, and her questioning of the "old timer" about experimentation opportunities.

PARC has a long-standing and rich history in San Diego County in

service and ham radio experimentation.

That is one of the reasons the PARC Board of Directors is creating a non-voting Board membership position for a new licensee. That position's mission is to be focused on bringing new Ham's questions and interests directly to the PARC Board. We look forward to increasing PARC's relevance to the San Diego.

Us "old timers" (I'm not THAT OLD) frequently take for granted the many "radio lessons learned the hard way" that we've accumulated over the years, and fail to see the relevance of those lessons to the needs of the new Ham radio community. They need authoritative, reliable operating and "elmering" information.

73 de NN3V

PARC Hikers Group Overnight Barbecue & Hike

DATE: February 16,17 and 18, 2002

PLACE: Janis and Ed's Single Tree Ranch, Shelter Valley

TIME: Barbecue will be Saturday night with a day hike planned for Sunday.

DIRECTIONS: Take Highway 78 through Julian and down the Banner Grade until you come to the junction of Highway 78 and S-2. turn right onto Highway S-2 and proceed about 4 miles. Take a right turn onto Great Sandy and then go about 1/2 mile. Turn left onto Grubstake. Then turn right onto Last Chance and look for the sign on the right side saying "Janis and Ed's Singletree Ranch".

WEATHER: This is winter and it can get pretty cold, so dress according to the weather forecast.

WATER: Two gallons should be plenty, depending on your needs.

ITINERARY: Plan on arriving anytime after noon on Saturday and setting up your shelter. Barbecue will start at 6pm with hors d'oeuvres at about 5pm. Please bring hors d'oeuvres to share with the group. After the dinner we will have a campfire (weather permitting) and tell campfire stories, so bring your favorite story or read one from my Native American stories book.

On Sunday we plan on hiking Whale Peak from the west approach. This will be an all day hike and we will have to leave our campsite at 7:30 am in order to finish the hike before dark. I would consider this a strenuous hike with rock scrambling and hill climbing involved. After the hike everyone is invited to spend the night if you are fortunate enough to have the next day as a holiday.

EQUIPMENT: This is basically a campout, so bring your camping equipment and all your necessary equipment for a day hike.

There is enough equipment at the cabin to do cooking and dishwashing so you won't have to bring a stove or any cooking equipment. You may want to bring something to sit on around the campfire. This is a primitive setup with no electricity or water. Two small porta potties are available for the YL's. The OM's use the bushes and the potties as necessary.

FOOD: Bring whatever you want for the barbecue and for the hors d'oeuvres. (bring your favorite beverage for the barbecue). Plus food for the meals that you plan on having at the cabin. Don't forget the food and trail snacks for the hike.

CONTACT: Ed asap to confirm your spot under the stars

Please email Ed at

W6ABE@amsat.org

if you have any questions.

Club Membership

Al Donlevy

W6GNI@amsat.org

Good News:

More New Members Joining PARC: KG6IZK, N6CRF, NP4MV, and WP4CUJ.

When you hear these calls on a repeater, greet our new and renewed members.

Sign-in Sheets: Please print, so that it is easy for this half blind member-

Treasurer \$\$, \$\$\$

Jo Ashley

KB6NMK @amsat.org

ASSETS

Cash and Bank Accounts	
876-1216457-6	2,503.25
876-1216625-9	2,654.41
876-1216778-6	2,638.22
876-1391556-4	3,175.64
Ckg 0682 010566	930.65
Post Office	103.87
TOTAL Cash and Bank Accounts	12,056.04
TOTAL ASSETS	12,056.04

LIABILITIES & EQUITY

LIABILITIES	
Pre-paid dues	7,911.00
Prop. Insurance	600.00
TOTAL LIABILITES	8,511.00
EQUITY	3,545.04
TOTAL LIABILITIES & EQUITY	12,056.04

Note: CD179-1311891-8 of \$3145.65 was transferred to checking at or near the time this report was generated. It does not show up in this report, but will in the next months report... NE6O Interim Editor

ship person to read it. This is where I get the info to enter the activity points. New activity point totals will be printed again next month.

