



Palomar Amateur Radio Club

August 2002

August Meeting

23cm and DOWN

Art McBride KC6UQH

Come here about those micro-waves and what's doing there. It will be interesting and different, you can be sure.

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

Imagine this. It is August, and Labor Day is just 4 weeks away!

Time is fun when you are having fun! (Hi, HI, Hi)

Have you enjoyed your hobby this summer? I mean really, really, enjoyed ham radio this summer? How?

Has it been the pleasure of chatting with good friends on the repeater(s)? Was it the chance to go to the Del mar Fair, and enjoy camaraderie with fellow hams? Maybe stop by the booth, and chat with PARC members? Was it the pleasure of coming to PARC Club meetings to enjoy the programs? Or maybe the chance to have an "eye ball" with fellow hams at the eateries in Carlsbad before the Club meetings?

I ask these questions because I wonder if you have an appreciation for the benefits derived from PARC? Many of the opportunities described above result from the Club's presence in the area. Do you know some of the facts associated with PARC, especially those that make us different from other Ham clubs in California, or for that matter, different from Ham Clubs all over the USA? Consider that, aside from the advantage of having a repeater site at 5,000+ feet, that

gives us unparalleled coverage all over Southern California, on some 8 different repeaters, PARC owns the land upon which the repeaters are placed!

Recognize that because we own that land, our repeaters are not subjected to the vagaries of uncertain landlords, and uncertain access to our equipment, as befalls many a ham club in the USA.

Do you know that the majority of equipment we need to remain a viable service organization in the event of a natural disaster is owned by PARC? There are not many ham clubs in the United States that can point to a core of material and equipment that allows the Club to be a "presence" in the Ham Radio community.

Please take note that the PARC Board Of Directors is actively engaged in revamping the procedures by which all that equipment and real property is managed, and stored. As "real property owners" at our repeater site, please welcome K6WJH (Bill Hoffman) who generously volunteered to serve as our "property manager", representing the Club's interests in affairs associated with the Palomar Mountain community. Also take note that in response to a request that we remove Club property accumulated over many years at our

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.

traditional storage facility, we are investigating a new, and more convenient location, for placement of a permanent storage capability.

I ask that you be generous with your spare time, and volunteer when we call for help in moving equipment, as well as when it is time to renovate the old storage areas at the repeater site, as they also are in need of replacement, maintenance, and upkeep. All these actions take time, effort, and resources in order to keep the Club a viable organization, and to make sure that should you need help in various amateur related activities, or services, we are in position to extend a hand. Are

Web Pages

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

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

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

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

you going to the Southwest ARRL Convention in Escondido August 16 - 18!? How about the swap meet at the convention on August 17th? Have you volunteered to staff the PARC Table for a couple of hours? We'd be delighted to have you help us! (Contact NE6O if you can help).

I hope to see you at the convention!

73 de NN3V

Board Minutes

The regular monthly meeting of the Board of Directors was called to order by KF6WTN at 7:08 PM on July 10, 2002, at the home of KB6NMK

Present :

Vice President

Mark Raptis, KF6WTN

Treasurer

Jo Ashley, KB6NMK

Secretary

Paul Williamson, KB5MU

Director #2

Jim Cooper, NE6O

Repeater Technical Chairman

Mike Doyle, AB6QT

Membership Chairman ,

Al Donlevy, W6GNI

Visitor/Club Assets Chairman

Dennis Baca, KD6TUJ

Visitor's

Merle Risdon, KR6BT
Steve Early, AD6VI

Treasurer's Report

KB6NMK circulated copies of the Treasurer's Report. **Motion** by KB5MU to approve the

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 KB5MU@amsat.org
760.742-9924 Palomar Mt.

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

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

New Members:
Mike McMahan KG6JMP
760.207.9544 KG6JMP@amsat.org

Repeater Status 12.16.01

146.730+	: Normal
147.075-	: Intermittent
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	: Operational

Treasurer's Report. **Seconded** by AB6QT. Motion **passed** unanimously. KB6NMK stated that some reimbursement requests for Field Day expenses were waiting for NN3V's approval.

Secretary's Report

KB5MU stated that the minutes of

Last Month's Fold & Staple Crew

KG6AEW Bill	K6ML Jim P
WA5ACE Sonny	KB6NMK Jo
N6UZH Terri &	MY2KDS
KB6AEW Anita &	B6YHZ Art

July Goodie Givers

W6ASP	Preston
N6ISC	Paul
KF6MYE	Jerry

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

Jo Ashley **KB6NMK@amsat.org**

ASSETS

Cash and Bank Accounts	
CD	\$2,555.75
CD	\$2,711.43
CD	\$2,674.57
CD	\$3,253.87
Checking	\$4,945.75
Post Office	\$ 93.85
TOTAL ASSETS	\$16,235.22

LIABILITIES

Pre-paid dues	\$ 9,740.00
Prop. Insurance	\$ 600.00
TOTAL LIABILITIES	\$10,340.00
EQUITY	\$ 5,895.22

TOTAL LIABILITIES & EQUITY

\$16,235.22

the June Board meeting were as published in the Scope. **Motion** by W6GNI to approve the minutes as published. **Seconded** by NE6O. Motion **passed** unanimously.

Membership Report

W6GNI reported that the club has 509 members plus four new members signed up at Field Day. He asked for and received the consensus of the Board that activity points should be awarded for manning the

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.

amateur radio booth at the San Diego County Fair.

AD6VI noted that the club's web page for membership does not include the family membership rates, and KB5MU agreed to add that information.

Repeater Technical Report

KF6WTN noted that the 147.075 MHz repeater appears to be down again. AB6QT stated that he and KC6UQH had worked on it and found some intermittent problems. KC6UQH has a backup repeater controller of the club's, and intends to combine it with some radios he has available to create a backup repeater which can be substituted for any of the club's 2m repeaters when needed. When the backup repeater is available, the existing 147.075 MHz GE Master2 repeater can be taken down for overhaul.

The 70cm 9600-baud "metro link" packet node is receiving poorly, causing connectivity problems for PALBBS. This began around the time of some unrelated tower work, which may or may not be significant. Work on this will occur as time per-

mits.

AB6QT reported that he had not contacted TASMA as yet. He stated that his work schedule would prevent him from attending TASMA's weekend meetings, and asked for another Board member to take over that work. NE6O agreed to discuss it with AB6QT.

Fire Clearance at the Repeater Site

AB6QT and AD6VI met at the site to decide on the agenda for the July 20 work party. Several stumps were identified for removal to make room for a new storage container at the site. AD6VI reported that it would not be practical to remove the stumps completely, so the plan is to simply cut them off flush with the ground. Other work party members will remove limbs from trees up to ten feet off the ground, except certain trees around the perimeter which were planted for a visual screen. The leaves will be left on the ground, but loose branches and other clutter will be removed. AD6VI expects to have a crew including 11 to 12 members of MARA, plus 3 to 4 other club members, meeting at Mother's Kitchen at 10:00 AM.

The debris from the cleanup, plus several piles of debris from a cleanup work party late last year, will be chipped using a suitable rented chipper. AB6QT has a query in to the U.S. Forest Service about whether the chips may be left on the ground, or must be disposed of elsewhere.

AD6VI reported that the required chipper costs \$150/day

Committee Chairmen

ARESinfo.	-Dennis S	K7DCG@amsat.org
Attendance	-Al	W6GNI@amsat.org
ATV	-Bill S	KB6MCU W6GIC@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	-Bill S	KB6MCU W6GIC@amsat.org
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	-	
PatchETronics	-Jerry H	WB6FMT@amsat.org
Picnic	-Paul D	NN6X@amsat.org
PowerAC/DC	-Mike P	KD6VHI@amsat.org
Programs	-Charlie R	NN3V@ARRL.net
Publicity	-Fred S	K6ISS@amsat.org
QSL Cards	-Merle R	KR6BT@Juno.com
RACESinfo	-Jo A	KB6NMK@amsat.org
Red Flag	-	W6HCD NashWilliams@Compuserve.com
Rptr Site	-Mike P	KD6VHI@amsat.org
Rptr Skeds	-	
SANDARC	-	
SellerTable	-John K	WB6IQS@Juno.com
AstSWDvDir	-	
TechSite	-Mike D	AB6QT@amsat.org
TestingVE	-Rusty M,	DuneDancer@cox.net
Training	-	W6NWG@amsat.org
TrusteeW6NWG-Mike D		AB6QT@amsat.org
Web Site	-	

(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	fwak6pfp@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

to rent in La Mesa. KF6WTN stated that the same chipper can be rented for \$100/day in Valley Center, which is much more convenient to the mountain. **Motion** by W6GNI to allocate up to \$150 to cover the expenses for the site cleanup on July 20. **Seconded** by KB6NMK. Motion **passed** unanimously.

New Real Property Manager

AB6QT stated that a volunteer to serve as the club's Real Property Manager has been found. Bill Hoffman, K6WJH, is a lawyer and President and CEO of property management company Trigild Corporation, and his expertise in real property issues will be a great asset to the club.