Also you will notice that the sign in sheets now have a place for your e-mail address. Again, please print clearly. The e-mail addresses will be used to update the database. As you know, several companies that provided e-mail service have shut down. We try to keep up to date! If your e-mail address is missing, or wrong, please send an e-mail to W6GNI@amsat.org.

Please check your Scope label every time.

73 and Thank you. Al, W6GNI

WORK PARTY

de AB6QT.

On Wed. Jan 16, Jerry WB6FMT, Stan W9FQN, Mike AB6QT, and Paul KB5MU went to the repeater site to work on several projects.

The autopatches were tested and all was found to be OK except for the 447.0 patch. It was determined that there is a desense problem in the 447 system that is causing problems, so I took it home for more testing. It underwent Spectral Analysis recently (July 2000), by Art KC6UQH, and was in good condition at that time. However, it *appears* that the transmitter is now unhealthy in some way causing feedback into the receiver. Hopefully it will not be left off the air for long.

The other project that was done has to do with the site power distribution. Paul KB5MU assisted

me in taking measurements of ground current (in places where there should be no ground current), and we removed covers from many electrical boxes so as to document the system for further understanding. No current should exist in the Earth ground, and so this project will continue until it is fully understood.

Many thanks to Jerry, Stan and Paul during this work party.

73 de Mike AB6QT

As of Wednesday, January 16th, the autopatch system was working on the .73, .13, and .075 repeaters. The 447.00 repeater was removed so that the transmitter could be looked at on a spectrum analyzer. There is a repeater receiver desense problem when an autopatch is being run and

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!

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

Last Month's Fold & Staple Crew

KG6AEW Victor M		K6ML Jim P
N6OYG Victor		KB6NMK Jo
N6UZH Terry	&	MY2KD
W9FQN Stan		W6GNI Al

the 447.00 repeater is being used. When the patch system is activated via the 447.00 repeater, the 447.00 transmitted signal and its PL is getting back into the 442.00 receiver. The patch on 447.00 is inoperative until we can find the cause of this "mixing" problem.

de Jerry WB6FMT

HAM BIO

de KC6UQH

I believe Tony, KC6QHP was 14 years old when he started attending the San Diego Microwave Group meetings. Tony had a strong interest in using microwaves to send data between computers. His Dad brought him to our meetings. With the help of Kerry, N6IZW, Chuck WB6IGP, Ed, W6OYJ and the rest of the group, Tony was able to complete his project and submit it to the Science Fair in his Senior year of High School. Tony continued his studies at UCSD and Graduated 1999. While at UCSD Tony introduced Jeff, KF6PBP to the Microwave Group. Both have built 10 GHz Transverters, 24 GHz Gunn Plexers and Tony built a 24 GHz Transverter. They have been active in several 10 GHz and up contests. They chose and worked together on a Senior Class project, the design, construction, and testing of a 24 GHz 2-stage low noise amplifier. Jeff has contributed many construction photos of Microwave equipment that he and Tony constructed to the SBMS web site. Tony and Jeff are currently doing Graduate work, Tony at UCSB, and Jeff at UCSD. Both are already accomplished Engineers in the field of RF design, thanks in part to Amateur Radio and the opportunity to learn by doing while studying the theory in College.

The exposure to Engineers who have chosen to make their hobby part of their career in this case has, without a doubt, given these two young men a tremendous head start over their classmates. I often wonder why we tend to concentrate our efforts in recruiting new amateurs at the junior high level, when Amateur Radio can also be a very effective tool in training at the college level. The least we should do as amateurs is make sure that students are aware of all aspects of Amateur Radio not just HF. Most all of modern communications takes place in the microwave region of the radio spectrum. Amateur's have access to large amounts of the microwave spectrum as well as access to satellites. When recruiting we must keep the 21st century in mind.

Let us also not forget the tireless energy that Kerry, N6IZW has put into the Microwave Group. He has been holding Monthly meetings at his house as well as Net control for the Monday night Microwave Net for as long as I have been an Amateur Radio Operator. Kerry has also obtained an agreement with his employer to provide surplus equipment to Amateurs for experimentation. Chuck, WB6IGP who writes for 73 Magazine, spends most of his spare time finding surplus items that can be used for projects and providing documentation of the projects built by members of the microwave group. Ed, W6OYJ has spent many years constructing and operating on these bands, has a wealth of knowledge on Microwave propagation. And most important all the members of the Microwave Group are more than willing to share information on the subject of microwaves, if asked.

Art, KC6UQH

Committee

Chairmen

AREInfo. -Dennis S **K7DCG@amsat.org**
 Attendance -Al **W6GNI@amsat.org**
 ATV -Bills KB6MCU **W6GIC@amsat.org**
 Auction -Jim C. **NE6O@amsat.org**
 Badges new -Al **W6GNI@amsat.org**
 Batteries -David KD6EBY **DAT@Gerry.Palomar.caltech.edu**
 BBSMonitor -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 -Bills **KB6MCU W6GIC@amsat.org**
 Inventory -Dennis B **dennisKD6TUJ@juno.com**
 MtgGoodies -Jim E **W6SST@juno.com**
 Membership -Al W6GNI **aldonlevy@juno.com**
 Nets -
 Newsletter -
 PALBBSpkt -Bruno H **KF6QDP@amsat.org**
 Patch Info -
 PatchETronics-Jerry H **WB6FMT@amsat.org**
 Picnic -PaulD **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 -
 NashWilliams@CompuServe.com
 Rptr Site -
 Rptr Skeds-
 SANDARC - **KD6RFQ@amsat.org**
 -
 SellerTable -John K **WB6IQS@Juno.com**
 AstSWDivDir-Walt **WA6ODQ@arrl.net**
 TechSite -Mike D **AB6QT@amsat.org**
 TestingVE -Rusty M, **DuneDancer@worldnet.att.net**
 Training - **W6NWG@amsat.org**
 TrusteeW6NWG-Mike D **AB6QT@amsat.org**
 Web Site -Frank L **KE6WOE@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 **N6IZW@qualcomm.com**
 Off Road -Jerry A **jwak6pfp@cts.com**
 -Dick W **KA7AYT rwilimek@home.com**
 Sailors -
 Traffic(SDCTN)-CharlesN6TEP **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.

For Sale

(12.11)CW KEYER MFJ-401D less than year old includes pwr adapter & manual \$35; Bernie N6FN 760-781-5522Wk, 760-746-7411Hm.

(12.11) **Drake** Communications Receiver Mod 2-B \$100; Calrad SR-16 SWR bridge \$10; Ruth 760-727-3178 Vista.

(11.20)**Ten-Tec** HF Corsair 80-10m w/ pwr sup \$300; Kantronics KAM + cables, Hostmaster II + Pactor \$100; Yeasu FT227R 2m Memorizer \$30; Icom IC25H \$30; Isopole ant \$10; G5RV full size 80-10m new \$30; HP Deskjet 660C printer \$40; Max KB7RNP maxkb7rnp@aol.com 909-696-8495.

(11.19)10m 4el beam SS hardware asking \$75; 13el 2m beam SS hardware \$30; Bayard K6GAO 619-594-6063 days or 858-755-5507 nights. (10.27)**Heathkit**-SB-200 amp(10-80m) \$300; **KENWOOD** TMV7A 2m/440 mobile w/mobile mount - no separation cable \$325; **ICOM** 706 w/ separation cable \$500; **ICOM** 471A allmode 420-450 mhz \$400; **TIMEWAVE** DSP 59+ make offer No trades. KO6ET@amsat.org Steve.

Jeff N6FRW Grace N6WPA

The NiCd Lady Company

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 e-mail: nicdlady@nicdlady.

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 Editor before the 20th of each month.

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

Editor: W6NWG@amsat.org

(10.22)**BNC** cables are RG-63/U, 93 ohm, about 25 feet long \$1ea: Fred Brown fwb@cts.com Palomar Mt.

(9.19)**N6OLE** Home made Grid Dip Meter with docs, must see to appreciate this work of art (Best Offer); Sears **ROAD-TALKER40** SSB XCVR \$50; military throat mic + headphones BO; Precision "Steel Six" lab mtrs. \$5 ea; Proximator I

vehicle det. \$2; **Olson** CB067 Swr Mtr. \$3; Keithly Auto R. Mtr. \$15; Motion Det. Solfan 5240 \$5; 25v.3A Reg. Pwr Sup \$20; Sabetronics Freq. Cntr mod. **8110A** \$20; **Healthdyne** Lab digital thermometer mod. 2000 \$5; call AB6QT at 760-742-1573 after 5pm.