Storage Facility

KD6TUJ reported that he had a definite verbal agreement from the family owners of TOWizard to place a long-term club storage facility, up to a 40-foot cargo container, within their secure double-gated yard at 1040 Airport Road in Oceanside, at no cost to the club. The site is level, so only minor work will be required to place a cargo container there. Access to the site by tractor-trailer (for delivery of the cargo container) is possible, but requires extra care.

Members of the Board expressed a desire for a somewhat more formal arrangement, such as a written agreement protecting the club's ability to access the equipment and providing for some notice before termination. KF6WTN agreed to meet with the owner of TOWizard in order to discuss our needs and try to come to a formal agreement. **Motion** by KB5MU that KF6WTN is authorized to make such an agreement on behalf of the club. **Seconded** by KB6NMK. Motion **passed** unanimously.

KF6WTN stated that it would be desirable to be ready to purchase and install the cargo container promptly after concluding an agreement with TOWizard. **Motion** by AB6QT to allocate up to \$3000 to KF6WTN for purchase, delivery, and installation of a 40-foot cargo container to be placed at the storage facility. **Seconded** by KB6NMK. **Motion passed** unanimously. KF6WTN stated that he would also inquire about the possibility of a discount price for a second, smaller cargo container to be placed at the repeater site.

WAS QSL Card Checkers

KF6WTN read an email message from Harry Hodges, W6YOO, suggesting that the club nominate local QSL card checkers for the ARRL's Worked All States award program. In the email, W6YOO volunteered to check HF cards. NE6O volunteered to check VHF cards, if he meets the ARRL's qualifications. **Motion** by KB6NMK that the club nominate W6YOO and NE6O as ARRL WAS QSL card checkers. **Seconded** by W6GNI. **Motion passed** unanimously. KB5MU agreed to write the letter to the ARRL.

[Secretary's note: it turns out that only an ARRL Special Service Club may make such a nomination, and PARC is not currently designated as a Special Service Club.]

ATV Link Site

Via email, W9FQN pointed out that he has been hosting at his house an amateur television

(ATV) link facility between our Palomar Mountain site and Santiago Peak, and asked that this link be relocated. KF6WTN stated that his house would be an excellent site for such a link.

ARRL Southwestern Division Convention

NE6O stated his intention to attend another meeting of the ARRL Southwestern Division Convention planning group as a representative of the club. He will sign the club up for a free table, but volunteers must still be found to man the table.

Dues Increase??

KR6BT stated his opinion that the Board should consider increasing the membership dues. He presented figures from several other local clubs, which all have higher dues, provide fewer services to members, and do not own substantial property as PARC does. Additional money

Jeff N6FRW

Grace N6WPA

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www.nicdlady.com

e-mail: nicdlady@nicdlady.com

could be used to purchase new equipment for the repeater site, possibly improving reliability, and for other membership benefits such as a prize raffle at club meetings. The Board agreed to take up this issue at a future meeting.

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Contest Corral

Aug 3 10-10 Int'l Summer QSO Party, SSB
 Aug 3 North American QSO Party, CW
 Aug 3 ARRL UHF Contest
 Aug 10 MD/DC QSO Party
 Aug 10 Worked All Europe Contest, CW
 Aug 17 North American QSO Party, SSB
 Aug 17 New Jersey QSO Party
 Aug 17 ARRL 10 GHz Cumulative Contest
 Aug 24 SCC RTTY Championship
 Aug 24 Ohio QSO Party
 Aug 31 Hawaii QSO Party
 Sep 7 All Asian DX Contest, SSB
 Sep 8 North American Sprint, CW

Summer doldrums? Nonsense! Here's a month with something for everyone. CW, SSB, RTTY or HF, UHF, GHz or State QSO Party, Nat'l,

Int'l. - What more could you want? Complete rules are found in QST, CQ, NCJ, or Worldradio. CU in the contest.

73, Harry, W6YOO

General/Extra Upgrade Class

AD6VI, who serves as Education Coordinator for SANDARC, stated that he has found considerable demand for a General and Extra license upgrade training class in North County. NE6O repeated that he is interested in helping to provide such a class, if an experienced instruction is not available, and agreed to write an article for the Scope.

Next Board Meeting

The August Board meeting will be held at the home of KB6NMK, on Wednesday August 14, 2002, at 7:00 PM.

Adjournment

The meeting was adjourned at 8:57 PM.