(9.05)**Kenwood** 30A pwr new box \$??; **Icom R100** unblocked scanner 1-1856MHz \$400; **Yaesu** FT23 TTP-EC/DC \$124; **Yaesu** FT7005 TTP-EC/DC \$150; Yaesu Spkr mic \$30 & VOX headset \$20; Yaesu(2) NC29 chargers \$50ea; Yaesu NC37 charger \$55; (above OBO + 4 batteries); Complete listing of above and other items at meeting (see W9FQN): Stu K6EXL 760-757-9206.

(8.20)**Heathkit** DX-35 Transmitter, Heathkit Conelrad Alarm CA-1, Titan 6 meter base amplifier 100w, WRE Decade Resistor model ARD-41, HP 34072A digital multimeter & will accept reasonable offer: Harold KG6DVD 760-630-8701

(6.29)**Icoms** IC-2100H \$139 OBO 5mo old w/instructions manual box & no mods; IC-T7H Dual Band Handheld \$139 OBO manual, box, good condition, little use: KG6AZK 619-588-2493 jacox@home.com

HAM RADIO OUTLET

Tom KM6K
Ron N6OMW

H
R
O

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.

(5.09)**ESTATE KG6AMQ(SK)** Sale-

1. **Yaesu** YS-60 1.6 - 60 MHz Power & SWR Meter. Meter has 0 - 2 kW power handling capacity. Mint condition \$140

2. **VCI** V300M 300w HF ant. tuner \$85

3. **Yaesu** SP-767 speaker and phone patch. Ideal for use as a phone patch and external speaker for any HF rig \$80

4. Radial **Larsen** 2m glass mt 1/2 ant \$40

5. **Van Gorden** HI-Q 1-1 Balun \$20

6. KB6MT High speed code course (3 cassette tapes & manual) \$15

7. **Technician** "No-Code Plus" FCC license preparation course. 3rd. edition. Questions effective through June 2001 \$5

Prices negotiable to best offer, contact 619-686-5607, or NN3V@amsat.org

WANTED:

(01.19) Wanted: Kenwood TS 530, good condition only.

Contact: Orly at orly42320@aol.com

(10.22)Need diagram of **Tempo-1**: Fred Brown fwb@cts.com Palomar Mt.

(8.26) Wanted Heathkit Apache transmitter and **Heathkit** Mohawk receiver: Hugh K4ESQ via W9FQN@Juno.com

(5.28)**Wanted kit builder** (Elecraft K1 kit): Don KF6NMA Poway (858) 486-5927 donald@henkearchitect.com

Contests

Harry Hodges W6YOO@amsat.org

Feb 2 DE, VT, NH, & ME QSO Parties

Feb 2 Freeze your buns off QRP QSO Party

Feb 3 NA SSB Sprint

Feb 9 CQ WW RTTY WPX Contest

Feb 10 NA CW Sprint

Feb 16 ARRL DX Contest, CW

Feb 22 CQ WW 160 Mtr Contest, SSB

Feb 23 NC QSO Party

Feb 23 CO QRP QSO Party

Mar 2 ARRL DX Contest, SSB

Mar 10 WI QSO Party

Increase your WAS count with the many state QSO parties in February. Mid February sees the ARRL International DX Contest for CW buffs and the SSB contest is in early March.

Rules are in QST, CQ, Worldradio, and the National Contest Journal.

See you in the contest!

73, Harry, W6YOO

(This column intentionally left blank) *

* Not really, but it is a lot of work to make the copy come out right. We need a skilled editor!.. NE6O

Repeater Status 12.16.01

146.730+ : Normal
147.075-: Normal ?
147.130-: Normal
447.000-: Normal *No patch attached*
52.680 : Normal?
146.700-: Packet Repeater Normal
145.050s : Packet Digi Normal
PALBBS : Bulletin Board Normal
AutoPatch: Normal except for 447.000
ATV : Operational

Work Parties

Minutes

Palomar Amateur Radio Club, Inc. Board of Directors

January 9, 2002

The regular monthly meeting of the Board of Directors was called to order by NN3V at 7:02 PM on January 9, 2002, at the home of NN3V.

Present were:

President:

NN3V, Charles Ristorcelli

Vice President:

KF6WTN, Mark Raptis

Treasurer:

KB6NMK, Jo Ashley

Secretary:

KB5MU, Paul Williamson

Director #1:

NN6X, Paul DeCicco

Director #2 :

NE6O, Jim Cooper,

Repeater Technical Chairman:

AB6QT, Mike Doyle

Technical, autopatch, repeaters, etc:

AB6QT@amsat.org (Rptrs); W9FQN@amsat.org (autopatch/work parties)

pg.7

Membership Chairman:
W6GNI, Al Donlevy,

Visitor:
WB6IQS, John Kuivinen

Treasurer's Report

KB6NMK stated that the Treasurer's Report would be available in a few days. A bill for electricity for PALBBS has been received from WB6IQS, and will be paid routinely.

Secretary's Report

KB5MU circulated copies of the minutes of the December meeting, with minor modifications from the version published in the Scope. KB6NMK stated that the summary of the discussion of tax rules in the minutes was incorrect and misleading. Our accounting practices are those prescribed by the IRS. **Motion** by AB6QT that the minutes be amended by deleting “, and that a

more complete accounting of the club's assets might put us over the threshold.” and that the minutes be approved as amended. **Seconded** by KF6WTN. Motion **passed** unanimously.

Board Member Designations

NN3V stated that he considered the issue of Board member designations closed by the email discussion wherein he re-appointed W9FQN, AB6QT, and W6GNI to fill the three Board seats reserved for the chairmen of standing committees, and all Board members (by email or by phone) approved the designations. **Motion** by KB6NMK that the Board ratify this action *nunc pro tunc* (that is, “now for then”, or retroactively). **Seconded** by NE6O. Motion **passed** unanimously.

From MILLIWATTS to KILOWATTS

RF POWER TRANSISTORS - TUBES - POWER MODULES
Best pricing on U.S. & Russian Transmitting & Receiving Tubes

3-500ZG - 3-600Z - 811A - 572B

4-400C - 6146B & W - 8072 - 8560AS - 8873 - 8875

3CX400A7 & U7 - 3CX1200A7 & Z7 - 3CX1500A7 - 3CX3000A7

4CX250B & R - 4CX400A - 4CX1600A - 5CX1500A

Plus full inventory of Broadcast Tubes to 20KW

Complete Inventory for servicing Amateur and Commercial
Communications Equipment

Transistors - Modules - Diodes

Relays - Trimmers - Capacitors

Heatsinks - Transformers - Chokes - Combiners - Wattmeters -
Books

Send for your FREE 2000 Catalog at

e-mail: rfp@rfparts.com

(800) RF-PARTS - (760)744-0700: fax (760)744-1943

RF PARTS, 435 S. Pacific Street

Club Web Site Domain Name

NN6X had previously suggested that the Club update its web site, including obtaining a memorable and distinctive domain name for the site. He suggested we get both www.palomararc.com and www.palomararc.org, and reiterated his offer to pay the initial costs through his business. The consensus of the Board was that NN6X should proceed with obtaining one or more domain names at his discretion. NN3V recognized the hard work of webmaster Frank Littlebury, KE6WOE, in creating and maintaining our current web site. He recommended that a meeting be held with KE6WOE to outline the action and advantages of PARC having a domain name, and to seek his ideas, before any further action is taken. A short email exchange with KE6WOE had already taken place, but without conclusion. W6GNI volunteered to contact KE6WOE on this subject.

Participation Points for Net Control Operators

NN3V presented a proposal offered by Charles Miele, N6TEP, net manager of the NTS traffic net, to reward diligent net control operators with participation points. KB5MU pointed out that participation points have some monetary value, since they are used to allocate tickets for the prize drawing at the annual picnic. He believes that accepting points for on-air operation may violate FCC rules against pecuniary interests. Extensive discussion followed. AB6QT stated that he believes there is already a written policy on the awarding of participation points. KF6WTN suggested that the issue be tabled until this can be researched. W6GNI volunteered to

search for the written policy and to respond to N6TEP in the meantime.