Respectfully Submitted,

Paul Williamson, KB5MU

Secretary

147.075 Repeater

Tech Report: The 147.075 repeater as you know has been very intermittent for some time. It can be a frustrating thing to fix especially when it keeps "Fixing itself". Please bear with the team (KC6UQH and AB6QT) . We WILL FIND IT. The HUNT is ON. Also, for the Packet users, I am aware that the w6nwg-2 backbone is down, and I am working on it at my QTH. I removed it from the hill on 7-17 . I hope to have it resolved soon. Please keep trying to connect.

Thanks. de AB6QT.

Position Filled

I am pleased to announce that the position of **REAL PROPERTY MANAGER** has been filled. Bill Hoffman, K6WJH has accepted the position. Bill is a Lawyer in Property and Business Mangement. His expertise will be invaluable to the Palomar Amateur Radio Club. Welcome aboard Bill. !!, de AB6QT

Work Parties

Work Parties: 6-26: KD6VHI and AB6QT worked on site cleanup. Mt. Mike installed a harmonic filter on the 146.73 and worked on the intermittent on the 147.075 when it once again, started working and would not quit. AND you can't fix it when it ain't broken!. Hope to find it soon. Thanks to all who reported it being down again. de AB6QT.

6-30: Art, KC6UQH and Mike AB6QT were at the site once again, for the .075 intermittent. The repeater was working when Art left, but as it turns out, a few days later it went off again. There appears to be a problem in the XMTR Keying circuit and even if we SNEAK UP on it, it suddenly starts working, and nothing we can do at the time will make it act up again. We WILL get it eventually. Good thing we have 2 other repeaters on the band to talk on!

7-6: AD6VI Steve, KB5MU Paul, and AB6QT went to the site to evaluate what would be needed in the way of brush clearance for the

ARRL Convention

Escondido, CA

August 16th – 18th

Swap Meet - August 17th.

weekend of Saturday July 20th when AD6VI and his team will go to do the work of cutting and chipping.

7-20-02: AD6VI Steve Early and his team went to do the clearance. The following list of hams was there, and I suspect there were more than this that are unaccounted for, so please send any update to ab6qt@amsat.org for next month's SCOPE if you were not on this list, but were there. Many thanks to: NE60, KD6VHF, KC6YSO, KB6NMK, KB5MU, AD6VI, KG6GQT, KF6WXA, KG6FBV, WA6PTZ, KD6JDF, KD6VHI, and also, a special thanks to the U.S. Forest Service Palomar Station for overseeing the operation. It made both the neighbors and the work team feel a lot better having you there for your advice and support!.

de AB6QT.

Club Membership

More New Members Joining PARC:

William Porter (no call yet), **KC6PYU**, **KG6GYU**, and **KG6JPD**.

When you hear these calls on a repeater, be sure to greet our new members.

In addition, 2 members reinstated their membership, one for 5 years! These folks joined in June. We run one month behind on listing our new members!

**DON'T FORGET TO CHECK
YOUR LABEL EACH MONTH**

Notice your club expiration date (Month and Year) and sometimes other information. If the date is highlighted in green, you

have one more Scope and two more months of membership, if the label has a red highlight, it is your last issue, and really past time to get the renewal in the mail.

This month the label will have your "participation points" listed, after your name. I only work on written lists of participants. You must sign in at the meetings to get a point. I think that there were a number of field day participants that never did sign in at the Road Kill Café where a sign in sheet was maintained. It's not too late! Give me a slip of paper with your call, name, and what you did at field day. Even visitors get a point. Or, send me an e-mail, but only if you were there, and didn't have time to sign in on the paper list. The maximum number of points that can be exchanged for chances on the drawing(s) at the Club Picnic is 20, and several members have exceeded that already - great showing..

73 de AI, W6GNI

2002 Pacific Northwest DX Convention

DATES:

August 2 - 4, 2002 (Friday through Sunday)

LOCATION:

Monarch Hotel
12566 SE 93rd Ave.
Clackamas, OR 97015 (just minutes from downtown Portland)
(800) 492-8700

73 Lisa Zeug, K7UQT
2002 Pacific Northwest DX
Convention Publicity Chairman

For Sale

PARC Equipment: **Heathkit CW** keyers, HD-10 and HD-1410 w/ manuals \$20 each, MFJ-901B **Versatuner \$25, Palomar PT-340 Tuner** (noise bridge) \$15, **B&W 2 position SO-239 coax. switch \$10, Plantronics telephone headset/microphone \$10, ARRL Handbook 1993 \$5, 10/11 Mtr Midland CB type antenna tuner \$5, Ohmite resistors assort. drawers, 2 each \$5, ARRL CW code tapes \$2.** All recent donations to PARC, all prices negotiable and will accept more if offered, WB6IQS, John 760-727-3876 or e-mail at WB6IQS@juno.com