Repeater Worksite Scheduling

NN3V mentioned the statement in the January Scope, written presumably by W9FQN, that “W9FQN will not be scheduling anymore work parties.” He further mentioned an email message from W9FQN, in which W9FQN declined to serve on the Board or as Repeater Site Chairman. NN3V had not yet read this email message. No Board action was taken.

SANDARC Representation

NN3V stated that he had received a message from Skip Cline, KD6RFQ volunteering to represent the Club to SANDAG [sic]. The Board assumed he meant SANDARC, the San Diego Amateur Radio Council. **Motion** by KB6NMK to appoint KD6RFQ as a Club representative to SANDARC, along with the existing representative Sybil Allbright, W6GIC. **Seconded** by KB5MU. **Motion passed** unanimously. NN3V volunteered to contact KD6RFQ. The Secretary will send an appointment letter to SANDARC.

Rent from Site Tenants

W6GNI stated that he had received a check from the chief engineer of KGB, to pay rent at the current rate through September for their repeater at our Palomar Mountain site. It was unclear to the Board what period this check was intended to cover, and whether the rate is still appropriate. KB6NMK stated that Lyell Kinney, K6GVM takes care of billing for rent and Scope advertisements, and volunteered to contact him to get the current status.

TASMA and 146.700 Packet Repeater

AB6QT stated that users have reported interference to our packet repeater on 146.700 MHz from the Sunset Ridge voice repeater on the same frequency pair. WB6IQS gave a summary of the history of the 146.700 repeater, starting in 1993 with a RTTY repeater and converting to packet, with written notice to TASMA, in 1994. WB6IQS volunteered to communicate with the interference reporter and get more information about the extent of the problem.

New Licensees' Representative to the Board

NN3V stated that he had found two volunteers to represent the interests of new licensees to the Board, but that he was looking for other candidates before making his selection. NN3V asks Board members to talk it up on the repeaters.

Electrical Problems at the Repeater Site

AB6QT stated that he would further investigate the improper ground currents observed at the repeater site during a work party with Jerry Houser, WB6FMT, on January 16. KB5MU volunteered to assist.

Enclosures for Video Cameras

KF6WTN stated that he is looking for suitable enclosures for video cameras to be placed outdoors at

the repeater site for security. WB6IQS suggested using glass lamp globes as an inexpensive alternative.

ARRL Monthly Report of Prospects

KB5MU had reported via email that he received from ARRL a monthly report providing the Club with names, call signs, and addresses for all new FCC licensees, new ARRL members, and self-registered prospective amateurs in the Club's coverage area. W6GNI had stated via email that he routinely sends 12 free copies of the Scope to people on this list. The number of free Scopes is limited by postal regulations, if they are to be mailed with the others at the lower rate. KB5MU stated his belief that everyone on the list should be contacted, and explicitly invited to join the club. NN3V volunteered to draft a letter to be sent out to all prospects.

Club Meeting Programs

KF6WTN stated that the program for the February meeting had not yet been determined. Prospects include NWS/Skywarn and Search & Rescue. NN3V stated that there may be a technical series starting in July, and that several members are involved in its preparation.

Scope Publication

NE6O stated that the interim Scope committee had set the following schedule for the February issue: input deadline, January 18. Camera-ready copy to the printer, January 21. Fold and staple party, January 23. A "strawdog" initial layout for the Scope was distributed via email.

Membership

W6GNI stated that club membership remains at 514.

Brochures

AB6QT noted that the supply of Club brochures at Ham Radio Outlet needed to be replenished. NN3V volunteered to do so.

Next Board Meeting

The February meeting of the Board will be held at 7:00 PM February 13 at NE6O's house, 2012 Applewood Lane in Vista.

Adjournment

The meeting was adjourned at 9:00 PM.

Respectfully Submitted,
Paul Williamson, KB5MU
Secretary

Two OMs met at the last club meeting.

The first OM says to the second OM: "Who last that YL I saw you with last night?"