(7.18) **Stationary pedal bike** (made in Finland) for the exercising, training and/or heart therapy. Adj for pedalling resistance, speedometer and revolution counter, ribbon gauge, 0-60 timer, manual and more. Like new. \$125
WA6DOC Mark 760.945-1367
O'side gomark@juno.com

(7.4) **Bearcat 235** trunktracker \$100

Bearcat 245 w/comp cable \$150, box, manual. Bearcat III--8 ch. crystal scanner-\$20.
Steve KO6ET@Juno.com

(7.2) **SWL Receiver**, Panasonic Mod #RF4800, 1.6-31 mhz + FM 88-108 **Digital Freq Counter \$100, Hallicrafter Mod SKI I** Communication Receiver, 80-40-20-15&10m Double Conversion AM,CW & SSB 14 tubes, good condition, with

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SCOPE@palomararc.org

manual \$200, **Kawasaki GA I400 Portable Generator**, 120v 1400 watts, 12 v. 8.5 a., Like new condition.\$350, Ed, KK6GO 619-224-8948

(6.10) **Fluke 77 Multimeter** Analog/Digital, W/manual \$85, **B&W Low Pass Filter**, \$20, **Waters Dummy Load-Wattmeter**, 15-50-300-1500w \$85, **QST 1976-2000** Make Offer, Kris W6KTE 760-941-3555

(5.20) **Sears Window Air Conditioner** like new - \$200, MAC Performa 6400/180, scanner, trackball NEC Monitor - \$450
Junk PC 133 MHz (works) No case, NEC Monitor, CD ROM Burner, SCSI Bus - Best Offer, Alinco DJ-S11 2M HT Like New - \$50/bo, FRS **RADIOS (2) COBRAS** -- Like New/ Nice - \$50/bo
Rod AC6V 760-945-6050 or ac6v@amsat.org

(4.17) **ADI-Pryme PR-222** 5-watt HT for 220MHz. With rapid charger, box, and manual. Use this tiny HT throughout California on the Condor system. Asking \$165.
Dave KF6XA 909-677-2446 or kf6xa@qsl.net

(4.6) **ICOM 1271A**, 1.2Ghz w/ ATV and AG-preamp. \$1000.00, **ICOM 471A** 420-450Mhz, \$350.00

Steve at KO6ET@Juno.com

(3.18) **KENWOOD TS 530S** Transceiver, 160 thur. 10 meters, manuals and mike. In good condition. \$450 Bob K3DLC 858 278 4864 or hurwi7@aol.com

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(continued Page 9)

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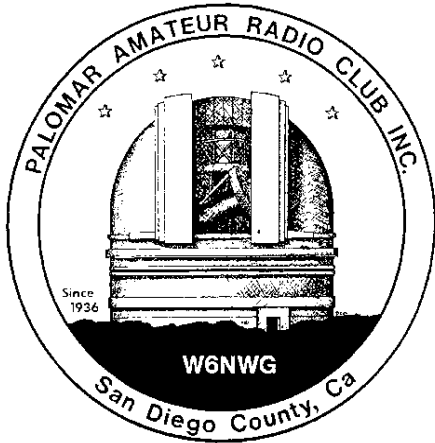
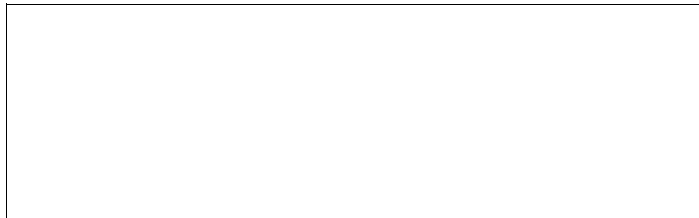
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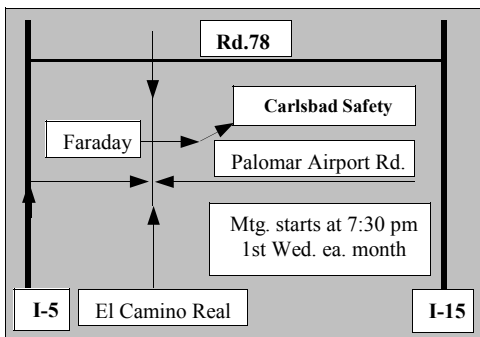
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