The second OM responds: "That was no YL, that was my XYL"

As the preceding clearly demonstrates, we are in desperate need of good content for the Scope and a new editor to replace the ever-hard-working Stan W9FQN.

This issue of the Scope was produced as an Interim Effort until a new editor can be found. The style and appearance were kept as near the same as was easily accomplished. (With a few exceptions. You can't leave an ham alone with a keyboard and not expect him to play.)

Hopefully there are no major errors or flaws in this publication. If there are, please inform me, and accept my sincere apologies for my amateur efforts.

73 de Jim Cooper NE6O

Interim Editor

PARC NETS (06/01)

All 147.075 10-11pm MCW contacts
 All 147.130 2200+ pm Facitious Group
Sun. 146.730 8:30am AREmergency Service
Sun. 146.730 10:00am Sunday Sailor's Net
Sun. 147.075 8:45pm MARA Net
Mon. 146.730 9:00pm Microwave Net
Tue. 146.730 8:00pm Traffic Net (SDCTN)
Tue. 146.730 9:00pm Off Roothing Net
Thu. 146.730 8:00pm Traffic Net (SDCTN)
Thu. 146.730 9:00pm Ham Help Net
 (electronics, computers, antennas, license theory, etc.)
Thu. 147.075 7:30pm Young Ham Net
Fri. 146.730 9:00pm Hiker's Net
Sat. 146.730 8:00pm Traffic Net (SDCTN)
Sat. 52.680 8:00pm 6m ARES Net

"other non-PARC nets"

Convair/220 Club: 224.900 PL 107.2 Hz
 Mon 8:30pm, Tech. & News
Fallbrook ARC: 146.175 + PL 107.2 Hz
 Tues 7:00pm, General Discussions

POSTMASTER:
 Send address changes to Scope,
 P.O.Box 73, Vista, CA 92085

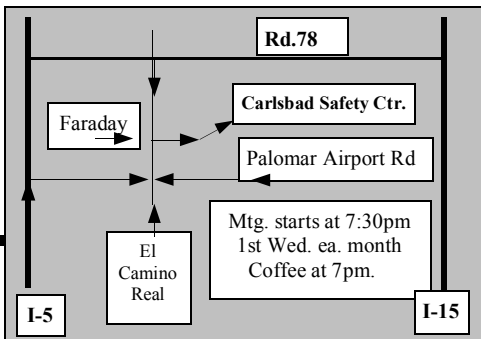
Time Dated Material

Feb
 2002
 pg.10

Periodicals
 Postage Pd.
 at Vista CA
 92085-9998

pse cover me!

Fold, I am not sold but old and cold, I am told !



PARC Web Page

www.palomararc.org

OPEN Repeaters/CLOSED Patches

Palomar Mt. Repeaters (W6NWG)

PARC Trustee of W6NWG: AB6QT

*52.680- W6NWG, -0.5 MHz

Autopatches(4): **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": 915wbfm, 919am,

2441.25wbfm

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

*=107.2 Hz

P.A.R.C. Inc (2002 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
 (760-742-9924PalomarMt) KB5MU@amsat.org

Treas: Jo Ashley KB6NMK 760.741.2560
 KB6NMK@amsat.org

Dir#1: Paul DeCicco NN6X 619-595.0500
 NN6X@amsat.org

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

MSh: Al Donlevy W6GNI 760.630.3096
 W6GNI@amsat.org

Technical: Mike Doyle AB6QT 760.742.1573
 AB6QT@amsat.org

Web Pages

PARC's Home Page -

www.palomararc.org

Rod's General Home Page - AC6V

<http://ac6v.com/>

ARES Alert Publication

<http://www.qsl.net/sdgarr1/alert.htm>

Tom's Hiker's Home Page - KF6PAZ

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

PARC Testing - tests given each 2nd

Saturday at 9:30 am in the Carlsbad Safety center in Carlsbad. Contact Rusty AA6OM at 760-747-5872 or at

DuneDancer@worldnet.att.net

Register 5-7 days in advance for tests.

Escondido Testing - examinations on the LAST Saturday @ 9:00am, Chamber of Commerce, 720 N.Broadway, Esc 92025. Contact Harry W6YOO 760-743-4212.